AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000164

3. EFFECTIVE DATE
03/05/2009

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Ronald Johnson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Jennifer Ariens/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$459,324.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funding Clause (FAR 51.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to de-obligate $459,324.00 on the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Cynthia Maclean

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Cynthia W Maclean
(Signature of Contracting Officer)

16C. DATE SIGNED
03/05/2009

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$857,437,144.50.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 16, 2009**.

(b) An additional amount of **$67,414,265.07** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation:

	Obligations Thru Modification 163	Obligation This Modification 164	Revised Cumulative Obligation
Total Cost	$857,896,468.50	($459,324.00)	**$857,437,144.50**
Fee	$67,414,265.07	$0.00	**$67,414,265.07**
Total	$925,310,733.57	($459,324.00)	**$924,851,409.57**

3. Obligations/Deobligations

Obligations:		**De-obligations:**	**WBS Element**	
PR	**Amount**	**PLI/ALI**	**WBS**	**Amount**
		381/170	401769.06.06.01.02.10	16,111.19
		354/950	359257.01.10.01	21,000.00
		329/220	377816.06.02.05.03.10.05	3,795.44
		347/760	377816.06.02.05.03.10.05	18,417.37
		384/50	411672.10.05.01	400,000.00
TOTAL	**$0.00**		**TOTAL**	**$ 459,324.00**

Net Change	
Obligations	**$0.00**
Deobligations	**$459,324.00**
TOTAL	($459,324.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000165

3. EFFECTIVE DATE 03/11/2009

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$93,592.27

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $924,851,409.57 to $924,757,817.30, a decrease of $93,592.27 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED 03/11/2009

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$857,343,552.23.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 16, 2009**.

(b) An additional amount of **$67,414,265.07** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation:

	Obligations Thru Modification 164	De-Obligation in Modification 165	Revised Cumulative Obligation
Total Cost	**$857,437,144.50**	($93,592.27)	**$857,343,552.23**
Fee	**$67,414,265.07**	**$0.00**	**$67,414,265.07**
Total	**$924,851,409.57**	($93,592.27)	**$924,757,817.30**

Deobligations:

PLI/ALI	**WBS Element**	**Amount**
362/80	981155.02.05	($16,000.00)
371/540	377816.06.02.05.11.01.07	($77,592.27)
	TOTAL	**($93,592.27)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO. 000166

3. EFFECTIVE DATE 03/20/2009

4. REQUISITION/PURCHASE REQ. NO. See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $21,501,774.98

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $924,757,817.30 to $946,259,592.28, an increase of $21,501,774.98 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED 03/20/2009

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$878,845,327.21.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **May 13, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Mod 165	Modification 166	Total Funding Thru Mod 166
Total Cost	$857,343,552.23	$21,501,774.98	$878,845,327.21
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$924,757,817.30	$21,501,774.98	$946,259,592.28

Obligations: PR	Amount
4200287190	$1,910,802.75
4200287198	$9,477,452.40
4200287200	$6,449,554.00
4200287208	$3,663,965.83
TOTAL	$21,501,774.98

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000167

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: ~$311,121.20

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $946,259,592.28 to $945,948,471.08 a decrease of $311,121.20 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
4/8/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$878,534,206.01.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through May 13, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Mod 166	De-Obligation in Modification 167	Total Funding Thru Mod 167
Total Cost	$878,845,327.21	($311,121.20)	$878,534,206.01
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$946,259,592.28	($311,121.20)	$945,948,471.08

PLI/ALI	WBS	Amount
373/350	769347.05.08.14.02.04	($25,250.00)
387/520	672854.01.06.02	($3,650.85)
386/40	825855.04.03.10.01	($225,000.00)
387/170	377816.06.02.05.03.20.01	($7,909.00)
387/100	401769.06.06.01.02.08	($13,088.00)
368/60	401769.06.06.01.02.08	($9,827.00)
387/130	644423.10.36.04.10.01	($26,396.35)
	TOTAL	($311,121.20)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000168

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
4200289988, 4200290702

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $26,210,391.08

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $945,948,471.08 to $972,158,862.16, an increase of $26,210,391.08 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
4-17-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$904,744,597.09.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 12, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 167	Obligation This Modification 168	Total Funding Thru Mod 168
Total Cost	$878,534,206.01	$26,210,391.08	**$904,744,597.09**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$945,948,471.08	$26,210,391.08	**$972,158,862.16**

Obligations: PR	Amount
4200289988	$7,543,019.49
4200290702	$5,608,284.60
4200290677	$10,670,114.90
4200290730	$2,388,972.09
Total	$26,210,391.08

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000169

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO 4200291574

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Increase: $1,783,695.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $972,158,862.16 to $973,942,557.16, an increase of $1,783,695.00 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED 4-22-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$906,528,292.09.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 13, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 168	Obligation This Modification 169	Total Funding Thru Mod 169
Total Cost	$904,744,597.09	$1,783,695.00	**$906,528,292.09**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$972,158,862.16	$1,783,695.00	**$973,942,557.16**

Obligations: PR	Amount
4200291574	$1,783,695.00
Total	$1,783,695.00

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 21

2. AMENDMENT/MODIFICATION NO. 000170

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Mutual Agreement of the Parties
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) update Appendix 2 to Attachment J-11, Award Fee Plan, to reflect award fee dollars available for Period 8 and (2) delete the current Attachment J-12 in the contract and replace it with the attached Wage Determination plan which became effective February 1, 2009.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print) LON F. MILLER SR. V.P. & GENERAL MANAGER

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED 5/6/09

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 5/8/09

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30,2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,763
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8*	October 1, 2008 – March 31, 2009	*$8,510,510*	TBD
9*	April 1, 2009 – September 30, 2009	*$8,320,873*	TBD
10*	October 1, 2009 – January 31, 2010	*$3,691,212*	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of *March 31, 2009*. It is anticipated that as additional work is added and/or deleted then the out periods will be adjusted at or near the end of award fee period.

STANDARD FORM e 98

January 1996

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

(See Instructions on Reverse)

1. NOTICE NO.

NASA
NNJ05HI05C

MAIL TO:

Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, DC 20210

2. Estimated solicitation date *(use numerals)*

Month	Day	Year

3. Estimated date bids or proposals to be opened or negotiations begun *(use numerals)*

Month	Day	Year

4. Date contract performance to begin *(use numerals)* Extension

Month	Day	Year
02	01	09

5. PLACE(S) OF PERFORMANCE

Harris County, TX

6. SERVICES TO BE PERFORMED *(describe)*

IV: Engineering and Science Contract
Contract Number NNJ04HI05
Contract Period of Performance 02/01/09 to 01/31/10

7. INFORMATION ABOUT PERFORMANCE

A. [X] Services now performed by a contractor
B. [ ] Services now performed by Federal employees
C. [ ] Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

Sverdrup Technology, Inc.
600 William Northern Blvd. P.O. Box 884
Tullahoma, TN 37388

b. Number(s) of any wage determination(s) in incumbent's contract

WD 2005-2516, WD CBA 2006-134

c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). ***Important:*** Attach copies of current applicable collective bargaining agreements

IAM&AW, District 37, Local 1786

9. OFFICIAL SUBMITTING NOTICE

SIGNED:	DATE
Original signed by	01/23/09
TYPE OR PRINT NAME	**TELEPHONE NO.**
Connie R. Pritchard Contract Labor Relations Officer	281-483-4121

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

NASA Johnson Space Center
Connie R. Pritchard, Mail Code BA2
2101 NASA Parkway
Houston, TX 77058

RESPONSE TO NOTICE
(by Department of Labor)

A. [X] The attached wage determination(s) listed below apply to procurement.
2005-2516, Rev. 8
2006-134, Rev. 0

B. [ ] As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.

C. [ ] From information supplied, the Service Contract Act does not apply *(see attached explanation)*.

D. [ ] Notice returned for additional information *(see attached explanation)*

Signed:_____
(U.S. Department of Labor)

_____
(Date)

98-103 COMPUTER-GENERATED 1/96

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA NNJ05HI05C
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX Nonexempt/Nonunion: Occupations Included in "DOL Directory"	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
General Clerk, I	6	GS-2 $12.12
General Clerk, II	2	GS-3 $13.23
General Clerk, III	13	GS-4 $14.85
Production Control Clerk	23	GS-6 $18.52
Illustrator, III	1	GS-9 $25.17
Administrative Assistant	17	GS-7 $20.58
Secretary, I	2	GS-4 $14.85
Secretary, II	26	GS-5 $16.61
Secretary, III	22	GS-6 $18.52
Accounting Clerk, III	1	GS-5 $16.61
Order Clerk, II	1	GS-3 $13.23
Technical Writer, II	1	GS-9 $25.17
Drafter/CAD Operator, III	4	GS-6 $18.52
Drafter/CAD Operator IV	11	GS-8 $22.79
Word Processor, II	4	GS-4 $14.85
Word Processor, III	11	GS-5 $16.61
Scheduler Maintenance	1	GS-4 $14.85
Computer Programmer, I	1	GS-5 $16.61
Computer Programmer, III	1	GS-9 $25.17
Electronic Tech., Maint., I	1	WG-8 $20.77
Electronic Tech. Maint., II	7	WG-9 $22.18
Engineering Tech., I	60	GS-3 $13.23
Engineering Tech., II	27	GS-4 $14.85
Engineering Tech., III	29	GS-5 $16.61
Engineering Tech., IV	20	GS-7 $20.58
Engineering Tech., V	3	GS-9 $25.17
Engineering Tech., VI	1	GS-11 $30.45
Computer Operator, III	2	GS-6 $18.52
Computer Systems Analyst, III	2	GS-12 $36.50
Library Technician	1	GS-5 $16.61

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA NNJ05HI05C

12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Nonexempt Union: IAM&AW, Local 1786, District 37 with Jacobs Sverdrup	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Altitude Test Technician, I	3	Per CBA $15.78 – 19.18
Altitude Test Technician, II	1	Per CBA $18.40
Altitude Test Technician, III	8	Per CBA $20.26 – 28.02
Assembly Technician, II	1	Per CBA $21.88
Assembly Technician, III	1	Per CBA $24.57
Avionic Electronic Fabricator, II	6	Per CBA $22.86
Avionic Electronic Fabricator, III	2	Per CBA $22.45 – 27.02
Avionic Mechnical Technician, I	1	Per CBA $17.71
Avionic Mechnical Technician, II	2	Per CBA $22.85
Cleaning Mechanical Technician, II	2	Per CBA $19.20 – 19.59
Cleaning Mechanical Technician, III	3	Per CBA $26.15 – 28.02
Composite Technician, III	3	Per CBA $24.18 – 27.02
Curation Laboratory Technician, I	2	Per CBA $13.48 – 16.70
Curation Laboratory Technician, II	1	Per CBA $23.40
Curation Laboratory Technician, III	1	Per CBA $21.21
Data Certification Operations Technician, II	2	Per CBA $18.84 – 19.30
Data Certification Operations Technician, III	6	Per CBA $20.65 – 28.02
Data Verification/Acquisition Technician, I	1	Per CBA $15.17
Data Verification/Acquisition Technician, II	8	Per CBA $16.45 – 28.02
Data Verification/Acquisition Technician, III	9	Per CBA $23.80 – 28.02
Electro Systems Development Technician, III	15	Per CBA $24.90 – 28.02
Electro/Mechanical Technician, II	5	Per CBA $16.24 – 24.38
Electro/Mechanical Technician, III	16	Per CBA $20.21 – 28.02
Electronic Fabricator, II	2	Per CBA $20.70 – 21.66
Electronic Fabricator, III	3	Per CBA $23.70 – 28.02
EVA Support Hardware Specialist, III	1	Per CBA $27.02
Fluid Systems Technician, I	2	Per CBA $15.20
Fluid Systems Technician, II	3	Per CBA $18.72 – 28.02
Fluid Systems Technician, III	8	Per CBA $21.08 – 28.02
Machinist, II	2	Per CBA $19.15 – 19.35

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA NNJ05HI05C
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Nonexempt Union: IAM&AW, Local 1786 with Jacobs Sverdrup	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
- continued-		
Machinist Experimental, III	27	Per CBA $24.13 – 28.65
Mechanical Systems Technician, I	3	Per CBA $12.45 – 13.23
Mechanical Systems Technician, II	7	Per CBA $17.40 – 19.27
Mechanical Systems Technician, III	10	Per CBA $21.61 – 28.02
Metal Finishing Technician, II	1	Per CBA $28.02
Model Shop Technician, I	1	Per CBA $20.00
Model Shop Technician, III	3	Per CBA $25.22 – 28.02
RF Systems Technician, II	1	Per CBA $24.38
RF Systems Technician, III	3	Per CBA $27.02 – 28.02
Sheet Metal Mechanic, II	3	Per CBA $16.24 – 21.47
Sheet Metal Mechanic, III	6	Per CBA $23.93 – 28.02
Shipping & Receiving Technician, I	1	Per CBA $13.70
Shipping & Receiving Technician, II	5	Per CBA $14.47 – 18.35
Shipping & Receiving Technician, III	1	Per CBA $23.01
Simulation Technical Specialist, III	3	Per CBA $27.02
Softgoods Technician, I	1	Per CBA $13.40
Softgoods Technician, II	1	Per CBA $16.65
Softgoods Technician, III	3	Per CBA $23.00 – 28.22
Tool Crib Attendant, II	1	Per CBA $16.50
Tool Crib Attendant, III	4	Per CBA $18.78 – 23.01
TV Systems Technician, III	2	Per CBA $27.02
Technician Assistant, I	4	Per CBA $12.40 – 14.50
Technician Assistant, II	1	Per CBA $18.40
Technician Assistant, III	1	Per CBA $20.41
Welder Technician, I	1	Per CBA $16.20
Welder Technician, III	3	Per CBA $23.44 – 28.02

REGISTER OF WAGE DETERMINATION UNDER THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

William W. Gross Director	Division of Wage Determinations	Wage Determination No.: CBA-2006-134 Revision No.: 0 Date of Last Revision: 2/16/2006

State: Texas

Area: Harris

Employed on National Aeronautics and Space Administration, Johnson Space Center contract for Engineering and Science Support.

Collective Bargaining Agreement between contractor: Jacobs Sverdrup, and union: International Association of Machinist & Aerospace Workers, Local 1786, District 37, effective 12/24/2005 through 1/31/2011.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS
UNDER THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

Shirley F. Ebbesen
Director

Division of Wage
Determinations

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS
ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON, D.C. 20210

Wage Determination No.: 2005-2516
Revision No.: 8
Date of Last Revision: 07/23/2008

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	MINIMUM WAGE RATE
01000 - Administrative Support And Clerical Occupations	
01011 - Accounting Clerk I	14 .58
01012 - Accounting Clerk II	16 .38
01013 - Accounting Clerk III	18 .32
01020 - Administrative Assistant	23 .55
01040 - Court Reporter	21 .79
01051 - Data Entry Operator I	11 .67
01052 - Data Entry Operator II	14 .32
01060 - Dispatcher, Motor Vehicle	15 .40
01070 - Document Preparation Clerk	13 .41
01090 - Duplicating Machine Operator	13 .41
01111 - General Clerk I	10 .80
01112 - General Clerk II	12 .97
01113 - General Clerk III	14 .88
01120 - Housing Referral Assistant	20 .55
01141 - Messenger Courier	11 .95
01191 - Order Clerk I	13 .52

01192 - Order Clerk II	15 .24
01261 - Personnel Assistant (Employment) I	14 .74
01262 - Personnel Assistant (Employment) II	16 .50
01263 - Personnel Assistant (Employment) III	18 .38
01270 - Production Control Clerk	19 .10
01280 - Receptionist	12 .02
01290 - Rental Clerk	14 .75
01300 - Scheduler, Maintenance	15 .92
01311 - Secretary I	15 .92
01312 - Secretary II	17 .73
01313 - Secretary III	20 .55
01320 - Service Order Dispatcher	14 .63
01410 - Supply Technician	23 .55
01420 - Survey Worker	16 .59
01531 - Travel Clerk I	13 .17
01532 - Travel Clerk II	14 .22
01533 - Travel Clerk III	15 .20
01611 - Word Processor I	12 .27
01612 - Word Processor II	14 .75
01613 - Word Processor III	16 .59
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	24 .80
05010 - Automotive Electrician	22 .66
05040 - Automotive Glass Installer	21 .68
05070 - Automotive Worker	20 .91
05110 - Mobile Equipment Servicer	19 .27
05130 - Motor Equipment Metal Mechanic	24 .53
05160 - Motor Equipment Metal Worker	20 .91
05190 - Motor Vehicle Mechanic	24 .53
05220 - Motor Vehicle Mechanic Helper	18 .48
05250 - Motor Vehicle Upholstery Worker	19 .84
05280 - Motor Vehicle Wrecker	20 .91
05310 - Painter, Automotive	22 .66
05340 - Radiator Repair Specialist	22 .88
05370 - Tire Repairer	14 .40

05400 - Transmission Repair Specialist	25 .17
07000 - Food Preparation And Service Occupations	
07010 - Baker	10 .04
07041 - Cook I	8 .65
07042 - Cook II	9 .89
07070 - Dishwasher	8 .11
07130 - Food Service Worker	8 .87
07210 - Meat Cutter	12 .36
07260 - Waiter/Waitress	7 .97
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	16 .65
09040 - Furniture Handler	11 .74
09080 - Furniture Refinisher	16 .09
09090 - Furniture Refinisher Helper	13 .74
09110 - Furniture Repairer, Minor	15 .29
09130 - Upholsterer	16 .65
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9 .90
11060 - Elevator Operator	8 .17
11090 - Gardener	14 .52
11122 - Housekeeping Aide	8 .17
11150 - Janitor	8 .17
11210 - Laborer, Grounds Maintenance	10 .93
11240 - Maid or Houseman	7 .73
11260 - Pruner	8 .99
11270 - Tractor Operator	12 .82
11330 - Trail Maintenance Worker	10 .93
11360 - Window Cleaner	8 .92
12000 - Health Occupations	
12010 - Ambulance Driver	14 .22
12011 - Breath Alcohol Technician	15 .64
12012 - Certified Occupational Therapist Assistant	19 .58
12015 - Certified Physical Therapist Assistant	20 .48
12020 - Dental Assistant	15 .64
12025 - Dental Hygienist	32 .49
12030 - EKG Technician	23 .56

12035 - Electroneurodiagnostic Technologist	23 .56
12040 - Emergency Medical Technician	14 .22
12071 - Licensed Practical Nurse I	18 .29
12072 - Licensed Practical Nurse II	20 .52
12073 - Licensed Practical Nurse III	22 .09
12100 - Medical Assistant	12 .40
12130 - Medical Laboratory Technician	15 .25
12160 - Medical Record Clerk	13 .21
12190 - Medical Record Technician	16 .02
12195 - Medical Transcriptionist	16 .40
12210 - Nuclear Medicine Technologist	31 .94
12221 - Nursing Assistant I	7 .08
12222 - Nursing Assistant II	9 .82
12223 - Nursing Assistant III	10 .62
12224 - Nursing Assistant IV	12 .40
12235 - Optical Dispenser	15 .26
12236 - Optical Technician	13 .90
12250 - Pharmacy Technician	17 .44
12280 - Phlebotomist	13 .30
12305 - Radiologic Technologist	24 .27
12311 - Registered Nurse I	28 .55
12312 - Registered Nurse II	33 .22
12313 - Registered Nurse II, Specialist	35 .29
12314 - Registered Nurse III	42 .25
12315 - Registered Nurse III, Anesthetist	42 .25
12316 - Registered Nurse IV	50 .64
12317 - Scheduler (Drug and Alcohol Testing)	19 .86
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	19 .30
13012 - Exhibits Specialist II	24 .74
13013 - Exhibits Specialist III	28 .94
13041 - Illustrator I	18 .07
13042 - Illustrator II	22 .56
13043 - Illustrator III	27 .38
13047 - Librarian	26 .69

13050 - Library Aide/Clerk	10 .00
13054 - Library Information Technology Systems Administrator	24 .09
13058 - Library Technician	14 .58
13061 - Media Specialist I	17 .39
13062 - Media Specialist II	19 .46
13063 - Media Specialist III	21 .68
13071 - Photographer I	13 .93
13072 - Photographer II	17 .60
13073 - Photographer III	22 .56
13074 - Photographer IV	26 .40
13075 - Photographer V	30 .06
13110 - Video Teleconference Technician	15 .21
14000 - Information Technology Occupations	
14041 - Computer Operator I	16 .26
14042 - Computer Operator II	18 .19
14043 - Computer Operator III	20 .28
14044 - Computer Operator IV	22 .60
14045 - Computer Operator V	24 .95
14071 - Computer Programmer I (1)	23 .23
14072 - Computer Programmer II (1)	
14073 - Computer Programmer III (1)	
14074 - Computer Programmer IV (1)	
14101 - Computer Systems Analyst I (1)	
14102 - Computer Systems Analyst II (1)	
14103 - Computer Systems Analyst III (1)	
14150 - Peripheral Equipment Operator	16 .26
14160 - Personal Computer Support Technician	22 .60
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	30 .06
15020 - Aircrew Training Devices Instructor (Rated)	36 .39
15030 - Air Crew Training Devices Instructor (Pilot)	43 .20
15050 - Computer Based Training Specialist / Instructor	28 .27
15060 - Educational Technologist	29 .02
15070 - Flight Instructor (Pilot)	43 .20

15080 - Graphic Artist	23 .11
15090 - Technical Instructor	20 .99
15095 - Technical Instructor/Course Developer	25 .68
15110 - Test Proctor	18 .43
15120 - Tutor	18 .43

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations

16010 - Assembler	9 .03
16030 - Counter Attendant	9 .03
16040 - Dry Cleaner	10 .89
16070 - Finisher, Flatwork, Machine	9 .03
16090 - Presser, Hand	9 .03
16110 - Presser, Machine, Drycleaning	9 .03
16130 - Presser, Machine, Shirts	9 .03
16160 - Presser, Machine, Wearing Apparel, Laundry	9 .03
16190 - Sewing Machine Operator	12 .26
16220 - Tailor	13 .20
16250 - Washer, Machine	9 .91

19000 - Machine Tool Operation And Repair Occupations

19010 - Machine-Tool Operator (Tool Room)	18 .32
19040 - Tool And Die Maker	21 .12

21000 - Materials Handling And Packing Occupations

21020 - Forklift Operator	12 .84
21030 - Material Coordinator	18 .58
21040 - Material Expediter	18 .58
21050 - Material Handling Laborer	12 .26
21071 - Order Filler	11 .46
21080 - Production Line Worker (Food Processing)	12 .84
21110 - Shipping Packer	13 .82
21130 - Shipping/Receiving Clerk	13 .82
21140 - Store Worker I	10 .53
21150 - Stock Clerk	14 .93
21210 - Tools And Parts Attendant	13 .58
21410 - Warehouse Specialist	12 .84

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	28 .07
23021 - Aircraft Mechanic I	26 .73
23022 - Aircraft Mechanic II	28 .07
23023 - Aircraft Mechanic III	29 .47
23040 - Aircraft Mechanic Helper	20 .93
23050 - Aircraft, Painter	24 .39
23060 - Aircraft Servicer	23 .28
23080 - Aircraft Worker	24 .53
23110 - Appliance Mechanic	17 .26
23120 - Bicycle Repairer	13 .91
23125 - Cable Splicer	24 .90
23130 - Carpenter, Maintenance	18 .58
23140 - Carpet Layer	16 .21
23160 - Electrician, Maintenance	26 .51
23181 - Electronics Technician Maintenance I	19 .33
23182 - Electronics Technician Maintenance II	23 .28
23183 - Electronics Technician Maintenance III	24 .48
23260 - Fabric Worker	15 .97
23290 - Fire Alarm System Mechanic	18 .14
23310 - Fire Extinguisher Repairer	14 .78
23311 - Fuel Distribution System Mechanic	19 .17
23312 - Fuel Distribution System Operator	16 .33
23370 - General Maintenance Worker	17 .01
23380 - Ground Support Equipment Mechanic	26 .73
23381 - Ground Support Equipment Servicer	23 .28
23382 - Ground Support Equipment Worker	24 .53
23391 - Gunsmith I	14 .78
23392 - Gunsmith II	17 .07
23393 - Gunsmith III	19 .16
23410 - Heating, Ventilation And Air-Conditioning Mechanic	20 .06
23411 - Heating, Ventilation And Air Conditioning Mechanic (Research Facility)	20 .93
23430 - Heavy Equipment Mechanic	17 .68

23440 - Heavy Equipment Operator	18 .14
23460 - Instrument Mechanic	21 .38
23465 - Laboratory/Shelter Mechanic	18 .23
23470 - Laborer	10 .97
23510 - Locksmith	17 .26
23530 - Machinery Maintenance Mechanic	20 .81
23550 - Machinist, Maintenance	20 .16
23580 - Maintenance Trades Helper	13 .58
23591 - Metrology Technician I	21 .38
23592 - Metrology Technician II	22 .31
23593 - Metrology Technician III	23 .25
23640 - Millwright	20 .48
23710 - Office Appliance Repairer	17 .26
23760 - Painter, Maintenance	17 .26
23790 - Pipefitter, Maintenance	19 .44
23810 - Plumber, Maintenance	18 .98
23820 - Pneudraulic Systems Mechanic	19 .16
23850 - Rigger	19 .47
23870 - Scale Mechanic	17 .07
23890 - Sheet-Metal Worker, Maintenance	18 .14
23910 - Small Engine Mechanic	17 .07
23931 - Telecommunications Mechanic I	23 .20
23932 - Telecommunications Mechanic II	24 .23
23950 - Telephone Lineman	23 .20
23960 - Welder, Combination, Maintenance	19 .16
23965 - Well Driller	19 .16
23970 - Woodcraft Worker	19 .16
23980 - Woodworker	13 .67
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	9 .68
24580 - Child Care Center Clerk	12 .06
24610 - Chore Aide	6 .55
24620 - Family Readiness And Support Services Coordinator	11 .43
24630 - Homemaker	15 .41

25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	21 .14
25040 - Sewage Plant Operator	17 .00
25070 - Stationary Engineer	21 .14
25190 - Ventilation Equipment Tender	14 .33
25210 - Water Treatment Plant Operator	16 .65
27000 - Protective Service Occupations	
27004 - Alarm Monitor	14 .82
27007 - Baggage Inspector	10 .14
27008 - Corrections Officer	18 .04
27010 - Court Security Officer	18 .04
27030 - Detection Dog Handler	17 .90
27040 - Detention Officer	18 .04
27070 - Firefighter	17 .90
27101 - Guard I	10 .14
27102 - Guard II	17 .90
27131 - Police Officer I	23 .33
27132 - Police Officer II	25 .99
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	10 .69
28042 - Carnival Equipment Repairer	11 .24
28043 - Carnival Equpment Worker	8 .25
28210 - Gate Attendant/Gate Tender	13 .90
28310 - Lifeguard	12 .38
28350 - Park Attendant (Aide)	15 .55
28510 - Recreation Aide/Health Facility Attendant	11 .35
28515 - Recreation Specialist	17 .83
28630 - Sports Official	12 .38
28690 - Swimming Pool Operator	15 .85
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	17 .78
29020 - Hatch Tender	17 .78
29030 - Line Handler	17 .78
29041 - Stevedore I	16 .63

29042 - Stevedore II	
30000 - Technical Occupations	18 .93
30010 - Air Traffic Control Specialist, Center (HFO) (2)	38 .22
30011 - Air Traffic Control Specialist, Station (HFO) (2)	26 .36
30012 - Air Traffic Control Specialist, Terminal (HFO) (2)	29 .02
30021 - Archeological Technician I	19 .34
30022 - Archeological Technician II	23 .15
30023 - Archeological Technician III	28 .91
30030 - Cartographic Technician	28 .67
30040 - Civil Engineering Technician	27 .30
30061 - Drafter/CAD Operator I	19 .18
30062 - Drafter/CAD Operator II	23 .15
30063 - Drafter/CAD Operator III	25 .80
30064 - Drafter/CAD Operator IV	29 .47
30081 - Engineering Technician I	16 .59
30082 - Engineering Technician II	20 .41
30083 - Engineering Technician III	22 .83
30084 - Engineering Technician IV	28 .28
30085 - Engineering Technician V	36 .15
30086 - Engineering Technician VI	41 .85
30090 - Environmental Technician	27 .24
30210 - Laboratory Technician	23 .55
30240 - Mathematical Technician	28 .67
30361 - Paralegal/Legal Assistant I	19 .94
30362 - Paralegal/Legal Assistant II	24 .71
30363 - Paralegal/Legal Assistant III	30 .22
30364 - Paralegal/Legal Assistant IV	35 .81
30390 - Photo-Optics Technician	28 .67
30461 - Technical Writer I	20 .79
30462 - Technical Writer II	25 .43
30463 - Technical Writer III	29 .06
30491 - Unexploded Ordnance (UXO) Technician I	24 .29
30492 - Unexploded Ordnance (UXO) Technician II	29 .39
30493 - Unexploded Ordnance (UXO) Technician III	35 .23
30494 - Unexploded (UXO) Safety Escort	24 .29

30495 - Unexploded (UXO) Sweep Personnel	24 .29
30620 - Weather Observer, Combined Upper Air Or Surface Programs (2)	23 .95
30621 - Weather Observer, Senior (2)	27 .71
31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	10 .55
31030 - Bus Driver	15 .48
31043 - Driver Courier	12 .73
31260 - Parking and Lot Attendant	8 .34
31290 - Shuttle Bus Driver	13 .87
31310 - Taxi Driver	10 .49
31361 - Truckdriver, Light	13 .87
31362 - Truckdriver, Medium	17 .23
31363 - Truckdriver, Heavy	18 .99
31364 - Truckdriver, Tractor-Trailer	18 .99
99000 - Miscellaneous Occupations	
99030 - Cashier	9 .10
99050 - Desk Clerk	10 .65
99095 - Embalmer	21 .55
99251 - Laboratory Animal Caretaker I	9 .49
99252 - Laboratory Animal Caretaker II	10 .62
99310 - Mortician	24 .04
99410 - Pest Controller	14 .21
99510 - Photofinishing Worker	10 .43
99710 - Recycling Laborer	13 .60
99711 - Recycling Specialist	16 .58
99730 - Refuse Collector	12 .13
99810 - Sales Clerk	11 .41
99820 - School Crossing Guard	9 .05
99830 - Survey Party Chief	20 .96
99831 - Surveying Aide	14 .35
99832 - Surveying Technician	18 .13
99840 - Vending Machine Attendant	12 .00
99841 - Vending Machine Repairer	14 .41
99842 - Vending Machine Repairer Helper	12 .31

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $3.24 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE PARENTHESES AFTER THEM RECEIVE THE FOLLOWING BENEFITS (as numbered):

1) Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:
(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the

contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO
000171

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$241,010.33

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause 52.232-22

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $973,942,557.16 to $973,701,546.83, a decrease of $241,010.33, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
5-11-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$906,287,281.76.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 13, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Mod 170	De-Obligation in Modification 171	Total Funding Thru Mod 171
Total Cost	$906,528,292.09	($241,010.33)	**$906,287,281.76**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$973,942,557.16	($241,010.33)	**$973,701,546.83**

De-obligations: PLI/ALI	**WBS Element**	**Amount**
352-30	377816.06.02.05.11.01.07	(3,131.97)
334-950	731384.10.31.03.02	(1,774.08)
360-520	731384.10.31.03.02	(167,871.05)
370-740	731384.10.31.03.02	(1,880.65)
377-30	731384.10.31.03.02	(8,838.90)
382-120	731384.10.31.03.02	(913.10)
342-460	731384.10.31.02.01	(4,277.99)
371-750	731384.10.31.02.01	(1,357.89)
377-110	401769.06.06.01.02.04.03	(11,157.50)
383-880	401769.06.06.01.02.04.03	(191.15)
388-340	401769.06.06.01.02.04.03	(6,804.99)
351-940	964646.02.07.01.01	(15,000.00)
373-140	401769.06.06.01.02.10	(284.02)
349-880	644423.02.35.10	(7,382.05)
361-650	731384.06.04.01.31.04.03	(10,144.99)
Obligations		**$0.00**
Deobligations		**($241,010.33)**
	TOTAL	**($241,010.33)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000172

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $33,160,541.10

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause 52.232-22

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $973,701,546.83 to $1,006,862,087.93, an increase of $33,160,541.10, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
5/11/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$939,447,822.86.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **July 20, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 171	Obligation This Modification 172	Total Funding Thru Mod 172
Total Cost	$906,287,281.76	$33,160,541.10	**$939,447,822.86**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$973,701,546.83	$33,160,541.10	**$1,006,862,087.93**

Obligations: PR	Amount
4200294746	$2,051,401.80
4200294597	$4,586,974.49
4200294594	$7,827,768.49
4200294548	$5,227,971.12
4200293229	$13,466,425.20
Total	$33,160,541.10

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000173

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
4200295358

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $5,261,485.95

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause 52.232-22

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $1,006,862,087.93 to $1,012,123,573.88, an increase of $5,261,485.95, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
5/19/09

(Signature of person authorized to sign)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$944,709,308.81.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through July 20, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 172	Obligation This Modification 173	Total Funding Thru Mod 173
Total Cost	$939,447,822.86	$5,261,485.95	**$944,709,308.81**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,006,862,087.93	$5,261,485.95	**$1,012,123,573.88**

Obligations: PR	Amount
4200295358	$5,261,485.95
Total	$5,261,485.95

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000174

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to make an administrative change in Clause B.3 Indefinite-Delivery Indefinite-Quantity (IDIQ)- Limitations as a result of changes made in modification 160.

All other contract rates and amounts, including the total contract amount, remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full-force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED 5/21/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to make an administrative change to the contract that was affected by the reallocation of contract value in modification 160. All other contract rates and amounts, including the total contract amount, remain the same. Clause B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS is deleted in its entirety and replaced with the following, the change is highlighted:

"B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of ~~$600,000,000~~$629,813,677. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $10,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of clause)"

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000175

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Pg. 2

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
Net Increase: $24,616,378.98

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause 52.232-22

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*
The purpose of this modification is to: (1) increase the current contract funding from $1,012,123,573.88 to $1,036,739,952.86 an increase of $24,616,378.98, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
6/8/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$969,325,687.79.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **August 27, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 174	Obligation This Modification 175	Total Funding Thru Mod 175
Total Cost	$944,709,308.81	$24,616,378.98	$969,325,687.79
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,012,123,573.88	**$24,616,378.98**	**$1,036,739,952.86**

4200295712	$7,039,856.66
4200298571	$6,853,011.53
4200298727	$6,456,938.16
4200298627	$4,266,572.63
Total	**$24,616,378.98**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO. 000176

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Julie K. Karr/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Decrease: -$816,676.43

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER *(Specify type of modification and authority)*
Limitation of Funds Clause 52.232-22

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) decrease the current contract funding from $1,036,739,952.86 to $1,035,923,276.43, a decrease of $816,676.43, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Julie K. Karr

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Julie Karr
(Signature of Contracting Officer)

16C. DATE SIGNED 6/16/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$968,509,011.36.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through July 19, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 175	Obligation This Modification 176	Total Funding Thru Mod 176
Total Cost	$969,325,687.79	($816,676.43)	**$968,509,011.36**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,036,739,952.86	($816,676.43)	**$1,035,923,276.43**

De-obligations: PLI/ALI	WBS Element WBS	Amount
397-60	857464.05.05.04.01	(15,000.00)
386-90	509496.02.08.01.72	(20,000.00)
398-20	736466.09.01.05.02.04.01	(2,040.00)
398-40	401769.06.03.07.03.07	(5,500.00)
398-10	466199.02.04.05.03.02	(17,730.00)
344-540	095240.04.033.0	(65,493.14)
361-490	095240.04.03.02.03.10	(24,671.00)
370-220	095240.04.03.02.03.10	(19,013.00)
373-170	095240.04.03.02.03.10	(32,553.99)
392-190	095240.04.03.02.03.10	(868.92)
397-130	095240.04.03.02.03.10	(2,999.99)
397-170	377816.06.02.05.03.16.02	(50,000.00)
371-590	401769.06.05.01.02.02	(1,567.83)
386-10	825855.04.03.10	(94,999.99)
360-530	731384.10.31.04.01	(52,399.99)

371-790	731384.06.04.01.31.06.51	(4,000.00)
355-250	68567.08.10	(213,000.00)
379-490	377816.06.02.05.03.02.01	(6,308.00)
391-160	377816.06.02.05.03.02.01	(1,163.00)
395-120	378343.10.01.01.02.11	(26,000.00)
395-140	377816.06.02.05.03.02.01	(5,200.00)
396-420	377816.06.02.05.03.13.02	(35,666.67)
396-490	377816.06.02.05.03.23.05	(14,999.99)
389-120	377816.06.02.05.03.23.05	(9,200.94)
396-620	401769.06.03.04.02.15	(71,999.99)
389-260	401769.06.03.04.02.15	(300.01)
389-180	424606.01.09.02.01	(9,999.99)
396-550	424606.01.09.02.01	(13,999.99)
Obligations		$0.00
Deobligations		**($816,676.43)**
	TOTAL	**($816,676.43)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000177	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $2,744,388.75
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funding Clause (FAR 51.232-22)

E. IMPORTANT: Contractor ☐ is not. ☒ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,035,923,276.43 to $1,038,667,665.18 an increase of $2,744,388.75, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) Jessica Corley	16C. DATE SIGNED 6/18/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$971,253.400.11.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **August 08, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 176	Obligation This Modification 177	Total Funding Thru Mod 177
Total Cost	$968,509,011.36	$2,744,388.75	$971,253,400.11
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,035,923,276.43	$2,744,388.75	$1,038,667,665.18

Obligations: PR	Amount
4200300223	$2,744,388.75
Total	$2,744,388.75

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 | 3
2. AMENDMENT/MODIFICATION NO. 178	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
6. ISSUED BY CODE	BH/MJT	7. ADMINISTERED BY *(If other than Item 6)* CODE	

NASA/Johnson Space Center
Attn: BH/Miyoshi Thompson
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State, and Zip Code)*

Jacobs Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447
Houston, TX 77258-8447

CODE 348M3		FACILITY CODE
()	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED *(SEE ITEM 13)* December 17, 2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER *(Specify type of modification and authority)* G.2 Award Fee For Service Contracts (NASA 1852.216-76)

E. IMPORTANT: Contractor [X] ☐ is required to sign this document and return _____ copies to the issuing office

14. description of amendment/modification *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

EARNED AWARD FEE PERIOD 8- See Continuation Page

AWARD FEE PAYMENT

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Jessica Corley	
15B. CONTRACTOR/OFFEROR15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Jessica Corley *(Signature of Contracting Officer)*	16C. DATE SIGNED 6/24/09

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

The purpose of this modification is to:

1.) Recognize earned award fee for the evaluation period October 1, 2008 – March 31, 2009.

Award Fee Available for this Period:	$8,510,510.00
Award Fee Earned @ 94%:	$7,999,879.00
Less Provisional Fee Paid: (reference #58 AF voucher)	$4,190,361.00
Net Payment Due:	$3,809,518.00

The amount identified above is the balance due to the contractor, which is to be paid based upon this modification to the contract. The contractor is not required to submit a voucher for the remaining Earned Award Fee that is due.

2.) Update Section J-11, Award Fee Plan, Appendix 2. A replacement page is attached with updated changes.

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30,2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,763
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8*	October 1, 2008 – March 31, 2009	*$8,510,510*	$7,999,879
9*	April 1, 2009 – September 30, 2009	*$8,320,873*	TBD
10*	October 1, 2009 – January 31, 2010	*$3,691,212*	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of March 31,2009 (reference Modification 170). It is anticipated that as additional work is added and/or deleted then the out periods will be adjusted at or near the end of award fee period.

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF 1 | 5

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
179	See Block 16C		

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY *(If other than Item 6)* CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State, and Zip Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS.
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
(X)	d. OTHER *(Specify type of modification and authority)* F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

E. IMPORTANT: Contractor [X] is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to increase the current IDIQ value in accordance with F.8 from $629,813,677 to $652,813,677, an increase of $23,000,000.00. Please see attached pages for clause revisions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Jessica Corley *(Signature of Contracting Officer)*	16C. DATE SIGNED 6/30/09

1. In accordance with Clause F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY, Clause B.2 ESTIMATED COST AND AWARD FEE and Clause B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITIY (IDIQ) - LIMITATIONS is hereby deleted in their entirety and replaced with the following, changes are in bold:

FROM:

"B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The estimated cost of this contract is $1,054,849,267. The maximum available award fee, excluding base fee, if any, is $76,42,197. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $1,131,271,464.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost	Maximum Award Fee	Total
Baseline Requirements	$311,286,510	22,568,273	$333,854,783
Indefinite-Delivery-Indefinite-Quantity (NTE)	**$587,238,860**	**42,574,817**	**$629,813,677**
Level-Of Effort	$131,786,531	9,554,523	$141,341,054
LOE Materials	$23,787,366	1,724,584	$25,511,950
Phase-In Period (Fixed Price)	$750,000	0	$750,000
Total	**$1,054,849,267**	**76,422,197**	**$1,131,271,464**

* Total value (cost and fee) of delivery orders issued: $624,316,030
** Total value (cost and fee) of task orders including LOE Materials issued: $160,778,889
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)"

TO:

"B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The estimated cost of this contract is **$1,076,294,488**. The maximum available award fee, excluding base fee, if any, is **$77,976,976**. The base fee is $0. Total estimated cost, base fee, and maximum award fee are **$1,154,271,464**.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost	Maximum Award Fee	Total
Baseline Requirements	$311,286,510	$22,568,273	$333,854,783
Indefinite-Delivery-Indefinite-Quantity* (NTE)	**$608,684,081**	**$44,129,596**	**$652,813,677**
Level-Of Effort**	$131,786,531	$9,554,523	$141,341,054
LOE Materials	$23,787,366	$1,724,584	$25,511,950
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$1,076,294,488**	**$77,976,976**	**$1,154,271,464**

* Total value (cost and fee) of delivery orders issued: $624,316,030
** Total value (cost and fee) of task orders including LOE Materials issued: $160,778,889
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)"

FROM:

B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of $629,813,677. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $10,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of Clause)"

TO:

B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of **$652,813,677**. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $10,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of Clause)"

2. Clause F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY is hereby decreased by $23,000,000 as a result of the increase in B.2 ESTIMATED COST AND AWARD FEE and B.3. INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY-LIMITATIONS. Clause F.8 is hereby deleted in its entirety and replaced with the following, changes are in bold.

FROM:

"F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

The Government may increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract as provided herein. Should the Government elect to increase the indefinite-delivery-indefinite-quantity cost ceiling, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's rights as provided herein are as follows:

The Government may incrementally increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract, as needed, up to a maximum of $51,000,000 including cost and fee.

(End of Clause)"

TO:

"F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

The Government may increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract as provided herein. Should the Government elect to increase the indefinite-delivery-indefinite-quantity cost ceiling, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's rights as provided herein are as follows:

The Government may incrementally increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract, as needed, up to a maximum of **$28,000,000** including cost and fee.

(End of Clause)"

3. All other terms and conditions of the contract remain the same.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000180

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: See Schedule

5. PROJECT NO. (If applicable):

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.:

9B. DATED (SEE ITEM 11):

X 10A. MODIFICATION OF CONTRACT/ORDER NO.: NNJ05HI05C

10B. DATED (SEE ITEM 13): 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required): See Schedule — Net Increase: $15,775,143.25

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funding Clause (FAR 51.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,038,667,665.18 to $1,054,442,808.43 an increase of $15,775,143.25, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print):

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA — (Signature of Contracting Officer): Jessica Corley

16C. DATE SIGNED: 7/9/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$987,028,543.36.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **August 29, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 177	Obligation This Modification 180	Total Funding Thru Mod 180
Total Cost	$971,253,400.11	$15,775,143.25	$987,028,543.36
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,038,667,665.18	$15,775,143.25	$1,054,442,808.43

Obligations: PR	Amount
4200303811	$7,725,762.87
4200303484	$2,460,535.50
4200303515	$5,588,844.88
Total	$15,775,143.25

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 4

2. AMENDMENT/MODIFICATION NO.
000181

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$2,042,619.52

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 51.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,054,442,808.43 to $1,052,400,188.91 a decrease of $2,042,619.52, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and affect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
7-15-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$984,985,923.84.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through July 19, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 180	Obligation This Modification 181	Total Funding Thru Mod 181
Total Cost	$987,028,543.36	($2,042,619.52)	**$984,985,923.84**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,054,442,808.43	($2,042,619.52)	**$1,052,400,188.91**

De-obligations:	**WBS Element**	
PLI/ALI	**WBS**	**Amount**
367-480	401769.06.05.01.02.04	(16,409.28)
371-600	401769.06.05.01.02.11	(1,908.20)
379-420	736466.08.01.05.01	(46,144.56)
379-210	401769.06.05.01.02.04	(33,378.45)
382-340	401769.06.06.01.02.21	(13,362.23)
384-10	439432.04.19.05.03	(31,500.00)
387-110	401769.06.06.01.02.21	(6,063.83)
388-220	377816.06.02.05.03.10.02	(6,548.81)
389-120	377816.06.02.05.03.23.05	(3,299.06)
389-300	439432.04.19.05.03	(7,000.00)
389-310	439432.07.03.05	(5,000.00)
389-800	377816.06.02.05.03.01.02	(201.00)

390-250	377816.06.02.05.11.01.07	(6,922.49)
391-90	401769.06.05.02.02.01	(1,758.00)
391-30	401769.06.01.01.02	(12,846.71)
391-390	644423.06.31.06.02.10	(24,731.67)
391-320	038957.04.01.02.10	(5,000.00)
394-50	401769.06.03.03.02.06	(195,175.61)
394-510	401769.06.06.01.02.25	(10,000.00)
396-780	736466.09.01.05.03.11	(7,000.00)
396-470	377816.06.02.05.03.22.01	(25,000.00)
396-640	439432.04.19.05.03	(3,500.00)
397-280	401769.06.06.01.02.21	(34,000.00)
397-300	644423.06.31.03.05.10	(4,561.00)
397-200	377816.06.02.05.03.20.03	(24,999.59)
397-270	253225.04.01.02.08.02.10	(100,000.00)
397-320	644423.06.31.03.13.10	(18,991.12)
398-20	736466.09.01.05.02.04.01	(50,000.00)
399-410	736466.09.01.05.03.01	(15,728.85)
399-450	401769.06.03.03.02.06	(153,000.00)
399-70	401769.06.06.01.02.23	(300,000.00)
400-910	377816.06.02.05.03.17.04	(85,046.69)
400-630	644423.02.35.10	(30,000.00)
401-690	724297.40.44.05.06	(60,084.88)
401-640	644423.02.36.09.10	(58,025.00)
401-620	644423.02.36.06.10	(26,863.50)
401-720	736466.11.01.05.03	(9,368.33)
401-50	604746.01.01.01.12.10	(68,000.00)
401-40	401769.06.05.02.02.01	(25,500.00)
401-30	378343.10.01.01.02.09	(10,068.00)
401-70	401769.06.03.03.02.06	(102,466.90)
402-330	736466.09.01.05.03.11	(10,000.00)
403-830	401769.06.04.01.02.04	(55,000.00)
403-10	377816.06.02.05.11.01.07	(3,131.97)

403-710	644423.02.36.12.10	(15,000.00)
403-570	387498.04.01.02.02.10	(20,000.00)
403-530	644423.06.31.03.13.10	(50,000.00)
404-50	604746.01.01.01.12.10	(35,028.00)
404-20	377816.06.02.05.03.01.01	(468.00)
404-140	378343.10.01.01.02.11	(1,271.27)
404-90	399765.03.03	(68,853.00)
404-100	581570.03.04.08	(6,866.98)
404-120	401769.06.01.02.05	(125,505.78)
331-140	401769.06.08.02.03.07	(5,039.08)
338-290	401769.06.05.02.02.22	(7,001.68)
Obligations		**0.00**
Deobligations		**(2,042,619.52)**
	TOTAL	**(2,042,619.52)**

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

OMB APPROVAL #: 2700-0042

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	1. CONTRACT ID CODE	PAGE OF
182	See Block 16C		1 / 5

6. ISSUED BY	CODE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
NASA/Johnson Space Center Attn: Jessica Corley/BH 2101 NASA Parkway Houston, TX 77058		7. ADMINISTERED BY (If other than Item 6) NASA/Johnson Space Center Attn: Miyoshi Thompson/BH 2101 NASA Parkway Houston, TX 77058	CODE

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		
	9A. AMENDMENT OF SOLICITATION NO.	FACILITY CODE 9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
(X)	d. OTHER (Specify type of modification and authority) F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to increase the current IDIQ value in accordance with F.8 from $652,813,677 to $680,813,677, an increase of $28,000,000.00. Please see attached pages for clause revisions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Jessica Corley (Signature of Contracting Officer)	16C. DATE SIGNED 7/28/09

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

1. In accordance with Clause F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY, Clause B.2 ESTIMATED COST AND AWARD FEE and Clause B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITIY (IDIQ) - LIMITATIONS is hereby deleted in their entirety and replaced with the following, changes are in bold:

FROM:

"B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The estimated cost of this contract is $1,076,294,488. The maximum available award fee, excluding base fee, if any, is $77,976,976. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $1,154,271,464.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost	Maximum Award Fee	Total
Baseline Requirements	$311,286,510	$22,568,273	$333,854,783
Indefinite-Delivery-Indefinite-Quantity (NTE)	**$608,684,081**	**$44,129,596**	**$652,813,677**
Level-Of Effort	$131,786,531	$9,554,523	$141,341,054
LOE Materials	$23,787,366	$1,724,584	$25,511,950
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$1,076,294,488**	**$77,976,976**	**$1,154,271,464**

* Total value (cost and fee) of delivery orders issued: $624,316,030
** Total value (cost and fee) of task orders including LOE Materials issued:
$ b4
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)"

TO:

"B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The estimated cost of this contract is **$1,102,401,714**. The maximum available award fee, excluding base fee, if any, is **$79,869,750**. The base fee is $0. Total estimated cost, base fee, and maximum award fee are **$1,182,271,464**.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost	Maximum Award Fee	Total
Baseline Requirements	$311,286,510	$22,568,273	$333,854,783
Indefinite-Delivery-Indefinite-Quantity* (NTE)	**$634,791,307**	**$46,022,370**	**$680,813,677**
Level-Of Effort**	$131,786,531	$9,554,523	$141,341,054
LOE Materials	$23,787,366	$1,724,584	$25,511,950
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$1,102,401,714**	**$79,869,750**	**$1,182,271,464**

* Total value (cost and fee) of delivery orders issued: $624,316,030
** Total value (cost and fee) of task orders including LOE Materials issued: $160,778,889
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)"

FROM:

B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of **$652,813,677**. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $10,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of Clause)"

TO:

B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of **$680,813,677**. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $10,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of Clause)"

2. Clause F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY is hereby decreased by $28,000,000 as a result of the increase in B.2 ESTIMATED COST AND AWARD FEE and B.3. INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY-LIMITATIONS. Clause F.8 is hereby deleted in its entirety and replaced with the following, changes are in bold.

FROM:

"F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

The Government may increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract as provided herein. Should the Government elect to increase the indefinite-delivery-indefinite-quantity cost ceiling, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's rights as provided herein are as follows:

The Government may incrementally increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract, as needed, up to a maximum of $28,000,000 including cost and fee.

(End of Clause)"

TO:

"F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

The Government may increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract as provided herein. Should the Government elect to increase the indefinite-delivery-indefinite-quantity cost ceiling, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's rights as provided herein are as follows:

The Government may incrementally increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract, as needed, up to a maximum of **$0** including cost and fee.

(End of Clause)"

3. All other terms and conditions of the contract remain the same.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000183

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY — CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson / BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$413,525.46
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,052,400,188.91 to $1,051,986,663.45 a decrease of $413,525.46 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA — Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED 7/31/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$984,572,398.38.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 29, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 181	Obligation This Modification 183	Total Funding Thru Mod 183
Total Cost	$984,985,923.84	($413,525.46)	**$984,572,398.38**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,052,400,188.91	($413,525.46)	**$1,051,986,663.45**

De-obligations: PLI/ALI	WBS Element WBS	Amount
400-900	377816.06.02.05.03.17.03	(80,000.00)
400-950	401769.06.01.01.25	(108,638.00)
396-10	422607.07.01.03.01.05	(50,000.00)
399-360	644423.02.36.06.10	(27,288.74)
407-360	401769.06.05.02.02.27	(7,191.00)
367920	377816.06.02.05.11.01.07	(90,407.72)
406-110	411672.10.05.01	(50,000.00)
Obligations		0.00
Deobligations		(413,525.46)
	TOTAL	(413,525.46)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: 000184

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: See Schedule

5. PROJECT NO (*if applicable*):

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (*If other than Item 6*) — CODE: JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson / BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (*No., street, county, State and ZIP Code*)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (*SEE ITEM 11*)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (*SEE ITEM 13*) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (*If required*)
See Schedule — Net Increase: $15,969,445.61

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (*Specify authority*) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (*such as changes in paying office, appropriation date, etc.*) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (*Specify type of modification and authority*) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (*Organized by UCF section headings, including solicitation/contract subject matter where feasible.*)

The purpose of this modification is to: (1) increase the current contract funding from $1,051,986,663.45 to $1,067,956,109.06 an increase of $15,969,445.61 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (*Type or print*)

16A. NAME AND TITLE OF CONTRACTING OFFICER (*Type or print*)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(*Signature of person authorized to sign*)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(*Signature of Contracting Officer*)

16C. DATE SIGNED 8/7/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,000,541,843.99.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **October 15, 2009**.

(b) An additional amount of .s obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 183	Obligation This Modification 184	Total Funding Thru Mod 184
Total Cost	$984,572,398.38	$15,969,445.61	**$1,000,541,843.99**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,051,986,663.45	$15,969,445.61	**$1,067,956,109.06**

Obligations: PR	Amount
4200305412	$7,678,482.25
4200308263	$4,097,879.95
4200308517	$1,356,074.19
4200308520	$483,837.58
4200308543	$2,353,171.64
Total	$15,969,445.61

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000185

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 4200309515

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $2,036,135.64

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,067,956,109.06 to $1,069,992,244.70 an increase of $2,036,135.64 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED 8/13/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,002,577,979.63.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **October 15, 2009**.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 184	Obligation This Modification 185	Total Funding Thru Mod 185
Total Cost	$1,000,541,843.99	$2,036,135.64	**$1,002,577,979.63**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,067,956,109.06	$2,036,135.64	**$1,069,992,244.70**

Obligations: PR	Amount
4200309515	$2,036,135.64
Total	$2,036,135.64

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 4 PAGES

2. AMENDMENT/MODIFICATION NO.
000186

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$2,685,904.04

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,069,992,244.70 to $1,067,306,340.66 a decrease of $2,685,904.04 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 8/31/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$999,892,075.59.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through October 15, 2009.

(b) An additional amount of $67,414,265.07 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 185	Obligation This Modification 186	Total Funding Thru Mod 186
Total Cost	$1,002,577,979.63	($2,685,904.04)	**$999,892,075.59**
Fee	$67,414,265.07	$0.00	$67,414,265.07
Total	$1,069,992,244.70	($2,685,904.04)	**$1,067,306,340.66**

De-obligations:	**WBS Element**	
PLI/ALI	**WBS**	**Amount**
368-20	377816.06.02.05.03.20.01	(9,141.24)
369-320	736466.09.01.05.03.11	(2,000.00)
379-170	401769.06.06.01.02.04	(13,930.15)
382-610	574542.07.05	(2,546.00)
387-170	377816.06.02.05.03.20.01	(12,858.76)
390-270	401769.06.06.01.02.04	(870.49)
390-410	377816.06.02.05.03.04.01	(2,405.00)
391-60	736466.11.01.05.03	(74,598.83)
391-30	401769.06.01.01.02	(9,633.61)
393-60	724297.20.21.05.01	(32,000.00)
394-40	868800.03.04.01.03.02	(24,277.71)
395-10	736466.11.01.05.03	(156,263.00)
396-540	384573.06.01.01.10	(31,970.00)

396-770	736466.09.01.05.03.10	(5,000.00)
397-430	401769.06.03.03.02.03	(12,573.43)
397-180	377816.06.02.05.03.20.02	(79,891.51)
397-200	377816.06.02.05.03.20.03	(25,000.00)
399-510	401769.06.06.01.02.04.06	(49,053.00)
400-510	167530.02.05.0778.02	(196,000.00)
400-870	377816.06.02.05.03.12.04	(1,314.55)
400-850	377816.06.02.05.03.12.01	(0.01)
401-760	736466.09.01.05.03.03	(5,000.00)
401-320	401769.06.06.01.02.04.06	(29,592.28)
401-340	401769.06.06.01.02.04	(70,000.00)
401-270	439906.04.04.04	(13,688.99)
401-220	903184.04.02.03.02	(28,456.51)
401-640	644423.02.36.09.10	(8,535.95)
401-720	736466.11.01.05.03	(1,424.99)
402-80	378343.10.01.01.02.06	(84,000.00)
402-90	378343.10.01.01.02.07	(20,800.00)
402-200	401769.06.05.02.02.25	(41,090.00)
402-330	736466.09.01.05.03.11	(10,000.00)
404-10	401769.06.06.01.02.24	(1,536.09)
404-310	644423.02.36.11.10	(2,042.10)
404-190	401769.06.06.01.02.04.01	(4,370.57)
404-260	377816.06.02.05.03.10.01	(5,463.21)
404-270	644423.02.36.12.10	(3,277.92)
405-80	644423.02.38.02.10	(20,000.00)
406-80	401769.06.06.01.02.04	(1,000.00)
406-110	411672.10.05.01	(362,000.00)
406-180	644423.06.31.03.12.10	(30,000.00)
406-190	644423.02.36.11.10	(10,373.77)
406-200	644423.02.36.12.10	(20,586.85)
407-800	736466.09.01.05.02.01.01	(2,000.00)
407-30	359257.01.10.01	(32,381.09)

407-200	604746.07.03.10.03.10	(200,000.00)
407-680	401769.06.03.04.02.04	(0.01)
407-650	401769.06.01.01.24	(3,000.00)
408-800	644423.06.31.04.02.10	(340,794.05)
408-240	401769.06.04.02.02.04	(69,380.00)
620	401769.06.04.02.02.04	(210,000.00)
411-10	401769.06.06.01.02.06	(238,768.37)
412-30	377816.06.02.05.03.04.01	(35,014.00)
413-180	527813.02.01.01.05	(40,000.00)
Obligations		**0.00**
Deobligations		**(2,685,904.04)**
	TOTAL	**(2,685,904.04)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000187

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $17,404,915.86

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $1,067,306,340.66 to $1,084,711,256.52 an increase of $17,404,915.86 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

(Signature of person authorized to sign)

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
9/3/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,016,774,843.97** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **November 12, 2009**.

(b) An additional amount of **$67,936,412.55** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 186	Obligation This Modification 187	Total Funding Thru Mod 187
Total Cost	$999,892,075.59	$16,882,768.38	**$1,016,774,843.97**
Fee	$67,414,265.07	$522,147.48	**$67,936,412.55**
Total	$1,067,306,340.66	$17,404,915.86	**$1,084,711,256.52**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE			PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 000188	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$466,201.08

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,084,711,256.52 to $1,084,245,055.44 a decrease of $466,201.08 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 9/9/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,016,308,642.89.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 12, 2009.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 187	Obligation This Modification 188	Total Funding Thru Mod 188
Total Cost	$1,016,774,843.97	($466,201.08)	**$1,016,308,642.89**
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,084,711,256.52	($466,201.08)	**$1,084,245,055.44**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
333-160	825855.04.03.10	($14,808.60)
351-10	069746.02.05.0708.01	($4,457.09)
351-20	069746.02.05.0787.01	($54,341.21)
359-30	510505.05.05.07.08	($16,088.00)
390-60	401769.06.08.02.03.02	($73,814.12)
400-960	401769.06.03.04.02.03	($287.06)
407-750	644423.06.31.06.02.10	($3,000.00)
409-490	964946.02.07.01.01	($20,000.00)
413-250	604746.07.03.10.03.10	($165,000.00)
413-260	377816.06.02.05.10.04	($110,000.00)
413-310	736466.11.01.05.01.02	($3,101.00)
414-110	377816.06.02.05.03.25.04	($1,304.00)

Obligations		0.00
Deobligations		(466,201.08)
	TOTAL	(466,201.08)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: C00189

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: See Schedule

5. PROJECT NO (If applicable)

6. ISSUED BY CODE: JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE: JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No. street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $5,927,190.53

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor x is not is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,084,245,055.44 to $1,090,172,245.97, an increase of $5,927,190.53, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 9/17/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,022,235,833.42.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **November 11, 2009**.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 188	Obligation for Modification 189	Total Funding Thru Mod 189
Total Cost	$1,016,308,642.89	$5,927,190.53	$1,022,235,833.42
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,084,245,055.44	$5,927,190.53	$1,090,172,245.97

Obligations: PR	Amount
4200314157	$4,268,114.97
4200314156	$1,659,075.56
Total	$5,927,190.53

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000190

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$381,186.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,090,172,245.97 to $1,089,791,059.97, a decrease of $381,186.00, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
9/18/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,021,854,647.42.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 12, 2009.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 189	Obligation This Modification 190	Total Funding Thru Mod 190
Total Cost	$1,022,235,833.42	($381,186.00)	**$1,021,854,647.42**
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,090,172,245.97	($381,186.00)	**$1,089,791,059.97**

De-obligations: PLI/ALI	**WBS Element WBS**	**Amount**
394-340	401769.06.06.01.02.15	$ (30,000.00)
394-510	401769.06.06.01.02.25	$ (15,576.00)
404-10	401769.06.06.01.02.24	$ (1,689.22)
408-110	401769.06.05.01.02.04	$ (6,798.33)
408-230	401769.06.05.02.02.27	$ (30,575.67)
414-560	401769.06.01.01.01	$ (11,631.78)
416-160	401769.06.05.02.02.27	$ (184,915.00)
417-140	401769.06.05.01.02.04	$ (100,000.00)
Obligations		**0.00**
Deobligations		**(381,186.00)**
	TOTAL	**(381,186.00)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000191

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
4200315266

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $2,175,650.74
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) increase the current contract funding from $1,089,791,059.97 to $1,091,966,710.71 an increase of $2,175,650.74 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED 9/24/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,024,030,298.16.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November **14**, 2009.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 190	Obligation This Modification 191	Total Funding Thru Mod 191
Total Cost	$1,021,854,647.42	$2,175,650.74	**$1,024,030,298.16**
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,089,791,059.97	$2,175,650.74	**$1,091,966,710.71**

PR	Amount
4200315266	$2,175,650.74
Total	$2,175,650.74

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	CONTRACT I D CODE	PAGE OF PAGES	
		1	1042

2. AMENDMENT/MOD NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO
192	see 16c		

NASA/ Johnson Space Center Attn: Jessica Corley/BH 2101 NASA Parkway Houston, TX 77058-3696	CODE JSC	7. ADMINISTERED BY NASA/Johnson Space Center 2101 NASA Parkway Houston, TX 77058	CODE JSC

8. NAME AND ADDRESS OF CONTRACTOR *(No. Street, County, State and ZIP Code)*			
JACOBS TECHNOLOGY, INC. ATTN: PAUL SPICKARD, CONTRACTS MANAGER PO BOX 58447 HOUSTON, TX 77258-8447		(9)	9A. AMENDMENT OF SOLICITATION NO
		☐	9B. DATED *(SEE ITEM 11)*
		(10)	10A. MOD. OF CONTRACT/ORDER No NNJ05HI05C
CODE 07486	FACILITY CODE	☒	10B. DATED *(SEE ITEM 13)* 9/24/09

APPROVED
Deborah Johnson
JSC PROCUREMENT OFFICER
9/30/09
DATE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning one (1) copy of the amendment;
(b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
(c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(if required)*

Financial Management

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

☑ D. OTHER *(Specify type of modification and authority)*
Mutual Agreement of the Parties

IMPORTANT: Contractor IS required to sign this document and return 3 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

This mod. updates Sections A-J of the contract as a result of the negotiation of a 3-year contract extension. Mod. represents full and complete equitable adjustment for the parties for the subject changes herein. Increases are as follows: Baseline [redacted] (b) (4) LOE [redacted] (b) (4), IDIQ [redacted] (b) (4) Total $978,133,260. Terms & conditions of this contract are hereby deleted and replaced in their entirety by the following terms and conditions.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*	16A. NAME AND TITLE OF CONTRACTING OFFICER	
Lon F. Miller, Senior Vice President/General Manager	STEPHEN H. JANNEY	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	16B. UNITED STATES OF AMERICA *(Signature Of Contracting Officer)*	16C. DATE SIGNED 9/30/09

OMB Approval 2700-0042

AWARD/CONTRACT

1. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 350) ▶ RATING: DO-C9

PAGE 1 OF PAGES 1042

2. CONTRACT (Proc. Inst. Ident.) NO.: NNJ05HI05C

3. EFFECTIVE DATE: February 1, 2005

4. REQUISITION/PURCHASE REQUEST/PROJECT NO.:

5. ISSUED BY — CODE BH4

Lyndon B. Johnson Space Center, NASA
Attn: Robin P. Chapman
Projects Procurement Office
2101 NASA Parkway
Houston, TX 77058-3696

6. ADMINISTERED BY (If other than Item 6) — CODE BH4

Lyndon B. Johnson Space Center, NASA
Projects Procurement Office
2101 NASA Parkway
Houston, TX 77058-3696

7. NAME AND ADDRESS OF CONTRACTOR (No. street, county, state and ZIP Code)

Jacobs Technology, Inc.
Attn: Rogers F. Starr, President
600 William Northern Blvd.
P. O. Box 884
Tullahoma, TN 37388

Phone: (931) 455-6400

8. DELIVERY: ☐ FOB ORIGIN ☐ OTHER (See below)

9. DISCOUNT FOR PROMPT PAYMENT:

10. SUBMIT INVOICES (4 copies unless otherwise specified) TO THE ADDRESS SHOWN IN: ITEM G.4 – IDIQ Only; G.5 – Cost Only

CAGE CODE 07486 — FACILITY CODE

11. SHIP TO/MARK FOR — CODE

See Section F.9 – Shipping Instructions

12. PAYMENT WILL BE MADE BY — CODE LF231

NASA Johnson Space Center
LF231/Funding & Commercial Accounting Section
Houston, TX 77058-3696

13. AUTHORITY FOR USING OTHER FULL AND OPEN COMPETITION:
☐ 10 U.S.C. 2304(c)( ) ☐ 41 U.S.C. 253(c)( )

14. ACCOUNTING AND APPROPRIATION DATA

15A. ITEM NO.	15B. SUPPLIES/SERVICES	15C. QUANTITY	15D. UNIT	15E. UNIT PRICE	15F. AMOUNT
	Engineering Science Contract				See Section B.2

15G. TOTAL AMOUNT OF CONTRACT ▶ $

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	K	REPRESENTATIONS, CERTIFICATIONS AND OTHER STATEMENTS OF OFFERORS	
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	M	EVALUATION FACTORS FOR AWARD	

CONTRACTING OFFICER WILL COMPLETE ITEM 17 OR 18 AS APPLICABLE

17. ☒ CONTRACTOR'S NEGOTIATED AGREEMENT *(Contractor is required to sign this document and **return 4 copies** to issuing office.)* Contractor agrees to furnish and deliver all items or perform all the services set forth or otherwise identified above and on any continuation sheets for the consideration stated herein. The rights and obligations of the parties to this contract shall be subject to and governed by the following documents: (a) this award/contract, (b) the solicitation, if any, and (c) such provisions, representations, certifications, and specifications, as are attached or incorporated by reference herein. *(Attachments are listed herein.)*

18. ☐ AWARD *(Contractor is not required to sign this document.)* Your offer on Solicitation Number _____ including the additions or changes made by you which additions or changes are set forth in full above, is hereby accepted as to the items listed above and on any continuation sheets. This award consummates the contract which consists of the following documents: (a) the Government's solicitation and your offer, and (b) this award/contract. No further contractual document is necessary.

19A. NAME AND TITLE OF SIGNER *(Type or print)*: Rogers F. Starr, President

20A. NAME OF CONTRACTING OFFICER: Robin P. Chapman

19B. NAME OF CONTRACTOR _____ *(Signature of person authorized to sign)*

19C. DATE SIGNED

20B. UNITED STATES OF AMERICA BY _____ *(Signature of Contracting Officer)*

20C. DATE SIGNED

NSN 7540-01-152-8069
PREVIOUS EDITION UNUSABLE

26-107

STANDARD FORM 26 (REV. 4-85)
Prescribed by GSA FAR (48 CFR) 53.214(a)

A.2

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PART I - THE SCHEDULE

SECTION B - SUPPLIES OR SERVICES AND PRICE/COSTS

B.1 SUPPLIES AND SERVICES TO BE FURNISHED

The contractor shall provide all resources (except as expressly stated in this contract as furnished by the Government) necessary to accomplish the requirements of Engineering and Science Contract (ESC) Statement of Work set forth in Section C. The contractor shall provide engineering technical services and/or supplies as defined in the baseline, and individual indefinite-delivery-indefinite-quantity delivery orders and level-of-effort task orders issued within the scope of the Statement of Work in Section C. The contractor shall perform phase-in activities in accordance with the phase-in plan set forth in Section J, Attachment J-10, and Phase-In Plan.

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The maximum estimated cost of this contract is $2,013,400,337. The maximum available award fee, excluding base fee, if any, is $145,917,150. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $2,159,317,487.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost***	Maximum Award Fee	Total
Baseline Requirements	$517,103,212	$37,489,984	$554,593,196
Indefinite-Delivery-Indefinite-Quantity* (NTE)	$1,287,471,960	$93,341,717	$1,380,813,677
Level-Of Effort**	$177,939,457	$12,900,610	$190,840,067
LOE Non-Labor Resources	$30,135,708	$2,184,839	$32,320,547
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$2,013,400,337**	**$145,917,150**	**$2,159,317,487**

* Total value (cost and fee) of delivery orders issued: $659,644,253
** Total value (cost and fee) of task orders including Non-Labor Resources: $165,750,316
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)

B.3 INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS

Payment for supplies and services to be furnished under IDIQ delivery orders shall be made based on the total value of IDIQ delivery orders issued under this contract. Payments shall be in accordance with the provisions set forth in JSC 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT".

a. For the purpose of placing a maximum Not-To-Exceed (NTE) amount on this contract, the maximum amount of IDIQ supplies and services ordered in total under this contract shall not exceed the maximum NTE amount of $1,380,813,677. This NTE amount includes both cost and fee. The maximum NTE amount is an estimate and does not reflect an obligation of the Government. The Government's obligation hereunder shall be based on that specified in the task/delivery orders issued during the period of the contract.

b. The minimum amount of IDIQ supplies and services ordered in total and paid for under this contract shall be $18,000,000. This amount includes both cost and fee.

c. The total cost plus award fee contract value for IDIQ delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

d. The total value of IDIQ firm-fixed price task/delivery orders issued under this contract is listed under part b. of NFS 1852.216-85 "ESTIMATED COST AND AWARD FEE".

(End of clause)

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,411,804,621.02.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 22**, 2011.

(b) An additional amount of **$93,893,710.24** is obligated under this contract for payment of fee.

(End of Clause)

[END OF SECTION]

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SECTION C - STATEMENT OF WORK (SOW)

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ENGINEERING AND SCIENCE CONTRACT (ESC)

STATEMENT OF WORK (SOW)

1 BACKGROUND:

The Engineering and Science Contract (ESC) is a contract for support of the broad range of activities in the Engineering Directorate (EA) and the Astromaterials Research and Exploration Science Office (ARES) Directorate (KA) at the Johnson Space Center (JSC).

The Engineering Directorate provides products and technical services related to human operations in space through development and integration of a broad spectrum of engineering requirements. This includes providing technical expertise, investigative and analytical skills, and program experience. Co-location of laboratories, test, simulation, and manufacturing facilities provides for:

- Human Spacecraft Flight and Flight Development products
- Human Exploration Mission Planning for the Agency
- Institution Support Services
- Technology Development, Application and Transfer

ARES provides curatorial services for astromaterials collections, develops and operates world-class state-of-the-art laboratories, conducts extensive research on planetary materials and processes, as well as on the space environment, and provides dissemination of data to the scientific and academic communities through various media forums. ARES participates in a variety of NASA planetary missions, involving scientific interaction with other NASA Centers, in addition to supporting the Space Shuttle and Space Station programs at JSC.

The following statement of work defines the tasks to be performed by the contractor. The contractor shall be responsible for the overall successful performance of the ESC contract, and shall provide all necessary resources to meet contract requirements. All work completed under this contract shall comply with requirements contained in the applicable documents delineated in Section J, Attachment J-1, Applicable Documents.

1.0 BASELINE REQUIREMENTS

1.1 CONTRACT MANAGEMENT

The contractor shall develop and implement management functions to ensure that all Baseline (BL), Indefinite Delivery, Indefinite Quantity (IDIQ), and Level of Effort (LOE) work activities are accomplished in accordance with contract provisions. The contractor shall accomplish these management functions through management approach, organization, and controls that are determined by the contractor to be optimum. The contractor shall provide and maintain management systems for the planning, organization, control, and reporting of all activities required by this contract. These systems shall assure accomplishment of program technical and schedule requirements, and cost objectives.

The contractor shall provide a Contract Management Plan, and shall perform in accordance with Data Requirement Description (DRD) 001, which defines and integrates contract work activities and requirements including BL, IDIQ, and LOE across the contract, including subcontractor effort. The contractor's management structure shall fully integrate all related plans, including those of subcontractors and vendors.

The contractor shall provide and maintain a Work Breakdown Structure (WBS) in accordance with DRD 002, Work Breakdown Structure and Dictionary. This WBS shall serve as the framework for contract planning, budgeting, cost reporting and schedule status reporting to the Government.

The contractor shall conduct monthly Contract Management Reviews (CMRs) to status the contractor's financial and technical activities under the contract. Content of CMRs shall include: technical issues and accomplishments, analysis of cost and schedule performance data, and review of corrective actions plans in accordance with DRD 003, Contract Management Report.

1.1.1 Financial Management

The contractor shall provide financial reporting by cost element and include subcontractor financial data. The contractor shall provide supplemental reporting including: resource planning; cost reporting; geographical economic impacts assessments; invoicing; and disclosure requirements. The contractor's financial reporting shall be submitted in accordance with the DRD 004, Financial Management Report.

1.1.2 Configuration Management

The contractor shall develop and implement a Facility Configuration Management Plan in accordance with DRD 005, which includes: identification, control, verification, documentation of configuration and accountability for facility systems. The contractor shall develop and implement a Flight Products Configuration Management Plan in accordance with DRD 007 which includes: hardware, software and firmware; engineering drawings; hardware parts lists; as-designed vs. as-built vs. as-qualified hardware accounting and maintenance; limited shelf life; limited operational life; and time cycle life documentation and tracking. The contractor shall prepare and coordinate configuration control board directives, waivers, and deviations, and maintain accurate, complete, and current configuration management data.

The contractor shall conduct monthly status meetings to review the implementation of the configuration management plan and to status the resolution of configuration management corrective actions or problems.

1.1.3 Property Management

The contractor shall provide, and implement, a Property Management Plan in accordance with DRD 008. The contractor shall perform on-site property management and administration of all property acquired by or in possession of the contractor and subcontractors associated with the execution of this contract. The contractor shall identify the assets in Attachments J-3 and J-4 that are excess or obsolete, and initiate action for disposition. The contractor shall provide logistics reporting in compliance with DRD 022.

1.1.4 Data Management

The contractor shall develop and implement a Data Management Plan in accordance with DRD 009. This plan shall describe the management, preparation, control, and dissemination of data required under this contract. This plan shall define an integrated approach for data management including management of documentation.

The data management plan shall include provisions for electronic on-line access to contractor management systems including access and interface requirements. The contractor shall provide the Government with training required to access and use these systems.

1.1.5 Technical Data Management

The contractor shall provide technical data management, which provides for: direct interface with Government systems; real time secure access to contractor technical data; and concurrent engineering capability with real time interaction between NASA and contractor data systems.

1.1.6 Performance Measurement and Reporting

The contractor shall develop and implement a Performance Measurement System (PMS) in accordance with DRD 010. The level of detail for the system shall be consistent with the maturity and stability of the project elements. The contractor shall define specific metrics and the correlation of those metrics to specific contract requirements. In addition, the contractor's performance measurement system shall define specific measurements of management effectiveness. Performance measurement reporting is also required on subcontracts that, based upon risk, schedule criticality, or dollar value, have the potential to impact the successful fulfillment of this contract. The contractor shall develop, maintain, and report safety, cost, schedule, and technical performance metrics, which effectively indicate the level of the contractor's performance against the contract requirements.

A summary of the PMS report will be provided at the monthly CMR. The contractor shall provide NASA direct electronic access to the contractor PMS system. Technical issues and accomplishments, analysis of cost and schedule performance, and corrective actions in problem areas shall be provided. The PMS shall include and report Earned Value measurements.

1.2 Facility Maintenance and Operation

The contractor shall maintain and operate the facilities, at the operational status identified in Section J, Attachment J-14, EA/KA Facility Matrix. All EA facilities listed in Section J, Attachment J-14, EA/KA Facility Matrix, shall be in compliance with EA-WI-024 General Operating Procedures Manual for EA Testing Facilities. ALL KA facilities listed in Section J, Attachment J-14, EA/KA Facility Matrix shall be in compliance with KA-WI-001, ARES Master Work Instruction. Facility requirements include: flight and non-flight test operations; training; laboratory activities; research activities; curation activities, fabrication, hardware and software development, and certification and processing of prototype and flight hardware. The contractor shall be responsible for planning and scheduling facility functions to meet the needs of all facilities identified in Section J, Attachment J-14, EA/KA Facility Matrix.

1.2.1 Facility Maintenance

The contractor shall provide preventative, routine, and reparative maintenance for property associated with facility systems identified in Section J, Attachment J-14, EA/KA Facility Matrix.

The contractor shall operate, administer and maintain the computational, analytical, data and control systems and Government owned networks in support of facilities. This includes: mainframes; mini computers; servers; workstations (including laptops); software, and applications (including COTS and non-COTS); instrumentation; acquisition and control systems; and associated support equipment as identified in Section J, Attachment J-3, Installation Accountable Equipment and Facilities. The contractor shall assure system readiness to achieve test, laboratory, training, and computational analysis requirements.

1.2.2 Facility Operations

The contractor shall perform all necessary facility operations defined in Section J, Attachment J-14, EA/KA Facility Matrix. Tasks include: integration of requirements; verification of operational readiness; test buildup including flight and non-flight test hardware, preparation of hardware and software interface equipment, instrumentation, and control systems; new procedure and process development; maintenance of facility work instructions, databases and websites; identification and control of hazards, conduct of operations in hazardous environments which include human rated test operations, extreme temperatures, gaseous and liquid oxygen, gaseous hydrogen, carbon monoxide, nitrogen, cryogenics, high pressure gas systems and toxic materials such as anhydrous ammonia; and mitigation of hazardous conditions. The contractor shall provide test data packages for all test performed.

1.3 DATA AND SOFTWARE SYSTEMS

The contractor shall maintain, operate, and secure data and software systems which provide for the management, collection, preparation, publication, control and dissemination of information and technical data required by this contract. Proprietary or non-standard applications, protocols, or IT systems shall not be utilized without prior NASA contractual authorization.

1.3.1 Information Technology (IT)

The contractor shall develop and implement uniform IT management and operational approaches for all IT associated with this contract. The contractor shall develop and implement an IT Capital Planning and Investment Control Process in accordance with DRD 011, Information Technology Capital Planning and Investment Control (CPIC) Document. IT management shall extend to all IT areas including facility equipment, software, networks, and IT Data.

All contractor IT system administrators shall be certified by receiving a NASA System Administration Security Certificate. Certification is granted upon achieving a score above the certification level on both an Operating System test and the Network and Internet Security Test. The Certification earned under this process will be valid for three years. The NASA Chief Information Officer has established the criteria for this skills assessment. The objectives and procedures for this certification can be obtained by contacting the IT Security Awareness and Training Center. For the purposes of this requirement, a system administrator is defined as one who provides IT services, network services, files storage, web services, and takes or assumes the responsibility for the security and administrative controls of that service or machine.

1.3.2 Software Tools System Administration

The contractor shall maintain and administer Installation Accountable software as defined in Section J, Attachment J-15 EA/KA Software Tools Matrix. The contractor shall provide and maintain documentation of software configurations. The contractor shall provide problem resolution to users of these systems.

1.4 SAFETY AND MISSION ASSURANCE

1.4.1 Safety and Environmental Health

The contractor shall ensure the protection of personnel, property, equipment, and the environment. The contractor shall comply with NASA policies and requirements and federal, state, and local regulations for safety, health, environmental protection, and fire protection. The contractor shall develop and implement a Safety and Health Plan in accordance with DRD 012. Health and safety reporting requirements shall include an annual Safety and Health Program Self-Evaluation, Monthly Safety and Health Metrics Report, and Lessons Learned reporting in accordance with DRD 013, DRD 014, and DRD 015.

The contractor shall develop and implement risk management techniques (including risk assessment) to be applied to hazards derived from analyses of activities and products for eliminating or controlling hazards as specified in NASA policies and requirements for hazard reduction.

The contractor shall comply with JPG 1700.1, "JSC Safety and Health Handbook" which

provides detailed requirements and instructions regarding safety and health procedures and policies at JSC.

1.4.2 Reliability and Maintainability

The contractor shall comply with reliability and maintainability requirements contained in the applicable documents delineated in Section J, Attachment J-1, Applicable Documents.

1.4.3 Electrical, Electronic, and Electromechanical (EEE) Parts Control Plan

The contractor shall provide an EEE Parts Control Plan in compliance with SSP 30312 "Electrical, Electronic, and Electromechanical (EEE) and Mechanical Parts Management and Implementation Plan for Space Station Program" as specified in DRD 016.

1.4.4 Quality and Product Assurance

The contractor shall develop and implement a quality management system, which complies with ANSI/ISO/ASQ Q9001-2000, Quality Management Systems.
The contractor shall perform quality assurance and quality engineering for all hardware and software designed, developed, manufactured and tested under this contract. The contractor shall develop and maintain a Quality Plan in accordance with DRD 017.

For on-site, the contractor shall comply with the JSC Quality Management System as applicable to the activities performed. The contractor shall respond to JSC internal and ISO Registrar audits and prepare Corrective Action responses.

Workmanship shall be in accordance with the NASA-STD-8739 series, IPC s and ANSI/ESD S20.20-1999.

1.4.5 Government Source Inspection

The contractor shall submit procurement documents to the designated NASA quality representative for determination of the need for Government Source Inspection (GSI) prior to release of the procurement.

1.4.6 Reserved

1.4.7 Traceability

A system shall be in place to ensure identification of all materials/products whether separately produced discrete items, or material produced in batches, to ensure traceability to the original source/manufacturer and to determine verification status (e.g., materials have been tested and inspected as required by material specification). This system shall be maintained throughout the life of this contract, including: material/product receipt; all stages of production; delivery; and installation. Manufacturer's chemical and physical test results shall be provided for all raw materials purchased or the contractor shall obtain those results from the JSC Receiving, Inspection and Testing Facility. Records of test results shall be maintained and must be traceable to the procured articles.

1.4.8 Product Identification

Contractor flight hardware, flight software, and ground support equipment products fabricated, tested, or processed onsite JSC shall be tagged in a manner distinctly different from the JSC 911 tags, prior to government acceptance. Upon product delivery, the contractor shall replace their tag with a JSC 911 tag.

1.4.9 Calibration

The contractor shall have a documented calibration system that meets the requirements of ISO 10012 "Quality Assurance Requirements for Measuring Equipment". For calibration services utilizing the JSC Measurement Standards and Calibration Laboratory (MSCL), the contractor shall comply with, System Level Procedure 4.11, "Control of Monitoring and Measuring Devices".

1.4.10 Pressure Vessels and Pressurized Systems

The contractor shall implement JHB 1710.13, "Design, Inspection, and Certification of Pressure Vessels and Pressurized Systems," for all contractor-operated ground based Pressure Vessels/Systems (PV/S) on JSC property and JSC owned PV/S on contractor property.

1.4.11 Government and Industry Data Exchange Program (GIDEP) and NASA Advisory Problem Data Sharing and Utilization Program Documentation and Reporting

The contractor shall participate in GIDEP in accordance with NPR 8735.1 Procedure for Exchanging Parts, Materials, and Safety Problem Data Utilizing the Government Industry Data Exchange Program and NASA Advisories. The contractor shall provide GIDEP reporting in accordance with DRD 018.

1.4.12 Problem Reporting and Corrective Action (PRACA)

The contractor shall report problems and corrective action in accordance with JSC 28035, "Program Problem Reporting and Corrective Action (PRACA) Requirements for Johnson Space Center (JSC) Government Furnished Equipment (GFE)" and DRD 019.

1.4.13 Software Quality Assurance

The contractor shall develop and implement a Software Quality Assurance (SQA) program in compliance with requirements contained in the applicable documents delineated in Section J, Attachment J-1, Applicable Documents. SQA is applicable to the following categories of software and firmware: flight software and firmware; critical ground support software and firmware, software and firmware that are an integral part of the operational mission and software support tools used in (1) the development of flight and critical ground support software and firmware; and (2) test and integration of mission critical hardware, software, and firmware.

The contractor shall develop and implement a SQA Plan in accordance with the requirements specified in DRD 020.

1.4.14 Nonconformance Records

For off-site, the contractor shall establish and implement a closed loop system that documents all nonconformances in a consistent manner, and ensures the data is included and available as specified in the Nonconformance Record, DRD 021. Data shall be made available per SOW paragraph 1.1.5.

1.5 LOGISTICS

The contractor shall perform all shipping and receiving inspection functions for the ESC in accordance with Section D of this contract. These functions include: receiving and stocking of materials, mechanical and electronic parts; and inspection and receiving of finished products. The contractor shall ensure compliance with all applicable government forms and procedures relative to the handling, packaging and transporting of government property. Property under this contract will include everything from aerospace components, raw stock and piece parts to large, complex and bulky electronic assemblies and metal structures.

2.0 INDEFINITE DELIVERY INDEFINTE QUANTITY (IDIQ) REQUIREMENTS

2.1 TECHNICAL SERVICES

The contractor shall provide technical services and products per Delivery Orders for NASA programs and special projects.

2.1.1 Testing and Training

The contractor shall execute testing and training requirements which include: the execution of plans, the achievement of objectives; design, development, fabrication and integration of hardware, software and instrumentation; conduct of readiness reviews; generation of procedures; scheduling of facilities; collection, reduction and reporting of data and resolution of issues.

2.1.2 Engineering Assessments

The contractor shall provide assessments which include: space flight materials usage; metallographic; fracture control; structural integrity, structural loads; loads model verification; avionics systems integrity; electrical systems integrity; hardware and software integration; hardware and software requirements, change requests, specifications, and test plans; test procedures and results, analyses; crew procedures, flight rules, and flight techniques; critical technologies; software independent verification and validation; and safety products for Government owned and Payload Customer hardware and software. The contractor shall provide documentation packages as required in Delivery Orders for each type of assessment.

2.1.3 Facility Modifications

The contractor shall perform facility systems performance evaluations and facility systems modernization and upgrades for EA and KA facilities. The contractor shall transition facility operational readiness conditions for EA and KA facilities.

2.1.4 Website Development

The contractor shall design, develop, modify, test and install Websites. The contractor shall provide configuration documentation and training on new and modified websites.

2.1.5 Database Development

The contractor shall design, develop, test, implement, acquire, and document databases required to support data requirements on this contract. Technical databases include: real-time data acquisition; data archival; data analysis; requirements development; design criteria data; flight parameters data; and hardware lists. Management databases include: property records; logistics databases; flight and GSE records; and maintenance databases.

2.1.6 Astromaterials Research and Exploration Science

The contractor shall conduct scientific research and peer reviews in space related scientific fields such as astromaterials, astrobiology and Earth science. The contractor shall provide assessments of geological and planetary science projects in these and other related fields. Assessments shall include but not be limited to curation of samples, acquisition of analytical data, evaluation of findings, and providing technical data for abstracts, presentations, peer-review publications, and research proposals.

2.1.6.1 Astromaterials, Curation and Sample Handling

The contractor shall perform curation of samples including: Apollo Lunar samples; Antarctic meteorites; cosmic dust collected at high altitude; space exposed hardware as required by NPD 7100.1D; and future returned Lunar, Martian and cosmic returned samples. The contractor shall perform tasks which include: characterize and preserve collections in pristine condition; store them under controlled conditions; maintain security appropriate to the type of samples; distribute information about materials to the scientific and academic communities; prepare and distribute samples for allocation to approved investigators for scientific and educational purposes in accordance with allocation plans developed by NASA panels; and document and inventory such samples in accordance with approved procedures for each collection.

2.1.6.2 Earth and Space Science

The contractor shall perform Earth and space science research for human space flight and other activities. The contractor shall collect and catalog data, conduct analyses, update databases, and provide analytical products in the areas of Earth science, image science and analysis, hypervelocity debris impacts of spacecraft and in orbital debris monitoring.

2.1.6.2.1 Earth Science

The contractor shall perform tasks for ongoing real-time and on-call (24/7 as needed) services including: ephemeris planning for the International Space Station's (ISS's) Window Observational Research Facility (WORF) and its Earth Science remote sensing payloads; the ISS's Earth Science Toward Exploration Research (ESTER) payload; Crew Earth Observation (CEO) photography (Shuttle & ISS); and other means of photographic and imagery collection for all crewed vehicles. The contractor shall operate the Earth Observation Laboratory and the JSC Telescience Center. The contractor shall geolocate, interpret, catalog, maintain, and distribute returned WORF, ESTER, CEO and other imagery. The contractor shall train astronauts in earth science and remote sensing mission objectives for WORF, ESTER, and CEO.

2.1.6.2.2 Image Science and Analysis

The contractor shall perform quantitative engineering image analyses utilizing the Video Digital Analysis System (VDAS) laboratory and other tools for NASA programs for problem solving, mission safety, vehicle maintenance, vehicle performance and the Certification of Flight Readiness Process. Analyses shall be performed on film (still and motion), video, and electronic imagery acquired from both ground and flight cameras. The contractor shall provide 24-hour, on-call support for vehicle anomaly investigations and damage assessments.

2.1.6.2.3 Hypervelocity Impact

The contractor shall perform research in the measurement and modeling of orbital debris for NASA Programs. The contractor shall define the orbital debris environment and assess its risks. The contractor shall maintain and verify orbital debris environmental models, which include long-term prediction models for evaluating debris mitigation practices. The contractor shall assess short and long term risks to orbiting spacecraft and provide spacecraft and reentry risk assessments for satellite breakups as needed 24/7. The contractor shall develop debris mitigation techniques and practices to limit the generation of debris.

2.2 ANALYSIS

The contractor shall perform engineering and science analysis and tool development for NASA programs, and special projects.

2.2.1 Analytical Capability

The contractor shall develop and implement new analytical tools and math models and shall modify existing analytical tools and math models to support evolving engineering and science analysis requirements. The contractor shall validate the math model implementations and tool configurations using data from bench tests, ground tests, flight tests, and/or crosschecks with other equivalent independently configured tools. The contractor shall develop new computational capabilities and modify existing computational capabilities necessary to support the generation of the engineering and science analysis products. The contractor shall deliver documentation on the definition, configuration, and verification of the analytical math models. The contractor shall also deliver documentation on the configuration and verification of the NASA unique and COTS software tools. The contractor shall provide training on how to use the NASA unique software tools to perform the associated engineering and science analyses.

2.2.2 Analytical Products

The contractor shall provide analytical products associated with engineering and science requirements including: aerodynamics and aerothermodynamics; communications and tracking; environmental control and life support; fracture mechanics and fracture analysis; guidance, navigation, and control; imagery; meteoroid and orbital debris; space environments and contamination; structural loads and stress; autonomous flight management; contact dynamics; electronics; fluid dynamics; intelligent systems; kinematics including robotics; mass properties; power management; propellant management; rendezvous, proximity operations, and capture; structural dynamics and vibration; electromagnetic effects; thermal management; and spacecraft shielding designs.

The contractor shall perform flight systems analyses, which include: systems compatibility, software algorithm design, performance, flight reconstruction, and failure modes. Products shall include analytical math models, and results including data, algorithms and interpretation of results.

2.3 HARDWARE AND SOFTWARE PRODUCTS

The contractor shall provide flight certified hardware and software products and development products for NASA programs.

2.3.1 Product Development

The contractor shall provide hardware and software products for NASA Programs. Deliverable end items may include: certified flight hardware and software, flight payloads, flight and non-flight ground support equipment (GSE), prototypes, electronic and computer and camera systems, mockups, test articles, training hardware, laboratory test equipment, and research instruments.

The contractor shall perform tasks associated with product development including: maintenance; repair; hardware and software integration; inter/intra-center integration; pre and post flight processing; training; procedure development; and procedures for operational use for system and subsystem components for NASA program products.

The contractor shall provide formal documentation including: engineering drawings, analysis reports; technical specifications and reports, test procedures and reports, and operations manuals as appropriate for hardware or software type.

2.3.2 Flight Hardware and Software Certification

The contractor shall certify flight hardware and software. The contractor shall perform tasks including: analyses; certification test plan development; certification, verification, and acceptance testing of hardware and software components, subsystems and systems.

2.4 SAFETY AND MISSION ASSURANCE

The contractor shall perform safety and mission assurance activities for flight hardware and software including: system safety planning; reliability and maintainability predictions; safety and hazard analysis; Failure Modes and Effects Analysis (FMEA) and development of Critical Item Lists (CIL); life-cycle (wear-out) estimates for orbit maintainable items; Limited Life Items identification; qualitative maintainability assessment; and Acceptance Data Packages for each hardware and software deliverable.

2.5 EDUCATION, COMMERCIALIZATION, AND TECHNOLOGY OUTREACH

The contractor shall plan and implement educational, commercialization, and technology outreach activities including special projects, curriculum development, demonstrations, displays, seminars, and presentations.

The contractor shall develop outreach materials including brochures, multi-media products, exhibit materials, and newsletters. These materials shall be disseminated through activities including web based and educational forums, and other public events.

2.6 PAYLOAD AND RESEARCH INTEGRATION SERVICES

The contractor shall provide payload and research integration products and services associated with the International Space Station (ISS) which include: strategic-level research planning; tactical-level planning and payload manifesting; and execution-level planning and implementation through console operations and documentation of ISS payload mission accomplishments. The contractor shall produce promotional and educational products related to ISS payloads and research.

3.0 LEVEL-OF-EFFORT (LOE) REQUIREMENTS

3.1 TECHNICAL SERVICES

The contractor shall provide technical services per Task Orders for NASA programs and special projects.

3.1.1 First Article Development

The contractor shall perform trade studies; develop requirements and concepts; design, fabricate and assemble prototype, engineering development units, and first build flight hardware and software tools and products.

The contractor shall develop test requirements and plans; perform test bed buildup; develop test equipment for research and advanced hardware and software projects; and perform development, certification, and verification and acceptance testing.

3.1.2 Engineering Tasks

The contractor shall provide engineering services for human and robotic missions. These services shall include: mission architecture definition; mission design, and planning; and conceptual vehicle design and analyses for conducting trade studies to establish feasibility. Typical architecture elements include: launch vehicles; human-rated spacecraft; and elements including habitats and rovers used on planetary surfaces to enable human and robotic exploration.

The contractor shall perform engineering studies, analyses and crew training activities. Crew training activities include: development of mission scenarios; validation of initial conditions; production of visuals and displays; installation of session specific equipment; and verification of operational readiness.

The contractor shall provide engineering evaluation of facility systems and prepare proposals for the upgrade and modernization of facility systems. The contractor shall develop documentation for new systems including work instructions and hazard analyses.

The contractor shall perform engineering analyses and develop operational procedures for flight hardware and software products and on-orbit operational procedures.

The contractor shall integrate systems and payloads for Government and international partner hardware and software.

The contractor shall provide crew provisioning and manifesting for crew preference items in accordance with existing NASA regulations.

3.1.3 Flight Experiments

The contractor shall develop flight experiment test processes for flying equipment on reduced gravity aircraft. The contractor shall develop equipment and integrate Detailed Test Objectives (DTO) and flight experiments into the vehicle.

3.1.4 Mission Support

The contractor shall provide continuous Mission Evaluation Room (MER) technical services to perform pre-flight timeline reviews and real-time console monitoring during flight. The contractor shall perform administrative and documentation duties for the MER continuous operation for Space Vehicle missions including preparation before and follow-up after each flight and expedition. The contractor shall provide MER training and certification for MER mission engineers.

3.1.5 Technical Reviews, Boards and Panels

The contractor shall coordinate technical meetings, prepare system documentation, provide mission related products, and provide administrative support to program reviews, design reviews, control boards, and panels. The contractor shall document all products associated with technical services tasks.

3.1.6 Anomaly Analysis

The contractor shall perform anomaly analyses, propose anomaly issue resolution, implement corrective actions for facilities and laboratories, training and mockup hardware, ground support equipment configurations, and flight hardware and software. The contractor shall perform anomaly analysis for flight investigations.

3.2 ASTROMATERIALS CURATION

The contractor shall develop plans for recovery, receiving, de-integration, and distribution of astromaterials. The contractor shall conduct astromaterials research to advance the understanding of innovative curation techniques and processes. The contractor shall perform continuous improvement of processing techniques and astromaterials sample handling. The contractor shall develop requirements for future curatorial facility designs.

3.3 RESEARCH AND DEVELOPMENT

The contractor shall perform research and development including: human planetary mission architecture, vehicular design; astromaterials; planetary missions; biological; physical-chemical systems; dexterous robotics; vision and perception technologies; automated systems including rendezvous and mating systems; thermal control systems (passive and active); life support systems; space suit systems; mechanical systems; Microelectromechanical Systems (MEMS); Nanotechnology; Guidance and Navigation control systems; fuel liquefaction and storage systems; on-orbit manufacturing systems; electromagnetic systems; sensor systems; tracking systems; power transmission systems; avionics architecture systems; communication systems; microwave systems; instrumentation and wireless instrumentation; artificial intelligence systems; orbital debris; image analyses; and Earth observations.

3.3.1 Special Projects

The contractor shall perform scientific research for planning and execution of special projects. This activity includes developing requirements and plans for special projects and conducting basic research in the fields of astrobiology, astromaterials, geology, planetary sciences, orbital debris, hypervelocity impacts, image analyses, human exploration science, and Earth observation photography.

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PART I – THE SCHEDULE

SECTION D - PACKAGING AND MARKING

D.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

None included by reference.

(End Of Clause)

D.2 PACKAGING, HANDLING, AND TRANSPORTATION (NFS 1852.211-70) (SEP 2005)

(a) The Contractor shall comply with NASA Procedural Requirements (NPR) 6000.1, "Requirements for Packaging, Handling, and Transportation for Aeronautical and Space Systems, Equipment, and Associated Components", as may be supplemented by the statement of work or specifications of this contract, for all items designated as Class I, II, or III.
(b) The Contractor's packaging, handling, and transportation procedures may be used, in whole or in part, subject to the written approval of the Contracting Officer, provided (1) the Contractor's procedures are not in conflict with any requirements of this contract, and (2) the requirements of this contract shall take precedence in the event of any conflict with the Contractor's procedures.
(c) The Contractor must place the requirements of this clause in all subcontracts for items that will become components of deliverable Class I, II, or III items.

(End of Clause)

[END OF SECTION]

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PART I – THE SCHEDULE

SECTION E - INSPECTION AND ACCEPTANCE

E.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1) CLAUSES:

Firm-Fixed-Price Clauses

CLAUSE NUMBER	DATE	TITLE
52.246-2	AUG 1996	INSPECTION OF SUPPLIES - FIXED PRICE
52.246-4	AUG 1996	INSPECTION OF SERVICES - FIXED PRICE
52.246-16	APR 1984	RESPONSIBILITY FOR SUPPLIES

Cost Reimbursement Clauses

CLAUSE NUMBER	DATE	TITLE
52.246-3	MAY 2001	INSPECTION OF SUPPLIES - COST-REIMBURSEMENT
52.246-5	APR 1984	INSPECTION OF SERVICES - COST-REIMBURSEMENT

Clauses applicable to both Firm-Fixed-Price and Cost-Reimbursement:

II NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES:

CLAUSE NUMBER	DATE	TITLE
1852.246-73	MAR 1997	HUMAN-SPACE FLIGHT ITEM

(End of Clause)

E.2 HIGHER-LEVEL CONTRACT QUALITY REQUIREMENT (FAR 52.246-11) (FEB 1999)

The contractor shall comply with the higher-level quality standard selected below.

	Title	Number	Date	Tailoring
☒	Quality Management Systems - Requirements	ANSI/ISO/ASQ Q9001-2000	12/13/2000	Additional requirements in Paragraph 1.4.4
☒	Quality Assurance Requirement for Measuring Equipment	ISO 10012	12/13/2000	None

(End of clause)

E.3 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (NFS 1852.246-71) (OCT 1988)

In accordance with the inspection clause of this contract, the Government intends to perform the following functions at the locations indicated:

ITEM	QUALITY ASSURANCE FUNCTION	LOCATION
1	Resident Government Quality Representatives to perform surveillance, Government mandatory inspections, , and procurement quality assurance.	Contractor's Facility(s)

(End of clause)

E.4 MATERIAL INSPECTION AND RECEIVING REPORT (NFS 1852.246-72) (AUG 2003)

(a) At the time of each delivery to the Government under this contract, the contractor shall furnish a Material Inspection and Receiving Report (DD Form 250 series) prepared in 6 copies, an original and 5 copies.

(b) The contractor shall prepare the DD Form 250 in accordance with NASA FAR Supplement 1846.6. The contractor shall enclose the copies of the DD Form 250 in the package or seal them in a waterproof envelope, which shall be securely attached to the exterior of the package in the most protected location.

(c) When more than one package is involved in a shipment, the contractor shall list on the DD Form 250, as additional information, the quantity of packages and the package numbers. The contractor shall forward the DD Form 250 with the lowest numbered package of the shipment and print the words "CONTAINS DD FORM 250" on the package.

(End of Clause)

E.5 PRELIMINARY INSPECTION AT SOURCE AND FINAL INSPECTION AND ACCEPTANCE AT DESTINATION

Unless otherwise expressly stated in the delivery order or task order, preliminary inspection for compliance with the contract specifications and requirements may be performed at origin by an authorized representative of the Government, and final inspection and acceptance will be performed at NASA Lyndon B. Johnson Space Center by the Contracting Officer or his/her authorized representative.

(End of clause)

E.7 GOVERNMENT SOURCE INSPECTIONS (GSI)

Procurements which require GSI shall include the following statements:

"All work on this order is subject to inspection and test by the Government at any time and place. The Government quality representative who has been delegated quality assurance functions on this procurement shall be notified immediately upon receipt of this order. The Government representative shall also be notified 48 hours in advance of the time articles or materials are ready for inspection or test."

Procurements which do not require GSI shall include the following statement:

"The Government has the right to inspect any or all of the work included in this order at the supplier's plant."

(End of clause)

[END OF SECTION]

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PART I – THE SCHEDULE

SECTION F - DELIVERIES OR PERFORMANCE

F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

Firm-Fixed Price-Clauses

CLAUSE NUMBER	DATE	TITLE
52.242-15	AUG 1989	STOP-WORK ORDER
52.247-34	NOV 1991	F.O.B. DESTINATION

Cost Reimbursement Clauses

52.242-15	AUG 1989	STOP-WORK ORDER (ALTERNATE I) (APR 1984)

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

Cost Reimbursement Clauses

CLAUSE NUMBER	DATE	TITLE

(End of Clause)

F.2 COMPLETION OF WORK (applicable only to Part 1.0 of the SOW)

All work required under this contract, including submission of all reports, shall be completed on or before January 31, 2013.

(End of Clause)

F.3 PERIOD OF PERFORMANCE (applicable to Part 2.0 & Part 3.0 of SOW)

The period of performance of this contract shall be from February 1, 2005 through January 31, 2013. Contract phase-in period shall be from December 16, 2004 to January 31, 2005.

(End of Clause)

F.4 METHOD OF PLACING DELIVERY ORDERS (applicable only to Part 2.0 of the SOW)

Delivery Orders may be placed only by the Contracting Officer. Delivery Orders will be in writing on JSC Form 1429 or orally, followed by written confirmation. Delivery Orders will be numbered "1," second will be Number "2", and each succeeding Delivery Order will be numbered consecutively.

Each Delivery Order placed against this contract shall consist of the following information: (A) delivery order number and contract number; (B) place of delivery or performance (including consignee); (C) item/items ordered, including quantity, unit price, and amount of each; (D) date of order, and required delivery date; (E) name of person placing order; (F) funding and appropriation data; (G) Procurement placement code; (H) total amount; (I) signature of the Contracting Officer.

Amendments to orders may be issued in the same manner as original orders. Each order or amended order shall contain a citation of funds from which payment for the supplies or services ordered shall be made.

(End of Clause)

F.5 LEVEL-OF-EFFORT (applicable only to Part 3.0 of SOW)

(a) During the term of the contract (8 years), the Contractor is obligated to provide not less than 95% nor more than 105% of **3,190,434** total direct labor hours.

(b) "Direct labor hours" are those productive hours expended by Contractor personnel in performing work under this contract that are charged as direct labor under the Contractor's established accounting policy and procedures. The term does not include sick leave, vacation, holiday leave, military leave, or any type of administrative leave but does include direct labor hours provided under level-of-effort subcontracts.

(c) Once the maximum number of direct labor hours is reached or the contract term has ended, the Contractor's obligations under the contract are fulfilled, even though the specified work may not have been completed. The contractor is not authorized to exceed the maximum of the direct labor hours specified in paragraph (a) of this clause. Any estimated cost and fee(s) adjustments for additional direct labor hours shall be based solely upon those hours being added to the maximum number of direct labor hours specified in this clause through a modification to the contract.

(d) The fee, if any, is based upon the furnishing of at least the specified minimum number of direct labor hours, including subcontract hours. If the Contractor provides less than that specified minimum number of hours prior to expiration of the contract term, and the Government has not invoked its rights under the termination clause of this contract to adjust the contract for such reduced effort, the Contracting Officer may unilaterally make an equitable downward adjustment to the contract fee. The downward adjustment in fee will be based upon the difference between the minimum direct labor hours specified under this clause and the amount of direct labor hours provided by the Contractor. Prior to making such an adjustment, the Contracting Officer will request the Contractor provide a written discussion of any extenuating circumstances (e.g., productivity improvements or reductions in contract scope) which contributed to the underrun. Any information provided by the Contractor will be considered by the Contracting Officer in determining the amount of the downward adjustment in fee.

(End of Clause)

F.6 (RESERVED)

F.7 FLEX OPTION - LEVEL-OF-EFFORT (applicable only to Part 3.0 of SOW)

The Government may increase the number of direct labor hours required to be furnished by the contractor under the contract. If the Government elects to exercise its option to increase the number of direct labor hours to be furnished, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's option rights as provided herein are as follows:

a) The Government may increase the number of direct labor hours to be furnished by the contractor through the exercise of its option. The Government may exercise multiple flex options within this provision up a maximum number of direct labor hours identified.

b) If the Government exercises options pursuant to this provision the estimated cost and fee values will be increased as follows:

(1) The increase in estimated cost and available award fee (applicable to clause B.2) due to the exercise of a flex option, or multiple flex options, will be based on when flex option(s) are exercised. The following matrix specifies the increase in estimated cost and available award fee for each additional direct labor hour ordered through the exercise of a flex option, or multiple flex options.

Period	Direct Labor Cost	Maximum Award Fee	Total
Year 1			
Year 2			
Year 3			
Year 4			
Year 5			
Year 6			
Year 7			
Year 8			

Clause F.5, Level of Effort shall be modified to increase the maximum total direct labor hours by a range from 1 to 750,000 direct labor hours, as indicated in the unilateral modification.

Clause B.2, Estimated Cost and Fee, Level of Effort cost and fee shall be modified to reflect the addition of a maximum of $ _____ to the estimated cost and a maximum $_____ to the maximum award fee.

NOTE: ALL NON-LABOR RESOURCES SHALL BE HANDLED ON A CASE BY CASE BASIS.

(End of clause)

F.8 INCREASE IN INDEFINITE-DELIVERY-INDEFINITE-QUANTITY

The Government may increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract as provided herein. Should the Government elect to increase the indefinite-delivery-

indefinite-quantity cost ceiling, the contractor will be so notified by a unilateral modification to the contract executed by the Contracting Officer. The terms and conditions relating to the Government's rights as provided herein are as follows:

The Government may incrementally increase the indefinite-delivery-indefinite-quantity cost ceiling of the contract, as needed, up to a maximum of $0 including cost and fee.

(End of clause)

F.9 SHIPPING INSTRUCTIONS

All documentation shall be shipped to the addresses cited in this clause.

Shipment of all other items shall be as follows:

Parcel Post Shipments and Freight Shipments

Ship to: Transportation Officer
Building 421
NASA Johnson Space Center
2101 NASA Parkway
Houston, TX 77058-3696

Mark for: Accountable Property Officer 807402
Mark with: Purchase Request No. TBD
Contract Number: NNJ05HI05C
For reissue to: Technical Manager
(Name)
(Mail Code)

(End of clause)

F.10 FLIGHT ITEM (JSC 52.247-95) (SEP 1989)

Block 16 of each DD Form 250 prepared for hardware or equipment to be shipped under this contract must be annotated as follows in 1/4-inch letters or larger by handprinting or rubber stamp:

"THIS IS A FLIGHT ITEM" or "THIS IS MISSION ESSENTIAL GROUND SUPPORT EQUIPMENT", as applicable.

(End of clause)

F.11 BILLS OF LADING (NFS 1852.247-73) (JUN 2002)

The purpose of this clause is to define when a commercial bill of lading or a government bill of lading is to be used when shipments of deliverable items under this contract are f.o.b. origin.

(a) **Commercial Bills of Lading.>** All domestic shipments shall be made via commercial bills of lading (CBLs). The Contractor shall prepay domestic transportation charges. The Government shall reimburse the Contractor for these charges if they are

added to the invoice as a separate line item supported by the paid freight receipts. If paid receipts in support of the invoice are not obtainable, a statement as described below must be completed, signed by an authorized company representative, and attached to the invoice.
I certify that the shipments identified below have been made, transportation charges have been paid by (company name), and paid freight or comparable receipts are not obtainable.

Contract or Order Number: NNJ05HI05C
Destination:_____".

(b) **Government Bills of Lading**.

(1) International (export) and domestic overseas shipments of items deliverable under this contract shall be made by Government bills of lading (GBLs). As used in this clause, "domestic overseas" means non-continental United States, i.e. Hawaii, Commonwealth of Puerto Rico, and possessions of the United States.

(2)At least 15 days before shipment, the Contractor shall request in writing GBLs from: Cindy Ratcliff, Contract Transportation
2101 NASA Parkway, M/C JB7
Houston TX, 77058-3696

If time is limited, requests may be by telephone: (281) 483-3208
Requests for GBLs shall include the following information:

(i) Item identification/ description.
(ii) Origin and destination.
(iii) Individual and total weights.
(iv) Dimensional Weight.
(v) Dimensions and total cubic footage.
(vi) Total number of pieces.
(vii) Total dollar value.
(viii) Other pertinent data

[END OF SECTION)

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PART I – THE SCHEDULE

SECTION G - CONTRACT ADMINISTRATION DATA

G.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

Fixed Price Clauses:

None

Cost-Reimbursement Clauses:

CLAUSE NUMBER	DATE	TITLE
1852.242-71	DEC 1988	TRAVEL OUTSIDE OF THE UNITED STATES

Clauses applicable to both Firm-Fixed-Price and Cost-Reimbursement:

CLAUSE NUMBER	DATE	TITLE
1852.227-70	MAY 2002	NEW TECHNOLOGY
1852.227-86	DEC 1987	COMMERCIAL COMPUTER SOFTWARE-LICENSING
1852.242-73	NOV 2004	NASA CONTRACTOR FINANCIAL MANAGEMENT REPORTING
1852.245-73	OCT 2003	FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS – Fill-In Address: LF631/ Property Accounting, and JB3/Property Administrator

(End of clause)

G.2 AWARD FEE FOR SERVICE CONTRACTS (NFS 1852.216-76) (JUN 2000) (Cost Reimbursement Only)

(a) The contractor can earn award fee from a minimum of zero dollars to the maximum stated in NASA FAR Supplement clause 1852.216-85, "Estimated Cost and Award Fee" in this contract.

(b) Beginning 6 months after the effective date of this contract, the Government shall evaluate the Contractor's performance every 6 months to determine the amount of award fee earned by the contractor during the period. The Contractor may submit a self-evaluation of performance for each evaluation period under consideration. These self-evaluations will be considered by the Government in its evaluation. The Government's Fee Determination Official (FDO) will determine the award fee amounts based on the Contractor's performance in accordance with

Section J, Attachment J-11 Award Fee Plan. The plan may be revised unilaterally by the Government prior to the beginning of any rating period to redirect emphasis.

(c) The Government will advise the Contractor in writing of the evaluation results. The payment office listed under NFS 1852.216-87 "SUBMISSION OF VOUCHERS FOR PAYMENT" will make payment based on issuance of unilateral modification by Contracting Officer.

(d) After 85 percent of the potential award fee has been paid, the Contracting Officer may direct the withholding of further payment of award fee until a reserve is set aside in an amount that the Contracting Officer considers necessary to protect the Government's interest. This reserve shall not exceed 15 percent of the total potential award fee.

(e) The amount of award fee which can be awarded in each evaluation period is limited to what is set forth in the Award Fee Plan (Section J, Attachment J-11). Award fee, which is not earned in an evaluation period, cannot be reallocated to future evaluation periods.

(f)(1) Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is 75% of award fee available determined at the start of the award fee period.

(2) Provisional award fee payments will be superseded by the final award fee evaluation for that period. If provisional payments exceed the final evaluation score, the Contractor will either credit the next payment voucher for the amount of such overpayment or refund the difference to the Government, as directed by the Contracting Officer.

(3) If the Contracting Officer determines that the Contractor will not achieve a level of performance commensurate with the provisional rate, payment of provisional award fee will be discontinued or reduced in such amounts, as the Contracting Officer deems appropriate. The Contracting Officer will notify the Contractor in writing if it is determined that such discontinuance or reduction is appropriate.

(4) Provisional award fee payments will be made prior to the first award fee determination by the Government.

(g) Award fee determinations are unilateral decisions made solely at the discretion of the Government.

(End of clause)

G.3 (RESERVED)

G.4 SUBMISSION OF INVOICES (Applicable only to Part 2.0 (IDIQ) fixed-price delivery orders issued)

Invoices for fixed-price task/delivery orders issued and phase-in for this contract shall be submitted to:

NASA Lyndon B. Johnson Space Center
Attn: Mail Code **BH**, ESC Contracting Officer
2101 NASA Parkway
Houston, TX 77058-3696

(End of clause)

G.5 SUBMISSION OF VOUCHERS FOR PAYMENT (NFS 1852.216-87) (MAR 1998)
(Applicable to cost reimbursement vouchers)

(a) The designated billing office for cost vouchers for purposes of the Prompt Payment clause of this contract is indicated below. Public vouchers for payment of costs shall include a reference to the number of this contract.

(b)(1)If the contractor is authorized to submit interim cost vouchers directly to the NASA paying office, they shall be prepared in accordance with paragraph (c) of this clause and submitted to:

NASA Shared Services Center (NSSC)
Financial Management Division (FMD)
Accounts Payable
Bldg. 1111, C Road
Stennis Space Center, MS 39529-6000

(2) For any period that the Defense Contract Audit Agency (DCAA) has authorized the Contractor to submit interim vouchers directly to the Government paying office, interim vouchers are not required to be sent to the Auditor, and are considered to be provisionally approved for payment, subject to final audit.

(3) Copies of vouchers should be submitted as follows:

(i) Copy 1 - NASA **BH**, ESC Contracting Officer
(ii) Copy 2 - DCAA Auditor
(iii) Copy 3 - Contractor
(iv) Copy 4 - Contract Administration Office, if delegated
(v) Copy 5 - Project Manager

(c) If the contractor is not authorized to submit interim cost vouchers directly to the paying office as described in paragraph (b), the contractor shall prepare and submit vouchers as follows:

(1) One original Standard Form (SF) 1034, SF 1035, or equivalent Contractor's attachment to the cognizant DCAA office

(2) Five copies of SF 1034A, SF 1035A, or equivalent Contractor's attachment to the following offices by insertion in the memorandum block of their names and addressees:

(i) Copy 1 - NASA **BH**, ESC Contracting Officer
(ii) Copy 2 - DCAA Auditor
(iii) Copy 3 - Contractor
(iv) Copy 4 - Contract Administration Office, if delegated
(v) Copy 5 - Project Manager

(3) The Contracting Officer may designate other recipients as required.

(d) Public vouchers for payment of fee shall be prepared similarly to the procedure in paragraph (c) of this clause, and be forwarded to:

NASA Shared Services Center (NSSC)

Financial Management Division (FMD)
Accounts Payable
Bldg. 1111, C Road
Stennis Space Center, MS 39529-6000

This is the designated billing office for fee vouchers for purposes of the Prompt Payment clause of this contract.

(e) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate voucher for the amount withheld will be required before payment for that amount may be made.

(End of clause)

G.6 DESIGNATION OF NEW TECHNOLOGY REPRESENTATIVE AND PATENT REPRESENTATIVE (NFS 1852.227-72) (JUL 1997)

(a) For purposes of administration of the clause of this contract entitled "New Technology" or "Patent Rights -- Retention by the Contractor (Short Form)", whichever is included, the following named representatives are hereby designated by the Contracting Officer to administer such clause:

NEW TECHNOLOGY REPRESENTATIVE:
AF2/Innovateive Partnership Office
New Technology Rep. and Patent Rep.
NASA Johnson Space Center
Houston, TX 77058-3696

PATENT REPRESENTATIVE:
AL/Patent Counsel
NASA Johnson Space Center
Houston, TX 77058-3696

(b) Reports of reportable items, and disclosure of subject inventions, interim reports, final reports, utilization reports, and other reports required by the clause, as well as any correspondence with respect to such matters, should be directed to the New Technology Representative unless transmitted in response to correspondence or request from the Patent Representative. Inquires or requests regarding disposition of rights, election of rights, or related matters should be directed to the Patent Representative. This clause shall be included in any subcontract hereunder requiring a "New Technology" clause or "Patent Rights--Retention by the Contractor (Short Form)" clause, unless otherwise authorized or directed by the Contracting Officer. The respective responsibilities and authorities of the above-named representatives are set forth in 1827.305-370 of the NASA FAR Supplement.

(End of clause)

G.7 TECHNICAL DIRECTION (NFS 1852.242-70) (SEP 1993) (Cost Reimbursable Only)

(a) Performance of the work under this contract is subject to the written technical direction of the Contracting Officer Technical Representative (COTR), who shall be specifically appointed by the Contracting Officer in writing in accordance with NASA FAR Supplement 18-42.270. "Technical direction" means a directive to the Contractor that approves approaches, solutions, designs, or refinements; fills in details or otherwise completes the general description of work or

documentation items; shifts emphasis among work areas or tasks; or furnishes similar instruction to the Contractor. Technical direction includes requiring studies and pursuit of certain lines of inquiry regarding matters within the general tasks and requirements in Section C of this contract.

(b) The COTR does not have the authority to, and shall not, issue any instruction purporting to be technical direction that--

(1) Constitutes an assignment of additional work outside the statement of work;

(2) Constitutes a change as defined in the changes clause;

(3) Constitutes a basis for any increase or decrease in the total estimated contract cost, the fixed fee (if any), or the time required for contract performance;

(4) Changes any of the expressed terms, conditions, or specifications of the contract; or

(5) Interferes with the Contractor's rights to perform the terms and conditions of the contract.

(c) All technical direction shall be issued in writing by the COTR.

(d) The Contractor shall proceed promptly with the performance of technical direction duly issued by the COTR in the manner prescribed by this clause and within the COTR's authority.

If, in the Contractor's opinion, any instruction or direction by the COTR falls within any of the categories defined in paragraph (b) above, the Contractor shall not proceed but shall notify the Contracting Officer in writing within 5 working days after receiving it and shall request the Contracting Officer to take action as described in this clause. Upon receiving this notification, the Contracting Officer shall either issue an appropriate contract modification within a reasonable time or advise the Contractor in writing within 30 days that the instruction or direction is--

(1) Rescinded in its entirety; or

(2) Within the requirements of the contract and does not constitute a change under the changes clause of the contract, and that the Contractor should proceed promptly with its performance.

(e) A failure of the Contractor and Contracting Officer to agree that the instruction or direction is both within the requirements of the contract and does not constitute a change under the changes clause, or a failure to agree upon the contract action to be taken with respect to the instruction or direction, shall be subject to the Disputes clause of this contract.

(f) Any action(s) taken by the Contractor in response to any direction given by any person other than the Contracting Officer or the COTR shall be at the Contractor's risk.

(End of Clause)

G.8 INSTALLATION-ACCOUNTABLE GOVERNMENT PROPERTY (NFS 1852.245-71) (NOV 2004)

(a) The Government property described in the clause at 1852.245-77, List of Installation-Accountable Property and Services, shall be made available to the Contractor on a no-charge

basis for use in performance of this contract. This property shall be utilized only within the physical confines of the NASA installation that provided the property. Under this clause, the Government retains accountability for, and title to, the property, and the Contractor assumes the following user responsibilities:

Property Custodian Responsibilities: Reference NPG 4200.2

Chapter 2: Responsibilities

Section 2.3. Property Custodians

Section 2.4 Full Time Property Custodians

Paragraphs 2.4.1 and 2.4.2

Chapter 4: Operational Procedures

Section 4.2 Identification of Equipment

Paragraphs 4.2.8, 4.2.9, 4.2.10,

Section 4.3. Standard NEMS Reports for Property Custodians.

Paragraphs 4.3.1 through 4.3.4.5

Section 4.4. Inventory Procedures.

Paragraphs 4.4.1 through 4.4.5

Chapter 5. (Entire Content)

User Responsibilities: Reference Document (NPG 4200.2)

Chapter 2.

2.7. Responsibility of the Individual. The contractor shall ensure that each of its employees are responsible for Government property as follows: An employee has a duty to protect and conserve Government property and shall not use such property, or allow its use, for other than authorized purposes. Additional responsibilities include the following:

2.7.1. Reporting any missing or un-tagged (meeting the criteria for control) equipment, transfer, location change, or user change of equipment to the property custodian immediately.

2.7.2. Notifying the property custodian, supervisor, and the Center security officer immediately if theft of Government property is suspected.

2.7.3. Ensuring that equipment is used only in pursuit of approved NASA programs and projects.

2.7.4. Notifying the property custodian of equipment not actively being used for determination of proper disposition.

2.7.5. Ensuring that equipment is returned through the property custodian when no longer needed. Under no circumstances will an employee throw away Government equipment.

2.7.6. Assigned users retain all responsibilities including notifying property custodians of all activity associated with the user's assigned equipment.

2.8. The contractor must ensure that all on-site contractor employees notify the Contracting Officer, property custodian, and SEMO upon termination of employment.

Chapter 4.

4.2.11. The user will assist the custodian in completing NF 1618 and sign in the designated block.

The contractor shall establish and adhere to a system of written procedures for compliance with these user responsibilities.

(b)(1) The official accountable record keeping, physical inventory, financial control, and reporting of the property subject to this clause shall be retained by the Government and accomplished by the installation Supply and Equipment Management Officer (SEMO) and Financial Management Officer. Center Administrative requirements are spelled out in JPG 5151.2, JSC Support Contractor Procedures & Guidelines. If this contract provides for the contractor to acquire property, title to which will vest in the Government, the following additional procedures apply:

(i) The contractor's purchase order shall require the vendor to deliver the property to the installation central receiving area;

(ii) The contractor shall furnish a copy of each purchase order, prior to delivery by the vendor, to the installation central receiving area:

(iii) The contractor shall establish a record of the property as required by FAR 45.5 and 1845.5 and furnish to the Industrial Property Officer a DD Form 1149 Requisition and Invoice/Shipping Document (or installation equivalent) to transfer accountability to the Government within 5 working days after receipt of the property by the contractor. The contractor is accountable for all contractor-acquired property until the property is transferred to the Government's accountability.

(iv) Contractor use of Government property at an off-site location and off-site subcontractor use require advance approval of the Contracting Officer and notification of the SEMO. The contractor shall assume accountability and financial reporting responsibility for such property. The contractor shall establish records and property control procedures and maintain the property in accordance with the requirements of FAR Part 45.5 until its return to the installation.

(2) After transfer of accountability to the Government, the contractor shall continue to maintain such internal records as are necessary to execute the user responsibilities identified in paragraph (a) and document the acquisition, billing, and disposition of the property. These records and supporting documentation shall be made available, upon request, to the SEMO and any other authorized representatives of the Contracting Officer.

(End of clause)

G.9 LIST OF GOVERNMENT-FURNISHED PROPERTY (NFS 1852.245-76) (OCT 1988)

For performance of work under this contract, the Government will make available Government property identified in Section J, Attachment J-4, Contractor Accountable Property, of this contract on a no-charge-for-use basis. The Contractor shall use this property in the performance of this contract at the Johnson Space Center and at other location(s) as may be approved by the Contracting Officer. Under the FAR 52.245 Government Property clause of this contract, the Contractor is accountable for the identified property.

See Attachment J-4, Contractor Accountable Property

(End of clause)

G.10 LIST OF INSTALLATION-ACCOUNTABLE PROPERTY AND SERVICES

In accordance with the clause 1852.245-71, Installation - Accountable Government Property the Contractor is authorized use of the types of property and services listed below, to the extent they are available, in the performance of this contract within the physical borders of the installation which may include buildings and space owned or directly leased by NASA in close proximity to the installation, if so designated by the Contracting Officer.

(a) Office space, work area space, and utilities. Government telephones are available for official purposes only; pay telephones are available for contractor employees for unofficial calls.

(b) General - and special-purpose equipment, including office furniture.

(1) Equipment to be made available is listed in Attachment J-3, Installation-Accountable Equipment and Facilities. Software to be made available is listed in Attachment J-5, Installation-Accountable Software. The Government retains accountability for this property under the clause at 1852.245-71, Installation-Accountable Government Property, regardless of its authorized location.

(2) If the contractor acquires property, title to which vests in the Government pursuant to other provisions of this contract, this property also shall become accountable to the Government upon its entry into Government records as required by the clause at 1852.245-71, Installation-Accountable Government Property.

(3) The Contractor shall not bring to the installation for use under this contract any property owned or leased by the Contractor, or other property that the Contractor is accountable for under any other Government contract, without the Contracting Officer's prior written approval.

(c) Publications and blank forms stocked by the installation.

(d) Safety and fire protection for Contractor personnel and facilities.

(e) Installation service facilities:

1. Audiovisual: Presentation services, sound services, Release Print Film Library, Film Repository, and loan of audiovisual equipment.

2. Automatic Data Processing (ADP) Services (onsite only): Generally, this includes access to large general-purpose computer systems, workstations, and the accessing media;

i.e., terminals, printers, data communications, and consultation and training in the use of said systems. Unless otherwise specified in the contract, this does not include providing computer systems or ADP services for the Contractor business management, accounting, and administrative functions.

3. Transportation: Shuttle bus service for Contractor employees within the parameters provided for Government employees.

4. Disposal Services: Disposal services for excess onsite and offsite Contractor-held/Government-owned property.

5. Reserved

6. Photography, Processing, and Closed-Circuit Television: For technical and scientific photography, photographic processing, photographic sciences, and closed-circuit television.

7. Pickup and Delivery of Official Mail: Within the Center and to and from the Albert Thomas Post Office, provided the mail is properly sealed and stamped. Such mail will be picked up or dropped from only one point as designated by JSC or, if preferred, JSC will provide a box in the central mailroom for the Contractor to pick up and deposit its mail.

(f) Medical treatment of a first-aid nature for Contractor personnel injuries or illnesses sustained during on-site duty.

(g) Cafeteria privileges for Contractor employees during normal operating hours.

(h) Building maintenance for facilities occupied by Contractor personnel.

(i) Moving and hauling for office moves, movement of large equipment, and delivery of supplies. Moving services shall be provided on-site, as approved by the Contracting Officer.

(j) The user responsibilities of the Contractor are defined in paragraph (a) of the clause at 1852.245-71, Installation-Accountable Government Property.

(End of clause)

G.11 Security/Badging Requirements for Foreign National Visitors and Employees/Representatives of Foreign Contractors (JSC 52.204-91) (JAN 2006)

[Include in all contracts that may involve (1) contractor employees who are foreign nationals, including those who have lawful permanent resident (LPR) status (i.e., resident alien "green" card) or (2) U.S. or foreign employees/representatives of contractors/subcontractor that have foreign ownership and need to obtain access to the JSC site.]

(a) An employee of a domestic Johnson Space Center (JSC) contractor or its subcontractor who is not a U.S. citizen (foreign national) may not be admitted to the JSC site for purposes of performing work without special arrangements. In addition, all employees or representatives of a foreign JSC contractor/subcontractor may not be admitted to the JSC site without special arrangements. For employees as described above, advance notice must be given to the Security Office of the host installation [JSC or White Sands Test Facility (WSTF)] at least 3

weeks prior to the scheduled need for access to the site so that instructions on obtaining access may be provided. Contractors should be aware that approval for access to the site and issuance of a badge may take much longer than three weeks and sufficient lead time must be allowed to accommodate the approval process.

(b) All visit/badge requests for persons described in (a) above must be entered in the NASA Foreign National Management System (NFNMS) for acceptance, review, concurrence and approval purposes. When an authorized company official requests a JSC or WSTF badge for site access, he/she is certifying that steps have been taken to ensure that its contractor or subcontractor employees, visitors, or representatives will not be given access to export-controlled or classified information for which they are not authorized. The authorized company officials shall serve as the contractor's representative(s) in certifying that all visit/badge request forms are processed in accordance with JSC and WSTF security and export control procedures. No foreign national, representative, or resident alien contractor/subcontractor employee shall be granted access into JSC or WSTF until approved and processed through the NFNMS. Unescorted access will not be granted unless a favorable National Agency Check (NAC) has been completed by the JSC Security Office, and an approved NASA Foreign National Visitor Security/Technology Control Plan (STTCP), (previously called the Access Control Plan) has been submitted and approved.

(c) The contractor agrees that it will not employ for the performance of work onsite at the JSC or WSTF any individuals who are not legally authorized to work in the United States. If the JSC or WSTF Industrial Security Specialist or the contracting officer has reason to believe that any employee of the contractor may not be legally authorized to work in the United States and/or on the contract, the contractor may be required to furnish copies of Form I-9 (Employment Eligibility Verification), U.S. Department of Labor Application for Alien Employment Certification, and any other type of employment authorization document.

The contractor agrees to provide the information requested by the JSC or WSTF Security Office in order to comply with NASA policy directives and guidelines related to foreign visits to NASA facilities so that (1) the visitor/employee/ representative may be allowed access to JSC or other NASA Centers for performance of this contract, (2) required investigations can be conducted, and (3) required annual or revalidation reports can be submitted to NASA Headquarters. All requested information must be submitted in a timely manner in accordance with instructions provided by JSC or any other Center to be visited.

(End of clause)

G.12 USE OF JSC CALIBRATION LABORATORY

The contractor shall utilize the services of the JSC Calibration Laboratory to the maximum extent practicable for calibration of all instruments (Government property or contractor property) utilized under this contract, the total cost for maintenance of which would otherwise be a direct charge to the Government. The procedures for obtaining calibration of instruments are described in JSC Procedures and Guidelines 5151.2 - "JSC Support Contractor Procedures and Guidelines."

(End of clause)

G.13 JSC HAZARDOUS MATERIALS USE (JSC 52.223-92) (DEC 1999)

(a) This clause is JSC-unique, and the requirements are in addition to any U.S. Environmental Protection Agency, U.S. Occupational Safety and Health Administration, or other state or

Federal regulation or statute. Therefore, the following requirements do NOT supercede any statutory or regulatory requirements for any entity subject to this clause.

(b) "Hazardous materials," for the purposes of this clause, consist of the following:

(1) Those materials defined as "highly hazardous chemicals" in Occupational Safety and Health Administration Process Safety Management Regulation, 29 Code of Federal Regulation 1010.119, without regard for quantity.

(2) Those "extremely hazardous substances" subject to the emergency planning requirements in the Environmental Protection Agency Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 355, Part 355, without regard for quantity.

(3) Those "hazardous substances" subject to the release notification requirements under Environmental Protection Agency's Emergency Planning and Community Right-to-Know Regulation, 40 Code of Federal Regulation 302.4, without regard for quantity.

(4) Any radioisotope material or device that produces ionizing radiation.

(5) Any Class II, III, or IV laser as defined by the American National Standards Institute No. Z136.1 (1986)

(6) Any explosive or any pyrotechnics.

(7) Any pesticide.

(c) The contractor shall develop and maintain an inventory listing the identity and quantity of hazardous materials stored or used onsite at JSC for the performance of the contract.

(d) The contractor shall ensure that the proper training of its employees in the use and inherent hazards of these materials is accomplished prior to use.

(e) The contractor shall notify the JSC Occupational Health and Test Support Office (SD13) prior to any initial use or different application of these materials.

(f) The contractor shall use all hazardous materials properly and take all necessary precautions to ensure no harm is done to humans or the environment.

(g) The contractor shall insert the substance of this clause, including this Paragraph F with appropriate changes of designations of the parties, in subcontracts under which hazardous materials will be utilized, or may reasonably be expected to be utilized, onsite at JSC.

(h) In the event the contractor fails or refuses to comply with any aspect of this clause, such failure or refusal may be considered a material breach of this contract.

(End of clause)

G.14 UNDERSTANDING WITH RESPECT TO COST VARIATIONS

The estimated cost of this contract is based on cost estimates for a number of cost elements (e.g., direct labor, overhead, materials, travel). One or more of these estimates was made by the Government and provided to the contractor in the solicitation leading to this contract. The parties recognize that the contractor's obligation to perform tasks within the scope of the Statement of Work could result in actual contractor expenditures which are greater or less than the Government's estimates provided to the contractor for the related cost element. Should such be the case, the parties agree that there will be no adjustment to the fee provided for in this contract, nor to any other terms and conditions hereof, except the contract estimated cost, should that become necessary. Any such adjustment in estimated cost will be subject to the terms of the "Limitation of Cost" or "Limitation of Funds" clause hereof, whichever is applicable.

(End of clause)

G.15 Identification of Employees (JSC 52.242-92) (OCT 2006)

At all times while on Government property, the contractor, subcontractors, their employees, and agents shall wear badges which will be issued by the NASA Badging & Visitor Control Office, located in Building 110 at the Johnson Space Center (JSC), or at the Main Gate at the White Sands Test Facility (WSTF). JSC employee credentials and visitor badges will be issued only between the hours of 6:00 a.m. to 7:30 p.m., Monday through Friday, and 7:30 am to 3:00 pm on Saturday. WSTF employee badges will be issued only between the hours of 8 a.m. to 2 p.m., Monday through Friday. WSTF visitor badges will be issued on a 7-day-a-week, 24-hour-a-day basis. Resident aliens and foreign nationals/representatives shall be issued green foreign national badges.

Each individual who wears a badge shall be required to sign personally for the badge. The contractor shall be held accountable for issued badges and all other related items and must assure that they are returned to the NASA Badging & Visitor Control Offices upon completion of work under the contract in accordance with Security Management Directive (SMD) 500-15, "Security Termination Procedures." Failure to comply with the NASA contractor termination procedures upon completion of the work (e.g., return of badges, decals, keys, Controlled Access Area cards, clearance terminations, JSC Public Key Infrastructure (PKI)/special program deletions, etc.) may result in final payment being delayed.

(End of clause)

G.16 HUMAN RESEARCH POLICY AND PROCEDURES (JSC 52.242-93)(SEP 2000)

The contractor shall follow the human research policy and procedures stated in the current version (as of the effective date of the contract) of NASA Policy Directive 7100.8 - "Protection of Human Research Subjects," and shall furnish to the Contracting Officer, upon request, copies o f protocols and contractor documents showing contractor Human Research Committee approval of such protocols.

(End of clause)

G.17 REPAIR OF GOVERNMENT PROPERTY

When removal of Government-owned property from its place of use for repair is necessary, the contractor must prepare a JSC Form 1318 prior to removing the equipment. The form and instructions regarding its use are available from the Equipment Management Section, Building 419, Room 146, phone number 483-6524. The repaired Government property is to be returned to the location from which it was removed unless otherwise directed by the Government.

(End of clause)

G.18 CONTRACTOR REQUESTS FOR GOVERNMENT-OWNED EQUIPMENT PROPERTY (NFS 1852.245-70) (JUL 1997)

(a) **"Equipment,"** as used in this clause, means commercially available items capable of stand-alone use, including those to be acquired for incorporation into special test equipment or special tooling.

(b)(1) Upon determination of need for any Government-owned equipment item for performance of this contract, the contractor shall provide to the contracting officer a written request justifying the need for the equipment and the reasons why contractor-owned property cannot be used, citing the applicable FAR or contract authority for use of Government-owned equipment. Equipment being acquired as a deliverable end item listed in the contract or as a component for incorporation into a deliverable end item listed in the contract is exempt from this requirement.

(2) The contractor's request shall include a description of the item in sufficient detail to enable the Government to screen its inventories for available equipment or to purchase equipment. For this purpose, the contractor shall (i) prepare a separate DD Form 1419, DOD Industrial Plant Equipment Requisition, or equivalent format, for each item requested and (ii) forward it through the contracting officer to the Industrial Property Officer at the cognizant NASA installation at least 30 days in advance of the date the contractor intends to acquire the item. Multiple units of identical items may be requested on a single form. Instructions for preparing the DD Form 1419 are contained in NASA FAR Supplement 1845.7102. If a certificate of nonavailability is not received within that period, the contractor may proceed to acquire the item, subject to having obtained contracting officer consent, if required, and having complied with any other applicable provisions of this contract.

(c) Contractors who are authorized to conduct their own screening using the NASA Equipment Management System (NEMS) and other Government sources of excess property shall provide the evidence of screening results with their request for contracting officer consent. Requests to purchase based on unsuitability of items found shall include rationale for the determined unsuitability.

(End of clause)

[END OF SECTION]

PART I – THE SCHEDULE

SECTION H - SPECIAL CONTRACT REQUIREMENTS

H.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

None included by reference.

II. NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

Fixed Price Clauses:

None

Cost-Reimbursement Clauses:

CLAUSE NUMBER	DATE	TITLE
1852.223-76	JULY 2003	FEDERAL AUTOMOTIVE STATISTICAL TOOL REPORTING

Clauses applicable to both Firm-Fixed-Price and Cost-Reimbursement:

CLAUSE NUMBER	DATE	TITLE
1852.208-81	NOV 2004	RESTRICTIONS ON PRINTING AND DUPLICATING
1852.223-75	FEB 2002	MAJOR BREACH OF SAFETY OR SECURITY ALTERNATE I) (FEB 2006)
1852.225-70	FEB 2000	EXPORT LICENSES (ALTERNATE I) (FEB 2000) Insert in Paragraph (b),NASA Johnson Space Center
1852.228-72	SEP 1993	CROSS WAIVER OF LIABILITY FOR SPACE SHUTTLE ACTIVITIES
1852.228-76	DEC 1994	CROSS WAIVER OF LIABILITY FOR SPACE STATION ACTIVITIES
1852.228-78	SEP 1993	CROSS WAIVER OF LIABILITY FOR NASA EXPENDABLE LAUNCH VEHICLE (ELV) LAUNCHES
1852.235-73	DEC 2006	FINAL SCIENTIFIC AND TECHNICAL REPORTS (ALTERNATE II) (DEC 2005)
1852.244-70	APR 1985	GEOGRAPHIC PARTICIPATION IN THE AEROSPACE PROGRAM
1852.246-70	MAR 1997	MISSION CRITICAL SPACE SYSTEMS PERSONNEL RELIABILITY PROGRAM

(End of clause)

H.2 LIMITATION OF FUTURE CONTRACTING (NFS 1852.209-71) (DEC 1988)

(a) The Contracting Officer has determined that this acquisition may give rise to a potential organizational conflict of interest. Accordingly, the attention of prospective offerors is invited to FAR Subpart 9.5--Organizational Conflicts of Interest.

(b) The nature of this conflict is: The contractor might be in a position to favor its own products or capabilities and/or may have an unfair competitive advantage.

(c) The restrictions upon future contracting are as follows:
(1) If the Contractor, under the terms of this contract, or through the performance of tasks pursuant to this contract, is required to develop specifications or statements of work to be incorporated into a solicitation, the Contractor shall be ineligible to perform the work described in that solicitation as a prime or first-tier subcontractor under an ensuing NASA contract. This restriction shall remain in effect for a reasonable time, as agreed to by the Contracting Officer and the Contractor, sufficient to avoid unfair competitive advantage or potential bias (this time shall in no case be less than the duration of the initial production contract). NASA shall not unilaterally require the Contractor to prepare such specifications or statements of work under this contract.

(2) To the extent that the work under this contract requires access to proprietary, business confidential, or financial data of other companies, and as long as these data remain proprietary or confidential, the Contractor shall protect these data from unauthorized use and disclosure and agrees not to use them to compete with other companies.

(End of clause)

H.3 REPRESENTATIONS, CERTIFICATIONS, AND OTHER STATEMENTS OF OFFERORS

This contract incorporates Section K, Representations, Certifications, and Other Statements of Offerors, as set forth in the contractor's proposal NNJ-BH4-HA7-4-001P, dated July 12, 2004, by reference, with the same force and effect as if it were given in full text.

(End of clause)

H.4 SMALL BUSINESS SUBCONTRACTING GOALS (JSC 52.219-90) (OCT 2006)

For purposes of this clause, the terms, "HUBZone Small Business Concern," "Small Disadvantaged Business Concern," "Service Disabled, Veteran-Owned Small Business Concern," "Veteran-Owned Small Business Concern," "Women-Owned Small Business Concern," and "Historically Black College or University (HBCU)" are defined in paragraph 2.101 of the Federal Acquisition Regulation.

The total small business goal, expressed as a percent of total contract value, is 36% percent, including options. The small business percentage goal, 36%, includes the following goals expressed as a percent of total contract value:

Small Disadvantaged Business Concerns	20 percent
Woman-Owned Small Business Concerns	21 percent

HUBZone Small Business Concerns	6 percent
Veteran-Owned Small Business Concern	9 percent
Service Disabled, Veteran-Owned Small Business Concern	9 percent
HBCU's (includes other minority institutions)	1 percent

(End of clause)

H.5 (LIMITED) RELEASE OF CONTRACTOR CONFIDENTIAL BUSINESS INFORMATION (CBI)

(a) NASA may find it necessary to release information submitted by the Contractor pursuant to the provisions of this contract, to individuals not employed by NASA. Business information that would ordinarily be entitled to confidential treatment may be included in the information released to these individuals. Accordingly, by signature on this contract, the Contractor hereby consents to a limited release of its confidential business information (CBI).

(b) Possible circumstances where the Agency may release the Contractor's CBI include the following:

(1) To other Agency contractors and subcontractors, and their employees tasked with assisting the Agency in handling and processing information and documents in the administration of Agency contracts, such as providing post award audit support and specialized technical support to NASA;

(2) To NASA contractors and subcontractors, and their employees engaged in information systems analysis, development, operation, and maintenance, including performing data processing and management functions for the Agency.

(c) NASA recognizes its obligation to protect the contractor from competitive harm that could result from the release of such information to a competitor. Except where otherwise provided by law, NASA will permit the limited release of CBI under subparagraphs (1) or (2) only pursuant to non-disclosure agreements signed by the assisting contractor or subcontractor, and their individual employees who may require access to the CBI to perform the assisting contract.

(d) NASA's responsibilities under the Freedom of Information Act are not affected by this clause.

(e) The Contractor agrees to include this clause, including this paragraph (e), in all subcontracts at all levels awarded pursuant to this contract that require the furnishing of confidential business information by the subcontractor.

(End of clause)

H.6 PROVIDING FACILITY ITEMS

The purpose of this clause is to set forth the parties' intent regarding their respective responsibilities for providing facility items under this contract. The parties accordingly agree as follows:

(a) "Provide," as used in this clause, has the same meaning as set forth in NASA FAR Supplement 1845.301. "Facilities," as used in this clause, has the same meaning as set forth in FAR 45.301.

(b) The Government shall provide to the contractor the facilities identified in Attachment J-4, Government Furnished Property for use in performance of this contract.

(c) The contractor shall replace any of the existing facilities identified in (b) above that reach the end of their useful life during the contract period or which are beyond economical maintenance or repair, if the facilities are still needed for contract performance. Such replacements shall be made with contractor-owned facilities and shall not be a direct charge to the contract.

(d) The contractor shall not acquire facility items for the Government, unless specifically authorized by the contract or consent has been obtained in writing from the contracting officer pursuant to FAR 45.302-1(a). The contractor agrees to provide all facilities necessary for performance of this contract except as provided in (b) above.

(End of clause)

H.7 SPECIAL CLAUSE FOR CONTRACT CHANGES (Applicable only to Section 1.0 of the SOW)

The parties agree that notwithstanding the provisions of Section I Clause 52.243-2 Changes—Cost Reimbursement, no change made pursuant to this clause shall give rise to an equitable adjustment in the estimated cost and applicable fees when such change causes, (i) contract cost increases(s) totaling less than $650,000, or (ii) contract cost decrease(s) totaling less than $650,000, or (iii) a combination of contract cost increases and decreases which in the aggregate total (i.e. the absolute value of which is) less than $650,000. Each such change shall be controlling in making this determination, and such change shall not, for purposes of determining the applicability of the clause, be added to any other change(s) nor shall any other change be split into sub elements. The parties recognize that several changes may be grouped together in a bilateral contract modification for administrative purposes.

This clause applies to all contract changes authorized and issued pursuant to clause 52.243-2 and shall continue to apply to all such changes issued and authorized from date of contract award through the basic contract period and any option periods, if those option periods have been contractually exercised by the government.

(End of clause)

H.8 ENVIRONMENTAL MANAGEMENT SYSTEMS (EMS)

The contractor shall comply with all NASA, and local, state, and federal Government environmental regulations, policies and procedures including Environmental Executive Orders (EO13101, 13123, and 13148) and USDA Farm Bill Biobased Product purchasing requirements.

Onsite work activities shall be conducted in compliance with the JSC Environmental Management System (EMS). The JSC EMS provides for: (1) the identification of all contractor activities, services, and products that have environmental impacts, (2) annual reviews of work with environmental impacts, and (3) the evaluation of new work activities that have environmental impacts prior to initiation. The contractor shall ensure that on-site contractor personnel attend annual environmental training provided by the JSC Environmental Office.

The contractor shall consider the use of environmentally preferable alternatives when selecting materials, equipment, and processes when environmental alternatives offer comparable cost and performance. Environmentally preferable is defined as utilizing or enhancing conservation of resources (energy, water, renewable and non-renewable resources) and generating reduced quantity of or less toxic pollutants (ozone depleting substances, hazardous wastes, air pollutants).

Contractor on-site personnel shall re-cycle discarded materials including: scrap metal, batteries (lead, nickel/cadmium, silver, mercury), fluorescent lamps, paper, cardboard, pallets, aluminum cans, and any other material where on-site recycling is available.
The contractor shall consider the environmental costs for energy and water usage, waste disposal, regulatory oversight and permitting, and ultimate disposal when selecting materials, equipment, and processes.

The contractor shall comply with affirmative environmental procurement requirements and submit waivers for purchased products that do not meet minimum affirmative procurement requirements. The contractor shall provide an annual report of the products purchased on the Environmental Protection Agency's Comprehensive Procurement Guideline list: This annual report is due on the first of February and shall include:

1. Total cost of each listed item purchased
2. Total cost of each listed item purchased which contained the recommended percentages of recycled or bio-based content
3. The total cost of each listed item purchased that contained some recycled or bio-based content but less than the recommended percentages of recycled or bio-based
4. The number of waiver requests, the total cost of each waived item, and a narrative explanation of constraints for purchasing each item that did not meet affirmative procurement or bio-based content requirements during the fiscal year.

(End of clause)

H.9 NON-GOVERNMENT USE OF PLANT EQUIPMENT

The Government may allow non-government use of plant equipment by the contractor under this contract. If found appropriate by the Government through the Contracting Officer, the contractor and Government shall enter into a Reimbursable Agreement which will outline the benefit the Government will derive from the contractor's non-government use of designated property through rental receipts along with the terms and conditions related to the use of this equipment. Following the issuance of the Reimbursable Agreement, the contractor shall prepare a "Non-government Use of Plant Equipment" Plan, consistent with this clause and the Reimbursable Agreement, which will further define the responsibilities of the contractor and the Government.

The parties have determined that the contractor's percentage of non-government use of the Government equipment outlined in the Reimbursable Agreement shall not exceed 10 percent during the approved period. Actual use shall not exceed 15 percent without the prior approval of the Associate Administrator for Procurement.

The contractor's use of such property for such purposes shall be subject to the terms and conditions of this contract, as well as the terms and conditions outlined in the Reimbursable Agreement.

The Government recognizes the benefit it derives from the contractor's non-government use of designated property through rental receipts as defined under the Reimbursable Agreement and that this benefit through the contractor's ability to provide non-government use services to its customers is dependent upon the reliability of the contractor's access to the designated property.

The Contracting Officer shall have the authority to withdraw the permission granted for non-government use of the designated property at any time by giving a 30 days written notification.

The property authorized for non-Government use along with the terms and conditions for the use of this designated equipment will be set forth in the Reimbursable Agreement. Any dispute associated with this clause and/or the contractor's exercise of its authority for non-governmental use of the designated property shall be subject to the "Disputes" clause of this contract.

(End of clause)

H.10 CONTRACT TRANSITION REQUIREMENTS

This contract contains a phase-in period, which is required for the contractor to assume responsibilities for this contract. The contractor shall accomplish those activities identified in Section J, Attachment J-10, Phase-In Plan.

The phase-in period is defined as the period from the date of contract award (date the contract is signed by the Government) through January 31, 2005. Upon completion of all of the milestones identified as part of the phase in period, the contractor shall submit a proper voucher in accordance with contract clause G.3, Payments. The Phase-In period is based on fixed-price milestones and will not be assessed in any award fee evaluation under this contract. If the contractor does not deliver a milestone on or before the due date as identified in Section J, Attachment J-10, Phase In Plan, payment will be made at a lesser amount to be negotiated.

(End of clause)

H.11 LIMITATION OF FUNDS (FIXED-PRICE CONTRACT) 1852.232-77 (MAR 1989)

(Applicable only to Part 2.0 (IDIQ) fixed-price delivery orders issued)

(a) Of the total price of items through $TBD, the sum of $TBD is presently available for payment and allotted to this contract. It is anticipated that from time to time additional funds will be allocated to the contract in accordance with the following schedule, until the total price of said items is allotted:

SCHEDULE FOR ALLOTMENT OF FUNDS	
Date	Amounts

(b) The Contractor agrees to perform or have performed work on the items specified in paragraph (a) of this clause up to the point at which, if this contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause would, in the exercise of reasonable judgment

by the Contractor, approximate the total amount at the time allotted to the contract. The Contractor is not obligated to continue performance of the work beyond that point. The Government is not obligated in any event to pay or reimburse the Contractor more than the amount from time to time allotted to the contract, anything to the contrary in the Termination for Convenience of the Government clause notwithstanding.

(c) (1) It is contemplated that funds presently allotted to this contract will cover the work to be performed until _____.

(2) If funds allotted are considered by the Contractor to be inadequate to cover the work to be performed until that date, or an agreed date substituted for it, the Contractor shall notify the Contracting Officer in writing when within the next 60 days the work will reach a point at which, if the contract is terminated pursuant to the Termination for Convenience of the Government clause of this contract, the total amount payable by the Government (including amounts payable for subcontracts and settlement costs) pursuant to paragraphs (f) and (g) of that clause will approximate 75 percent of the total amount then allotted to the contract.

(3) (i) The notice shall state the estimate when the point referred to in paragraph (c)(2) of this clause will be reached and the estimated amount of additional funds required to continue performance to the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it.

(ii) The Contractor shall, 60 days in advance of the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, advise the Contracting Officer in writing as to the estimated amount of additional funds required for the timely performance of the contract for a further period as may be specified in the contract or otherwise agreed to by the parties.

(4) If, after the notification referred to in paragraph (c)(3)(ii) of this clause, additional funds are not allotted by the date specified in paragraph (c)(1) of this clause, or an agreed date substituted for it, the Contracting Officer shall, upon the Contractor's written request, terminate this contract on that date or on the date set forth in the request, whichever is later, pursuant to the Termination for Convenience of the Government clause.

(d) When additional funds are allotted from time to time for continued performance of the work under this contract, the parties shall agree on the applicable period of contract performance to be covered by these funds. The provisions of paragraphs (b) and (c) of this clause shall apply to these additional allotted funds and the substituted date pertaining to them, and the contract shall be modified accordingly.

(e) If, solely by reason of the Government's failure to allot additional funds in amounts sufficient for the timely performance of this contract, the Contractor incurs additional costs or is delayed in the performance of the work under this contract, and if additional funds are allotted, an equitable adjustment shall be made in the price or prices (including appropriate target, billing, and ceiling prices where applicable) of the items to be delivered, or in the time of delivery, or both.

(f) The Government may at any time before termination, and, with the consent of the Contractor, after notice of termination, allot additional funds for this contract.

(g) The provisions of this clause with respect to termination shall in no way be deemed to limit the rights of the Government under the default clause of this contract. The provisions of this Limitation of Funds clause are limited to the work on and allotment of funds for the items set forth in paragraph (a) of this clause. This clause shall become inoperative upon the allotment of funds for the total price of said work except for rights and obligations then existing under this clause.

(h) Nothing in this clause shall affect the right of the Government to terminate this contract pursuant to the Termination for Convenience of the Government clause of this contract.

(End of clause)

H.12 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below (or specified in the contract Schedule) are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

b4

(End of clause)

H.13 ADDITIONAL EXPORT CONTROL REQUIREMENTS

In addition to the requirements established by NFS 1852.225-70 EXPORT LICENSES, the contractor is also required to perform the following tasks to ensure compliance with Department of Commerce and Department of State export control regulations.

Provide to the JSC Export Services Team (EST); in writing, advanced "notification to ship" for all Program related deliveries. The following requirements must be met to use Department of Commerce or Department of State export licenses obtained on behalf of NASA and to use export license exceptions or exemptions as they apply to the International Space Station Program.

A minimum of 15 working days prior to shipment, contractors shipping on behalf of NASA must obtain approval from the Center Export Administrator's (CEA) office by following an Advance Notification of Shipment (ANS) process. Formal letter, fax or email is sufficient, addressed to the CEA's office, and must include the details listed below.

- NASA license number (include date of expiration) or license exception or other exception.
- Quantity and description as it appears on the applicable license.
- Date of planned shipment (and expected date of return if not a permanent export).
- Origin of shipment (Company and city).
- Destination of shipment (Country, city and company).
- Point of contact (for technical questions – must be a representative of the originating shipper).

- Export Classification Control Number (ECCN) or category under Export Administration Regulations or United Sates Munitions List regulations.
- Rationale for classification.
- Requirement to export (i.e., MOU, contract number, meeting minutes). You may be asked to provide copy of the requirement.
- Additional information as necessary to clarify the export.
- A copy of the completed Pro Forma Invoice (JSC Form 1735) attached to an email is sufficient to meet this requirement as long as all required information above is also included.
- After all the correct information is submitted, the CEA's office will respond within 10 working days. Once approved, NASA will provide the destination control statement to use on all shipping documentation.
- Included in the applicable export exceptions, contractors are authorized to ship hardware, software or data to ISS International Partner (IP) governmental offices that meet the conditions of license exception GOV (15 CFR 740.11(b)(2)(iii)(A)).
- For Verification of End Use, Contractors shipping on behalf of NASA using a license or license exception or exemption must provide a copy of all shipping documentation within two business weeks of the shipment date to the CEA's office.
- In addition, if an export is temporary, contractors shipping on behalf of NASA must notify the CEA in writing within 5 business days of the date that the item was actually returned.
- The contractor must keep the complete records required by Department of Commerce and Department of State regulations for all exports and make them available upon request to NASA and auditors.
- These guidelines do not include commercial exports or exports pursuant to Technical Assistance Agreements for which the contractor will be the exporter of record.

Before affecting an export on behalf of NASA, the contractor must determine classification on the item or document and whether it needs a license. Also, the contractor shall include a technical rationale supporting the classification and the appropriate labeling for document items.

For deliveries under this contract that will be exported by NASA, the contractor shall provide information in support of export documentation including appropriate labeling for documented items, the export control classification, and technical rationale supporting the classification.

Perform annual audits of the approved export control processes and provide written audit results to the CEA in accordance with DRD C-II-02.

Proactively plan for and address export control requirements and issues on all technical tasks and provide a written report on any potential export issues that cannot be resolved by the contractor to the JSC EST, including those related to support of sustaining engineering and operations of ISS. Notification of issues and technical tasks should be given to the JSC EST at least 3 months in advance or immediately upon discovery on issues that are unforeseen.

(End of clause)

H.14 SUBCONTRACTING WITH RUSSIAN ENTITIES FOR GOODS OR SERVICES

(a) Definitions: In this provision:

i) The term "Russian entities" includes the following:

(1) The Russian Federal Space Agency (Roscosmos),
(2) Any organization or entity under the jurisdiction or control of Roscosmos, or
(3) Any other organization, entity, or element of the Government of the Russian Federation.

ii) The term "Organization or entity under the jurisdiction or control of Roscosmos" means an organization or entity that:

(1) Was made part of the Russian Federal Space Agency upon its establishment on February 25, 1992;
(2) Was transferred to the Russian Federal Space Agency by decree of the Russian Government on July 25, 1994, or May 12, 1998;
(3) Was or is transferred to the Russian Aviation and Space Agency or Russian Federal Space Agency by decree of the Russian Government at any other time before, on, or after March 14, 2000; or
(4) Is a joint stock company in which the Russian Aviation and Space Agency or Russian Federal Space Agency has at any time held controlling interest.

iii) The term "extraordinary payments" means payments in cash or in kind made or to be made by the United States Government prior to January 1, 2012, for work to be performed or services to be rendered prior to that date necessary to meet United States obligations under the Agreement Concerning Cooperation on the Civil International Space Station, with annex, signed at Washington January 29, 1998, and entered into force March 27, 2001, or any protocol, agreement, memorandum of understanding, or contract related thereto.

(b) This clause implements the Iran and Syria Nonproliferation Act (the Iran Nonproliferation Act as amended by the Iran Nonproliferation Amendments Act of 2005) to allow extraordinary payments prior to January 1, 2012 to Russian entities in connection with the International Space Station. NASA has applied the restrictions in the Act to include funding of Russian entities via U.S. contractors.

(c)(i) The Contractor shall not subcontract with Russian entities without first receiving written approval from the Contracting Officer. Any costs incurred under subcontracts with Russian entities shall be deemed an unallowable cost unless the contractor or subcontractor has obtained prior written approval from the Contracting Officer to enter into such subcontracts. In order to obtain this written approval to subcontract with any Russian entity as defined in paragraph (a), the Contractor shall provide the Contracting Officer with the following information related to each planned new subcontract and any change to an existing subcontract with entities that fit the description in paragraph (a):

(1) A detailed description of the subcontracting entity, including its name, address, and a point of contact, as well as a detailed description of the proposed subcontract including the specific purpose of payments that will made under the subcontract.
(2) The contractor shall provide certification that the subcontracting entity is not on any of the denied parties, specially designated nationals and entities of concern lists found at: http://www.hq.nasa.gov/office/oer/nasaecp/Welcome.html as of the date of the subcontract approval request.

Denied Parties, Specially Designated Nationals and Entities of Concern
BIS's Listing of Entities of Concern
BIS's List of Denied Parties

Debarred Parties Listing
OFAC's List of Specially Designated Nationals *(Adobe PDF format)*
List of Unverified Persons in Foreign Countries
http://www.state.gov/t/isn/c15231.htm

(ii) Unless relief is granted by the Contracting Officer, the information necessary to obtain approval to subcontract shall be provided to the Contracting Officer 30 business days prior to executing any planned subcontract with entities defined in paragraph (a).

(d) After receiving approval to subcontract, the contractor shall provide the Contracting Officer with a report every six-months which documents the individual extraordinary payments made to an entity in paragraph (a). The reports are due on July 15th and January 15th. The July 15th report should document all of the individual extraordinary payments made from the previous January through June. The January 15th report should document all of the individual extraordinary payments made from the previous July through December. The content of the report shall provide the following information for each time an extraordinary payment is made to an entity in paragraph (a):

(i) The name of the entity
(ii) The subcontract number
(iii) The amount of the payment
(iv) The date of the payment

(e) The Contracting Officer may direct the Contractor to provide additional general information for any other prospective or existing subcontract at any tier. The Contractor is not responsible for performing independent audits or business reviews of a proposed entity for the purposes of compliance with this clause. The Contracting Officer may direct the Contractor to terminate for the convenience of the government any subcontract at any tier with an entity described in paragraphs (a), and such action may be subject to an equitable adjustment.

(f) Notwithstanding FAR 52.216-7, "Allowable Cost and Payments," on or after January 1, 2012 the contractor shall be responsible to make payments to entities defined in paragraphs (a) of this provision. Any subcontract with entities defined in paragraph (a), therefore, should be completed in sufficient time to permit the U.S. Government to make extraordinary payments on subcontracts with Russian entities on or before December 31, 2011.

(g) The Contractor shall include the substance of this clause in all its subcontracts, and shall require such inclusion in all other subcontracts of any tier. The Contractor shall be responsible to obtain written approval from the Contracting Officer to enter into any lower tier subcontract that involves entities defined in paragraph (a).

(End of Clause)

H.15 ADMINISTRATIVE LEAVE (FAR 52.242-94) (JSC Procurement Instruction) (SEP 2008)

(a) When the NASA installation grants administrative leave to its Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), the following personnel should also be dismissed upon notification of a center closure provided by the Contracting Officer:

1. Contractor personnel working on-site; and

2. Contractor personnel dedicated to the contract effort who are

A. working off-site within 10 miles of JSC; and

B. unable to perform their NASA contract duties at their off-site location because their normal place of business has been or is expected to be negatively impacted by an emergency situation (e.g. has sustained damage, has been evacuated, etc.).

However, the contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative.

(b) Administrative leave granted under this clause shall be subject to modification or termination by the Contracting Officer and in all instances shall be subject to the availability of funds. The cost of salaries and wages to the Contractor for the period of any such excused absence shall be a reimbursable item of cost under this contract for effected employees in accordance with the Contractor's established accounting policy.

1. If a labor hour-based contract, administrative leave granted under this clause shall be accounted for consistent with productive hours under this contract for employees in accordance with the Contractor's established accounting policy.

2. For fixed price contracts based on other than labor hours for deliverables, the Contracting Officer and Contractor shall as a precondition to any reimbursement negotiate an advanced agreement to determine the appropriate method in which to grant administrative leave under this clause.

3. All invoices requesting payment under this clause shall be marked as "Administrative Leave in accordance with 52.242-94, Administrative Leave." All such invoices paid will be subject to review, audit, and revision when routine operations re-commence.

(c) The Contractor shall include this clause in all services subcontracts that include personnel in the categories described in (a) above.

(End of clause)

H.16 Observance of Legal Holidays (NFS 1852.242-72) (AUG 1992)

(a) The on-site Government personnel observe the following holidays:

New Year's Day

Labor Day

Martin Luther King, Jr.'s Birthday

Columbus Day

President's Day

Veterans Day

Memorial Day

Thanksgiving Day

Independence Day

Christmas Day

Any other day designated by Federal statute, Executive order, or the President's proclamation.

(b) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not by itself be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.

(End of clause)

H.17 SAFETY AND HEALTH (NFS 1852.223-70) (APR 2002)

(a) Safety is the freedom from those conditions that can cause death, injury, occupational illness, damage to or loss of equipment or property, or damage to the environment. NASA's safety priority is to protect: (1) the public, (2) astronauts and pilots, (3) the NASA workforce (including contractor employees working on NASA contracts), and (4) high-value equipment and property.

(b) The Contractor shall take all reasonable safety and occupational health measures in performing this contract. The Contractor shall comply with all Federal, State, and local laws applicable to safety and occupational health and with the safety and occupational health standards, specifications, reporting requirements, and any other relevant requirements of this contract.

(c) The Contractor shall take, or cause to be taken, any other safety, and occupational health-measures the Contracting Officer may reasonably direct. To the extent that the Contractor may be entitled to an equitable adjustment for those measures under the terms and conditions of this contract, the equitable adjustment shall be determined pursuant to the procedures of the changes clause of this contract; provided, that no adjustment shall be made under this Safety and Health clause for any change for which an equitable adjustment is expressly provided under any other clause of the contract.

(d) The Contractor shall immediately notify and promptly report to the Contracting Officer or a designee any accident, incident, or exposure resulting in fatality, lost-time occupational injury, occupational disease, contamination of property beyond any stated acceptable limits set forth in the contract Schedule; or property loss of $25,000 or more, or Close Call (a situation or occurrence with no injury, no damage or only minor damage (less than $1,000) but possesses the potential to cause any type mishap, or any injury, damage, or negative mission impact) that may be of immediate interest to NASA, arising out of work performed under this contract. The Contractor is not required to include in any report an expression of opinion as to the fault or negligence of any employee. In addition, service contractors (excluding construction contracts) shall

provide quarterly reports specifying lost-time frequency rate, number of lost-time injuries, exposure, and accident/incident dollar losses as specified in the contract Schedule.

(e) The Contractor shall investigate all work-related incidents, accidents, and Close Calls, to the extent necessary to determine their causes and furnish the Contracting Officer a report, in such form as the Contracting Officer may require, of the investigative findings and proposed or completed corrective actions.

(f)(1) The Contracting Officer may notify the Contractor in writing of any noncompliance with this clause and specify corrective actions to be taken. When the Contracting Officer becomes aware of noncompliance that may pose a serious or imminent danger to safety and health of the public, astronauts and pilots, the NASA workforce (including contractor employees working on NASA contracts), or high value mission critical equipment or property, the Contracting Officer shall notify the Contractor orally, with written confirmation. The Contractor shall promptly take and report any necessary corrective action.

(2) If the Contractor fails or refuses to institute prompt corrective action in accordance with subparagraph (f)(1) of this clause, the Contracting Officer may invoke the stop-work order clause in this contract or any other remedy available to the Government in the event of such failure or refusal.

(g) The Contractor (or subcontractor or supplier) shall insert the substance of this clause, including this paragraph (g) and any applicable Schedule provisions and clauses, with appropriate changes of designations of the parties, in all solicitations and subcontracts of every tier, when one or more of the following conditions exist:

(1) The work will be conducted completely or partly on premises owned or controlled by the Government.

(2) The work includes construction, alteration, or repair of facilities in excess of the simplified acquisition threshold.

(3) The work, regardless of place of performance, involves hazards that could endanger the public, astronauts and pilots, the NASA workforce (including Contractor employees working on NASA contracts), or high value equipment or property, and the hazards are not adequately addressed by Occupational Safety and Health Administration (OSHA) or Department of Transportation (DOT) regulations (if applicable).

(4) When the Contractor (or subcontractor or supplier) determines that the assessed risk and consequences of a failure to properly manage and control the hazard(s) warrants use of the clause.

(h) The Contractor (or subcontractor or supplier) may exclude the provisions of paragraph (g) from its solicitation(s) and subcontract(s) of every tier when it determines that the clause is not necessary because the application of the OSHA and DOT (if applicable) regulations constitute adequate safety and occupational health protection. When a determination is made to exclude the provisions of paragraph (g) from a solicitation and subcontract, the Contractor must notify and provide the basis for the determination to the Contracting Officer. In subcontracts of every tier above the micro-purchase threshold for which paragraph (g) does not apply, the Contractor (or subcontractor or supplier) shall insert the substance of paragraphs (a), (b), (c), and (f) of this clause).

(i) Authorized Government representatives of the Contracting Officer shall have access to and the right to examine the sites or areas where work under this contract is being

performed in order to determine the adequacy of the Contractor's safety and occupational health measures under this clause.

(j) The contractor shall continually update the safety and health plan when necessary. In particular, the Contractor shall furnish a list of all hazardous operations to be performed, and a list of other major or key operations required or planned in the performance of the contract, even though not deemed hazardous by the Contractor. NASA and the Contractor shall jointly decide which operations are to be considered hazardous, with NASA as the final authority. Before hazardous operations commence, the Contractor shall submit for NASA concurrence --

(1) Written hazardous operating procedures for all hazardous operations; and/or

(2) Qualification standards for personnel involved in hazardous operations.

(End of clause)

H.18 TASK ORDERING PROCEDURE (NFS 1852.216-80) (OCT 1996) (applicable only to Part 3.0 of SOW)

(a) Only the Contracting Officer may issue task orders to the Contractor, providing specific authorization or direction to perform work within the scope of the contract and as specified in the schedule. The Contractor may incur costs under this contract in performance of task orders and task order modifications issued in accordance with this clause. No other costs are authorized unless otherwise specified in the contract or expressly authorized by the Contracting Officer.

(b) Prior to issuing a task order, the Contracting Officer shall provide the Contractor with the following data:

(1) A functional description of the work identifying the objectives or results desired from the contemplated task order.

(2) Proposed performance standards to be used as criteria for determining whether the work requirements have been met.

(3) A request for a task plan from the Contractor to include the technical approach, period of performance, appropriate cost information, and any other information required to determine the reasonableness of the Contractor's proposal.

(c) Within 5 calendar days after receipt of the Contracting Officer's request, the Contractor shall submit a task plan conforming to the request.

(d) After review and any necessary discussions, the Contracting Officer may issue a task order to the Contractor containing, as a minimum, the following:

(1) Date of the order.

(2) Contract number and order number.

(3) Functional description of the work identifying the objectives or results desired from the task order, including special instructions or other information necessary for performance of the task.

(4) Performance standards, and where appropriate, quality assurance standards.

(5) Maximum dollar amount authorized (cost and fee or price). This includes allocation of award fee among award fee periods, if applicable.

(6) Any other resources (travel, materials, equipment, facilities, etc.) authorized.

(7) Delivery/performance schedule including start and end dates.

(8) If contract funding is by individual task order, accounting and appropriation data.

(e) The Contractor shall provide acknowledgment of receipt to the Contracting Officer within 1 calendar days after receipt of the task order.

(f) If time constraints do not permit issuance of a fully defined task order in accordance with the procedures described in paragraphs (a) through (d), a task order which includes a ceiling price may be issued.

(g) The Contracting Officer may amend tasks in the same manner in which they were issued.

(h) In the event of a conflict between the requirements of the task order and the Contractor's approved task plan, the task order shall prevail.

(End of clause)

H.19 PROPERTY PURCHASED UNDER THE DIRECT OVERHEAD POOL

This clause shall be used to clarify when title vests for property purchased under the Direct Overhead Pool. The parties agree that any purchases will be capitalized and depreciated in accordance with the Contractor's established cost accounting practices and procedures and disclosure statement.

The Contractor agrees to maintain complete records of purchases made that are subject to this clause. Records shall include but are not limited to the date of purchase, purchase price, depreciation schedule, and amount of depreciation recorded from time to time. The Contractor further agrees to make these records available to the Contracting Officer along with the Contractor's best estimate of the undepreciated balance of each item of equipment.

The Government has the first right of title of property purchases made with in the Direct Overhead Pool. If the property has not been fully depreciated the Government can purchase the property less any depreciation costs incurred. If the Government does not take title to the property, the Contractor will dispose of the property, via property transfer to another Contractor business unit or sale. If the property is sold or transferred, any net proceeds would be credited to the account expense, Direct Overhead Pool. The Contractor is also responsible for all costs associated with transfers to another Contractor business unit.

If the Government does not continue to contract with the Contractor for the performance of the same, or substantially the same services contemplated by this contract, the Contractor will, upon request by the Contracting Officer, transfer title to any purchases indentified by the Contracting Officer from the records referenced above, to either (a) the Government, or (b) a successor contractor.

End of clause

H.20 CONTRACTOR ACCOUNTABLE ON-SITE GOVERNMENT PROPERTY (NFS 1852.245-74) (MAR 1989)

(a) In performance of work under this contract, certain Government property identified in the contract shall be provided to the Contractor on a no-charge-for-use basis by the installation's Supply and Equipment Management Officer. That property shall be utilized in the performance of this contract at the installation that provided the property or at such other installations or locations as may be specified elsewhere in this contract. The Contractor assumes accountability and user responsibilities for the property.
(b) Government property provided shall in every respect be subject to the provisions of the FAR 52.245 Government property clause of this contract. In addition, the contractor is responsible for managing this property in accordance with the guidelines provided by the installation's Supply and Equipment Management Officer or any other formally designated representatives of the Contracting Officer. The guidelines include but are not limited to requiring the Contractor to—

(1) Use economic order quantity (EOQ) methods for routine stock replenishment;
(2) Utilize the Federal Cataloging System;
(3) Comply with shelf-life requirements;
(4) Provide for accountability and control (using the NASA Equipment Management System (NEMS)) of all equipment costing $1000 and over, plus that equipment designated as "sensitive";
(5) Provide for physical inventory of all controlled equipment at least every 3 years;
(6) Provide for sample inventories of materials plus complete inventories every 5 years;
(7) Conduct walk-through utilization inspections;
(8) Screen NEMS before acquiring any equipment costing $1000 or over, plus equipment designated by the installation as sensitive and costing $500 and over;
(9) Support the Equipment Acquisition Document (EAD) process; and
(10) Use Government sources as the first source of supply.

(c) Data requirements relating to the guidelines in paragraph (b) of this clause are specified under Section F, Deliveries or performance.

(End of clause)

[END OF SECTION]

PART II – CONTRACT CLAUSES

SECTION I - CONTRACT CLAUSES

I.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

I. FEDERAL ACQUISITION REGULATION (48 CFR CHAPTER 1)

Firm-Fixed-Price Clauses:

CLAUSE NUMBER	DATE	TITLE
52.215-10	OCT 1997	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA
52.216-18	OCT 1995	ORDERING
52.222-43	NOV 2006	FAIR LABOR STANDARDS ACT AND SERVICE CONTRACT ACT- PRICE ADJUSTMENT (MULTIPLE YEAR AND OPTION CONTRACTS
52.228-5	JAN 1997	INSURANCE-WORK ON A GOVERNMENT INSTALLATION
52.229-3	APR 2003	FEDERAL, STATE, AND LOCAL TAXES
52.232-8	FEB 2002	DISCOUNTS FOR PROMPT PAYMENT52.233-3 AUG 1996 PROTEST AFTER AWARD
52.243-1	AUG 1987	CHANGES-FIXED PRICE (ALTERNATE II) (ALTERNATE V) (APR 1984)
52.244-2	AUG 1998	SUBCONTRACTS Insert "none" in paragraph (e)
52.245-2	JUN 2007	GOVERNMENT PROPERTY (FIXED PRICE CONTRACTS)
52.249-2	MAY 2004	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED-PRICE)
52.249-8	APR 1984	DEFAULT (FIXED-PRICE SUPPLY AND SERVICE)

Cost-Reimbursement Clauses:

CLAUSE NUMBER	DATE	TITLE
52.216-7	DEC 2002	ALLOWABLE COST AND PAYMENT
52.222-2	JULY 1990	PAYMENT FOR OVERTIME PREMIUMS Insert "zero" in paragraph (a)
52.228-7	MAR 1996	INSURANCE-LIABILITY TO THIRD PARTY PERSONS
52.232-22	APR 1984	LIMITATION OF FUNDS
52.233-3	AUG 1996	PROTEST AFTER AWARD (ALTERNATE I) (JUN 1985)
52.242-1	APR 1984	NOTICE OF INTENT TO DISALLOW COSTS
52.242-3	MAY 2001	PENALTIES FOR UNALLOWABLE COSTS
52.242-4	JAN 1997	CERTIFICATION OF FINAL INDIRECT COSTS
52.243-2	AUG 1987	CHANGES--COST-REIMBURSEMENT (ALTERNATE II) (ALTERNATE V) (APR 1984)
52.244-2	JUN 2007	SUBCONTRACTS (ALTERNATE I) (AUG 1998) Insert "none" in paragraph (e) Insert to paragraph (k):

		(Note: Exception does not include changes) Barrios Technology, Inc. (Contract No.: BTI-NNJ05HI05-001) ERC, Inc. (Contract No.: ERC-NNJ05HI05-001) GeoControl Systems, Inc. (Contract No.: GSI-NNJ05HI05-001) Hamilton Sundstrand Management Services, Inc. (Contract No.: HSI-NNJ05HI05-001) Muniz Engineering, Inc. (Contract No.: MEI-NNJ05HI05-001) Manufacturing Technical Solutions, Inc. (Contract No.:MTS-NNJ05HI05-001
52.245-5	MAY 2004	GOVERNMENT PROPERTY (COST- REIMBURSEMENT, TIME-AND- MATERIAL, OR LABOR-HOUR CONTRACTS) (Deviation)(As modified by NASA PIC 99-15)
52.247-1	FEB 2006	COMMERCIAL BILL OF LADING NOTATIONS
52.247-67	FEB 2006	SUBMISSION OF COMMERCIAL TRANSPORTATION BILLS TO THE GENERAL SERVICES ADMINISTRATION FOR AUDIT
52.249-6	MAY 2004	TERMINATION (COST-REIMBURSEMENT)
52.249-14	APR 1984	EXCUSABLE DELAYS
52.251-2	JAN 1991	INTERAGENCY FLEET MANAGEMENT SYSTEM VEHICLES AND RELATED SERVICES

Clauses applicable to both Firm-Fixed-Price and Cost-Reimbursement:

CLAUSE NUMBER	DATE	TITLE
52.202-1	JUL 2004	DEFINITIONS
52.203-3	APR 1984	GRATUITIES
52.203-5	APR 1984	COVENANT AGAINST CONTINGENT FEES
52.203-6	SEP 2006	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT
52.203-7	JUL 1995	ANTI-KICKBACK PROCEDURES
52.203-8	JAN 1997	CANCELLATION, RESCISSION AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-10	JAN 1997	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY
52.203-12	SEP 2007	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS
52.203-13	DEC 2008	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT
52.204-2	AUG 1996	SECURITY REQUIREMENTS
52.204-4	AUG 2000	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER
52.204-7	APR 2008	CENTRAL CONTRACTOR REGISTRATION
52.204-9	SEP 2007	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL
52.209-6	SEP 2006	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR DEBARMENT
52.211-5	AUG 2000	MATERIAL REQUIREMENTS
52.211-15	APR 2008	DEFENSE PRIORITY AND ALLOCATION REQUIREMENTS
52.215-2	JUN 1999	AUDIT AND RECORDS—NEGOTIATION (JUN 1999)
52.215-8	OCT 1997	ORDER OF PRECEDENCE - UNIFORM CONTRACT FORMAT
52.215-11	OCT 1997	PRICE ADJUSTMENT FOR DEFECTIVE COST OR PRICING

52.215-12	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA
52.215-13	OCT 1997	SUBCONTRACTOR COST OR PRICING DATA-MODIFICATIONS
52.215-14	OCT 1997	INTEGRITY OF UNIT PRICES
52.215-15	JAN 2004	PENSION ADJUSTMENTS AND ASSET REVERSIONS
52.215-17	OCT 1997	WAIVER OF FACILITIES CAPITAL COST OF MONEY
52.215-18	JUL 2005	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS (PRB) OTHER THAN PENSIONS
52.215-19	OCT 1997	NOTIFICATION OF OWNERSHIP CHANGES
52.215-21	OCT 1997	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA – MODIFICATIONS (ALTERNATE II) (OCT 1997) (ALTERNATE III) (OCT 1997) Insert (d) Electronic media: email and compact disc (CD) by CO at time of submittal
52.216-18	OCT 1995	ORDERING
52.219-8	MAY 2004	UTILIZATION OF SMALL BUSINESS CONCERNS
52.219-9	APR 2008	SMALL BUSINESS SUBCONTRACTING PLAN (ALTERNATE II) (OCT 2001)
52.219-16	JAN 1999	LIQUIDATED DAMAGES—SUBCONTRACTING PLAN
52.219-23	JUNE 2003	NOTICE FOR PRICE EVALUATION ADJUSTMENT FOR SMALL DISADVANTAGED BUSINESS CONCERNS
52.219-25	OCT 1999	SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM-DISADVANTAGED STATUS AND REPORTING
52.222-1	FEB 1997	NOTICE TO THE GOVERNMENT OF LABOR DISPUTES
52.222-3	JUN 2003	CONVICT LABOR
52.222-4	JUL 2005	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT OVERTIME COMPENSATION
52.222-21	FEB 1999	PROHIBITED OF SEGREGATED FACILITIES
52.222-26	MAR 2007	EQUAL OPPORTUNITY
52.222-35	SEP 2006	EQUAL OPPORTUNITY FOR SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM, AND OTHER ELIGIBLE VETERANS
52.222-36	JUN 1998	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES
52.222-37	SEP 2006	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS, VETERANS OF THE VIETNAM ERA, AND OTHER ELIGIBLE VETERANS
52.222-41	MAY 1989	SERVICE CONTRACT ACT OF 1965, AS AMENDED
52.222-50	FEB 2009	COMBATING TRAFFICKING IN PERSONS
52.223-3	JAN 1997	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (ALTERNATE I) (JUL 1995) Insert (None) in paragraph (b).
52.223-5	AUG 2003	POLLUTION PREVENTION AND RIGHT TO KNOW INFORMATION (ALTERNATE I) (AUG 2003) (ALTERNATE II) (AUG 2003)
52.223-6	MAY 2001	DRUG-FREE WORKPLACE
52.223-10	AUG 2000	WASTE REDUCTION PROGRAM
52.223-12	MAY 1995	REFRIGERATION EQUIPMENT AND AIR CONDITIONERS
52.223-14	AUG 2003	TOXIC CHEMICAL RELEASE REPORTING
52.225-1	FEB 2009	BUY AMERICAN ACT-SUPPLIES
52.225-5	MAR 2009	TRADE AGREEMENTS
52.225-8	FEB 2000	DUTY-FREE ENTRY

52.225-13	JUN 2008	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES
52.227-1	DEC 2007	AUTHORIZATION AND CONSENT
52.227-2	DEC 2007	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT
52.227-14	DEC 2007	RIGHTS IN DATA--GENERAL (ALTERNATE II) (JUNE 1987) (As modified by NASA FAR Supplement 1852.227-14) Insert 27.404(d)(1) (i) through (v) in paragraph (g)(2)(a).
52.227-16	JUN 1987	ADDITIONAL DATA REQUIREMENTS
52.230-2	OCT 2008	COST ACCOUNTING STANDARDS
52.230-6	MAR 2008	ADMINISTRATION OF COST ACCOUNTING STANDARDS
52.232-9	APR 1984	LIMITATION ON WITH-HOLDINGS OF PAYMENTS
52.232-17	OCT 2008	INTEREST
52.232-19	APR 1984	AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR52.232-23 JAN 1986 ASSIGNMENT OF CLAIMS ALTERNATE I (APR 1984)
52.232-25	OCT 2008	PROMPT PAYMENT (ALTERNATE I) (FEB 2002)
52.232.33	FEB 2010	PAYMENT BY ELECTRONIC FUNDS TRANSFER-CENTRAL CONTRACTOR REGISTRATION
52.233-1	JUL 2002	DISPUTES (ALTERNATE I) (DEC 1991)
52.233-4	OCT 2004	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM
52.237-2	APR 1984	PROTECTION OF GOVERNMENT BUILDINGS, EQUIPMENT, AND VEGETATION
52.237-3	JAN 1991	CONTINUITY OF SERVICES
52.239-1	AUG 1996	PRIVACY OR SECURITY SAFEGUARDS
52.242-13	JUL 1995	BANKRUPTCY
52.243-6	APR 1984	CHANGE ORDER ACCOUNTING
52.243-7	APR 1984	NOTIFICATION OF CHANGE
52.244-5	DEC 1996	COMPETITION IN SUBCONTRACTING
52.244-6	FEB 2009	SUBCONTRACTS FOR COMMERCIAL ITEMS
52.245-18	FEB 1993	SPECIAL TEST EQUIPMENT
52.245-19	APR 1984	GOVERNMENT PROPERTY FURNISHED "AS IS"
52.246-24	FEB 1997	LIMITATION OF LIABILITY – HIGH VALUE ITEMS
52.246-25	FEB 1997	LIMITATION OF LIABILITY-- SERVICES
52.247-63	JUN 2003	PREFERENCE FOR U.S.-FLAG AIR CARRIERS
52.247-64	FEB 2006	PREFERENCE FOR PRIVATELY OWNED U.S.-FLAG COMMERCIAL VESSELS
52.247-68	FEB 2006	REPORT OF SHIPMENT (REPSHIP)
52.248-1	FEB 2000	VALUE ENGINEERING
52.251-1	APR 1984	GOVERNMENT SUPPLY SOURCES
52.253-1	JAN 1991	COMPUTER GENERATED FORMS

II - NASA FAR SUPPLEMENT (48 CFR CHAPTER 18) CLAUSES

Firm-Fixed-Price Clauses:

None

Cost-Reimbursement Clauses:

CLAUSE NUMBER	DATE	TITLE

1852.216-89	JUL 1997	ASSIGNMENT AND RELEASE FORMS

Clauses applicable to both Firm-Fixed-Price and Cost-Reimbursement:

CLAUSE NUMBER	DATE	TITLE
1852.203-70	JUN 2001	DISPLAY OF INSPECTOR GENERAL HOTLINE POSTERS
1852.204-76	MAY 2007	REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES
1852.219-74	SEP 1990	USE OF RURAL AREA SMALL BUSINESSES
1852.219-75	MAY 1999	SMALL BUSINESS SUBCONTRACTING REPORTING
1852.219-76	JUL 1997	NASA 8 PERCENT GOAL
1852.219-79	MAR 1999	MENTOR REQUIREMENTS AND EVALUATION
1852.227-14		RIGHTS IN DATA-GENERAL **MODIFIES FAR CLAUSE**
1852.228-75	OCT 1988	MINIMUM INSURANCE COVERAGE
1852.235-70	DEC 2006	CENTER FOR AEROSPACE INFORMATION
1852.237-70	DEC 1988	EMERGENCY EVACUATION PROCEDURES
1852.237-72	JUNE 2005	ACCESS TO SENSITIVE INFORMATION
1852.237-73	JUNE 2005	RELEASE OF SENSITIVE INFORMATION
1852.242-76	MAR 1999	MODIFIED COST PERFORMANCE REPORT
1852.242-78	APR 2001	EMERGENCY MEDICAL SERVICES AND EVACUATION
1852.243-71	MAR 1997	SHARED SAVINGS

(End of Clause)

I.2 APPROVAL OF CONTRACT (FAR 52.204-1) (DEC 1989)

This contract is subject to the written approval of the Deputy Center Director for the NASA Johnson Space Center and shall not be binding until so approved.

(End of clause)

I.3 NOTIFICATION OF OWNERSHIP CHANGES (FAR 52.215-19) (OCT 1997)

(a) The Contractor shall make the following notifications in writing:

(1) When the Contractor becomes aware that a change in its ownership has occurred, or is certain to occur, that could result in changes in the valuation of its capitalized assets in the accounting records, the Contractor shall notify the Administrative Contracting Officer (ACO) within 30 days.

(2) The Contractor shall also notify the ACO within 30 days whenever changes to asset valuations or any other cost changes have occurred or are certain to occur as a result of a change in ownership.

(b) The Contractor shall—

(1) Maintain current, accurate, and complete inventory records of assets and their costs;

(2) Provide the ACO or designated representative ready access to the records upon request;

(3) Ensure that all individual and grouped assets, their capitalized values, accumulated depreciation or amortization, and remaining useful lives are identified accurately before and after each of the Contractor's ownership changes; and

(4) Retain and continue to maintain depreciation and amortization schedules based on the asset records maintained before each Contractor ownership change.

(c) The Contractor shall include the substance of this clause in all subcontracts under this contract that meet the applicability requirement of FAR 15.408(k).

(End of clause)

I.4 ORDER LIMITATIONS (FAR 52.216-19) (OCT 1995) (Applicable only to Part 2.0 of the SOW)

(a) Minimum order. When the Government requires supplies or services covered by this contract in an amount of less than $25,000, the Government is not obligated to purchase, nor is the Contractor obligated to furnish, those supplies or services under the contract.

(b) Maximum order. The Contractor is not obligated to honor-

(1) Any order for a single item in excess of $350,000,000

(2) Any order for a combination of items in excess of $350,000,000; or

(3) A series of orders from the same ordering office within 5 business days that together call for quantities exceeding the limitation in paragraph (b)(1) or (2) of this section.

(c) If this is a requirements contract (i.e., includes the Requirements clause at subsection 52.216-21 of the Federal Acquisition Regulation (FAR)), the Government is not required to order a part of any one requirement from the Contractor if that requirement exceeds the maximum-order limitations in paragraph (b) of this section.

(d) Notwithstanding paragraphs (b) and (c) of this section, the Contractor shall honor any order exceeding the maximum order limitations in paragraph (b), unless that order (or orders) is returned to the ordering office within 5 business days after issuance, with written notice stating the Contractor's intent not to ship the item (or items) called for and the reasons. Upon receiving this notice, the Government may acquire the supplies or services from another source.

(End of clause)

I.5 INDEFINITE QUANTITY (FAR 52.216-22) (OCT 1995) (Applicable only to Part 2.0 of the SOW)

(a) This is an indefinite-quantity contract for the supplies or services specified, and effective for the period stated, in the Schedule. The quantities of supplies and services specified in the Schedule are estimates only and are not purchased by this contract.

(b) Delivery or performance shall be made only as authorized by orders issued in accordance with the "Ordering Procedure – Indefinite Delivery Indefinite Quantity" clause. The Contractor shall furnish to the Government, when and if ordered, the supplies or services specified in the Schedule up to and including the quantity designated in the Schedule as the "maximum." The Government shall order at least the quantity of supplies or services designated in the Schedule as the "minimum." The minimum and maximum amounts are specified under the "INDEFINITE-DELIVERY INDEFINITE-QUANTITY (IDIQ) – LIMITATIONS" clause.

(c) Except for any limitations on quantities in the Order Limitations clause or in the Schedule, there is no limit on the number of orders that may be issued. The Government may issue orders requiring delivery to multiple destinations or performance at multiple locations.

(d) Any order issued during the effective period of this contract and not completed within that period shall be completed by the Contractor within the time specified in the order. The contract shall govern the Contractor's and Government's rights and obligations with respect to that order to the same extent as if the order were completed during the contract's effective period; provided, that the Contractor shall not be required to make any deliveries under this contract after 3 months from the contract end date.

(End of clause)

I.6 NOTIFICATION OF EMPLOYEE RIGHTS CONCERNING PAYMENT OF UNION DUES OR FEES (FAR 52.222-39) (DEC 2004)

(a) *Definition.* As used in this clause—

"United States" means the 50 States, the District of Columbia, Puerto Rico, the Northern Mariana Islands, American Samoa, Guam, the U.S. Virgin Islands, and Wake Island.

(b) Except as provided in paragraph (e) of this clause, during the term of this contract, the Contractor shall post a notice, in the form of a poster, informing employees of their rights concerning union membership and payment of union dues and fees, in conspicuous places in and about all its plants and offices, including all places where notices to employees are customarily posted. The notice shall include the following information (except that the information pertaining to National Labor Relations Board shall not be included in notices posted in the plants or offices of carriers subject to the Railway Labor Act, as amended (45 U.S.C. 151-188)).

Notice to Employees

Under Federal law, employees cannot be required to join a union or maintain membership in a union in order to retain their jobs. Under certain conditions, the law permits a union and an employer to enter into a union-security agreement requiring employees to pay uniform periodic dues and initiation fees. However, employees who are not union members can object to the use of their payments for certain purposes and can only be required to pay their share of union costs relating to collective bargaining, contract administration, and grievance adjustment.

If you do not want to pay that portion of dues or fees used to support activities not related to collective bargaining, contract administration, or grievance adjustment, you are entitled to an appropriate reduction in your payment. If you believe that you have been required to pay dues or fees used in part to support activities not related to collective bargaining, contract administration, or grievance adjustment, you may be entitled to a refund and to an appropriate reduction in future payments.

For further information concerning your rights, you may wish to contact the National Labor Relations Board (NLRB) either at one of its Regional offices or at the following address or toll free number:

National Labor Relations Board
Division of Information
1099 14th Street, N.W.
Washington, DC 20570
1-866-667-6572
1-866-316-6572 (TTY)

To locate the nearest NLRB office, see NLRB's website at http://www.nlrb.gov.

(c) The Contractor shall comply with all provisions of Executive Order 13201 of February 17, 2001, and related implementing regulations at 29 CFR Part 470, and orders of the Secretary of Labor.

(d) In the event that the Contractor does not comply with any of the requirements set forth in paragraphs (b), (c), or (g), the Secretary may direct that this contract be cancelled, terminated, or suspended in whole or in part, and declare the Contractor ineligible for further Government contracts in accordance with procedures at 29 CFR Part 470, Subpart B—Compliance Evaluations, Complaint Investigations and Enforcement Procedures. Such other sanctions or remedies may be imposed as are provided by 29 CFR Part 470, which implements Executive Order 13201, or as are otherwise provided by law.

(e) The requirement to post the employee notice in paragraph (b) does not apply to—

(1) Contractors and subcontractors that employ fewer than 15 persons;

(2) Contractor establishments or construction work sites where no union has been formally recognized by the Contractor or certified as the exclusive bargaining representative of the Contractor's employees;

(3) Contractor establishments or construction work sites located in a jurisdiction named in the definition of the United States in which the law of that jurisdiction forbids enforcement of union-security agreements;

(4) Contractor facilities where upon the written request of the Contractor, the Department of Labor Deputy Assistant Secretary for Labor-Management Programs has waived the posting requirements with respect to any of the Contractor's facilities if the Deputy Assistant Secretary finds that the Contractor has demonstrated that—

(i) The facility is in all respects separate and distinct from activities of the Contractor related to the performance of a contract; and

(ii) Such a waiver will not interfere with or impede the effectuation of the Executive order; or

(5) Work outside the United States that does not involve the recruitment or employment of workers within the United States.

(f) The Department of Labor publishes the official employee notice in two variations; one for contractors covered by the Railway Labor Act and a second for all other contractors. The Contractor shall—

(1) Obtain the required employee notice poster from the Division of Interpretations and Standards, Office of Labor-Management Standards, U.S. Department of Labor, 200 Constitution Avenue, NW, Room N-5605, Washington, DC 20210, or from any field office of the Department's Office of Labor-Management Standards or Office of Federal Contract Compliance Programs;

(2) Download a copy of the poster from the Office of Labor-Management Standards website at http://www.olms.dol.gov; or

(3) Reproduce and use exact duplicate copies of the Department of Labor's official poster.

(g) The Contractor shall include the substance of this clause in every subcontract or purchase order that exceeds the simplified acquisition threshold, entered into in connection with this contract, unless exempted by the Department of Labor Deputy Assistant Secretary for Labor-Management Programs on account of special circumstances in the national interest under authority of 29 CFR 470.3(c). For indefinite quantity subcontracts, the Contractor shall include the substance of this clause if the value of orders in any calendar year of the subcontract is expected to exceed the simplified acquisition threshold. Pursuant to 29 CFR Part 470, Subpart B—Compliance Evaluations, Complaint Investigations and Enforcement Procedures, the Secretary of Labor may direct the Contractor to take such action in the enforcement of these regulations, including the imposition of sanctions for noncompliance with respect to any such subcontract or purchase order. If the Contractor becomes involved in litigation with a subcontractor or vendor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States, through the Secretary of Labor, to enter into such litigation to protect the interests of the United States.

(End of clause)

I.7 STATEMENT OF EQUIVALENT RATES FOR FEDERAL HIRES (FAR 52.222-42) (MAY 1989)

In compliance with the Service Contract Act of 1965, as amended, and the regulations of the Secretary of Labor (29 CFR part 4), this clause identifies the classes of service employees expected to be employed under the contract and states the wages and fringe benefits payable to each if they were employed by the contracting agency subject to the provisions of 5 U.S.C. 5341 or 5332. (See Section J, Attachment J-12 Wage Determination)

(End of clause)

I.8 NOTICE OF RADIOACTIVE MATERIALS (FAR 52.223-7) (JAN 1997)

(a) The Contractor shall notify the Contracting Officer and Contracting Officer's Technical Representative (COTR) or designee, in writing, 30 days prior to the delivery of, or prior to completion of any servicing required by this contract of, items containing either (1) radioactive material requiring specific licensing under the regulations issued pursuant to the Atomic Energy

Act of 1954, as amended, as set forth in Title 10 of the Code of Federal Regulations, in effect on the date of this contract, or (2) other radioactive material not requiring specific licensing in which the specific activity is greater than 0.002 micro curies per gram or the activity per item equals or exceeds 0.01 micro curies. Such notice shall specify the part or parts of the items which contain radioactive materials, a description of the materials, the name and activity of the isotope, the manufacturer of the materials, and any other information known to the Contractor which will put users of the items on notice as to the hazards involved (OMB No. 9000-0107).

(b) If there has been no change affecting the quantity of activity, or the characteristics and composition of the radioactive material from deliveries under this contract or prior contracts, the Contractor may request that the Contracting Officer or designee waive the notice requirement in paragraph (a) of this clause. Any such request shall--

(1) Be submitted in writing;

(2) State that the quantity of activity, characteristics, and composition of the radioactive material have not changed; and

(3) Cite the contract number on which the prior notification was submitted and the contracting office to which it was submitted.

(c) All items, parts, or subassemblies which contain radioactive materials in which the specific activity is greater than 0.002 micro curies per gram or activity per item equals or exceeds 0.01 micro curies, and all containers in which such items, parts or subassemblies are delivered to the Government shall be clearly marked and labeled as required by the latest revision of MIL-STD 129 in effect on the date of the contract.

(d) This clause, including this paragraph (d), shall be inserted in all subcontracts for radioactive materials meeting the criteria in paragraph (a) of this clause.

(End of Clause)

I.9 ESTIMATE OF PERCENTAGE OF RECOVERED MATERIAL CONTENT FOR EPA-DESIGNATED PRODUCTS (FAR 52.223-9) (MAY 2008)

(a) *Definitions.* As used in this clause—

"Postconsumer material" means a material or finished product that has served its intended use and has been discarded for disposal or recovery, having completed its life as a consumer item. Postconsumer material is a part of the broader category of "recovered material."

"Recovered material" means waste materials and by-products recovered or diverted from solid waste, but the term does not include those materials and by-products generated from, and commonly reused within, an original manufacturing process.

(b) The Contractor, on completion of this contract, shall—

(1) Estimate the percentage of the total recovered material content for EPA-designated item(s) delivered and/or used in contract performance, including, if applicable, the percentage of post-consumer material content; and

(2) Submit this estimate to NASA/JSC, Environmental Office/JE111, Attn: David Hickens.

(End of clause)

I.10 OZONE-DEPLETING SUBSTANCES (FAR 52.223-11) (MAY 2001)

(a) *Definition*. "Ozone-depleting substance," as used in this clause, means any substance the Environmental Protection Agency designates in 40 CFR part 82 as-
(1) Class I, including, but not limited to, chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform; or
(2) Class II, including, but not limited to, hydro chlorofluorocarbons.
(b) The Contractor shall label products which contain or are manufactured with ozone-depleting substances in the manner and to the extent required by 42 U.S.C. 7671j (b), (c), and (d) and 40 CFR part 82, Subpart E, as follows:
Warning
Contains (or manufactured with, if applicable) *_____, a substance(s) which harm(s) public health and environment by destroying ozone in the upper atmosphere.
* The Contractor shall insert the name of the substance(s).

(End of clause)

I.11 CLAUSES INCORPORATED BY REFERENCE (FAR 52.252-2) (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

http://www.acqnet.gov/far/
http://www.hq.nasa.gov/office/procurement/regs/nfstoc.htm

(End of clause)

I.12 SECURITY CLASSIFICATION REQUIREMENTS (NFS 1852.204-75) (SEPT 1989) is modified as follows:

Performance under this contract will involve access to and/or generation of classified information, work in a security area, or both, up to the level of TOP SECRET / SPECIAL COMPARTMENTED. See Federal Acquisition Regulation clause 52.204-2 in this contract and DD Form 254, Contract Security Classification Specification, Attachment J-17.

(End of clause)

I.13 SECURITY REQUIREMENTS FOR UNCLASSIFIED INFORMATION TECHNOLOGY RESOURCES (NFS 1852.204-76)(MAY 2008)

(a) The Contractor shall be responsible for information and information technology (IT) security when –

(1) The Contractor or its subcontractors must obtain physical or electronic (i.e., authentication level 2 and above as defined in National Institute of Standards and Technology (NIST) Special Publication (SP) 800-63, Electronic Authentication Guideline) access to NASA's computer systems, networks, or IT infrastructure; or

(2) Information categorized as low, moderate, or high by the Federal Information Processing Standards (FIPS) 199, Standards for Security Categorization of Federal Information and Information Systems is stored, generated, processed, or exchanged by NASA or on behalf of NASA by a contractor or subcontractor, regardless of whether the information resides on a NASA or a contractor/subcontractor's information system.

(b) IT Security Requirements.

(1) Within 30 days after contract award, a Contractor shall submit to the Contracting Officer for NASA approval an IT Security Plan, Risk Assessment, and FIPS 199, Standards for Security Categorization of Federal Information and Information Systems, Assessment. These plans and assessments, including annual updates shall be incorporated into the contract as compliance documents.

(i) The IT system security plan shall be prepared consistent, in form and content, with NIST SP 800-18, Guide for Developing Security Plans for Federal Information Systems, and any additions/augmentations described in NASA Procedural Requirements (NPR) 2810, Security of Information Technology. The security plan shall identify and document appropriate IT security controls consistent with the sensitivity of the information and the requirements of Federal Information Processing Standards (FIPS) 200, Recommended Security Controls for Federal Information Systems. The plan shall be reviewed and updated in accordance with NIST SP 800-26, Security Self-Assessment Guide for Information Technology Systems, and FIPS 200, on a yearly basis.

(ii) The risk assessment shall be prepared consistent, in form and content, with NIST SP 800-30, Risk Management Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The risk assessment shall be updated on a yearly basis.

(iii) The FIPS 199 assessment shall identify all information types as well as the "high water mark," as defined in FIPS 199, of the processed, stored, or transmitted information necessary to fulfill the contractual requirements.

(2) The Contractor shall produce contingency plans consistent, in form and content, with NIST SP 800-34, Contingency Planning Guide for Information Technology Systems, and any additions/augmentations described in NPR 2810. The Contractor shall perform yearly "Classroom Exercises." "Functional Exercises," shall be coordinated with the Center CIOs and be conducted once every three years, with the first conducted within the first two years of contract award. These exercises are defined and described in NIST SP 800-34.

(3) The Contractor shall ensure coordination of its incident response team with the NASA Incident Response Center (NASIRC) and the NASA Security Operations Center, ensuring that incidents are reported consistent with NIST SP 800-61, Computer Security Incident Reporting Guide, and the United States Computer Emergency Readiness Team's (US-CERT) Concept of Operations for reporting security incidents. Specifically, any confirmed incident of a system containing NASA data or controlling NASA assets shall be reported to NASIRC within one hour that results in unauthorized access, loss or modification of NASA data, or denial of service affecting the availability of NASA data.

(4) The Contractor shall ensure that its employees, in performance of the contract, receive annual IT security training in NASA IT Security policies, procedures, computer ethics, and best practices in accordance with NPR 2810 requirements. The Contractor may use web-based training available from NASA to meet this requirement.

(5) The Contractor shall provide NASA, including the NASA Office of Inspector General, access to the Contractor's and subcontractors' facilities, installations, operations, documentation, databases, and personnel used in performance of the contract. Access shall be provided to the extent required to carry out IT security inspection, investigation, and/or audits to safeguard against threats and hazards to the integrity, availability, and confidentiality of NASA information or to the function of computer systems operated on behalf of NASA, and to preserve evidence of computer crime. To facilitate mandatory reviews, the Contractor shall ensure

appropriate compartmentalization of NASA information, stored and/or processed, either by information systems in direct support of the contract or that are incidental to the contract.

(6) The Contractor shall ensure that system administrators who perform tasks that have a material impact on IT security and operations demonstrate knowledge appropriate to those tasks. ~~Knowledge is demonstrated through the NASA System Administrator Security Certification Program.~~ A system administrator is one who provides IT services (including network services, file storage, and/or web services) to someone other than themselves and takes or assumes the responsibility for the security and administrative controls of that service. ~~Within 30 days after contract award, the Contractor shall provide to the Contracting Officer a list of all system administrator positions and personnel filling those positions, along with a schedule that ensures certification of all personnel within 90 days after contract award. Additionally, the Contractor should report all personnel changes which impact system administrator positions within 5 days of the personnel change and ensure these individuals obtain System Administrator certification within 90 days after the change.~~

(7) The Contractor shall ensure that NASA's Sensitive But Unclassified (SBU) information as defined in NPR 1600.1, NASA Security Program Procedural Requirements, which includes privacy information, is encrypted in storage and transmission.

(8) When the Contractor is located at a NASA Center or installation or is using NASA IP address space, the Contractor shall --

(i) Submit requests for non-NASA provided external Internet connections to the Contracting Officer for approval by the Network Security Configuration Control Board (NSCCB);

(ii) Comply with the NASA CIO metrics including patch management, operating systems and application configuration guidelines, vulnerability scanning, incident reporting, system administrator certification, and security training; and

(iii) Utilize the NASA Public Key Infrastructure (PKI) for all encrypted communication or non-repudiation requirements within NASA when secure email capability is required.

(c) Physical and Logical Access Requirements.

(1) Contractor personnel requiring access to IT systems operated by the Contractor for NASA or interconnected to a NASA network shall be screened at an appropriate level in accordance with NPR 2810 and Chapter 4, NPR 1600.1, NASA Security Program Procedural Requirements. NASA shall provide screening, appropriate to the highest risk level, of the IT systems and information accessed, using, as a minimum, National Agency Check with Inquiries (NACI). The Contractor shall submit the required forms to the NASA Center Chief of Security (CCS) within fourteen (14) days after contract award or assignment of an individual to a position requiring screening. The forms may be obtained from the CCS. At the option of NASA, interim access may be granted pending completion of the required investigation and final access determination. For Contractors who will reside on a NASA Center or installation, the security screening required for all required access (e.g., installation, facility, IT, information, etc.) is consolidated to ensure only one investigation is conducted based on the highest risk level. Contractors not residing on a NASA installation will be screened based on their IT access risk level determination only. See NPR 1600.1, Chapter 4.

(2) Guidance for selecting the appropriate level of screening is based on the risk of adverse impact to NASA missions. NASA defines three levels of risk for which screening is required (IT-1 has the highest level of risk).

(i) IT-1 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause very serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of spacecraft, satellites or aircraft.

(ii) IT-2 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause serious adverse impact to NASA missions. These systems include, for example, those that can transmit commands directly modifying the behavior of payloads on

spacecraft, satellites or aircraft; and those that contain the primary copy of "level 1" information whose cost to replace exceeds one million dollars.

(iii) IT-3 -- Individuals having privileged access or limited privileged access to systems whose misuse can cause significant adverse impact to NASA missions. These systems include, for example, those that interconnect with a NASA network in a way that exceeds access by the general public, such as bypassing firewalls; and systems operated by the Contractor for NASA whose function or information has substantial cost to replace, even if these systems are not interconnected with a NASA network.

(3) Screening for individuals shall employ forms appropriate for the level of risk as established in Chapter 4, NPR 1600.1.

(4) The Contractor may conduct its own screening of individuals requiring privileged access or limited privileged access provided the Contractor can demonstrate to the Contracting Officer that the procedures used by the Contractor are equivalent to NASA's personnel screening procedures for the risk level assigned for the IT position.

(5) Subject to approval of the Contracting Officer, the Contractor may forgo screening of Contractor personnel for those individuals who have proof of a --

(i) Current or recent national security clearances (within last three years);

(ii) Screening conducted by NASA within the last three years that meets or exceeds the screening requirements of the IT position; or

(iii) Screening conducted by the Contractor, within the last three years, that is equivalent to the NASA personnel screening procedures as approved by the Contracting Officer and concurred on by the CCS.

(d) The Contracting Officer may waive the requirements of paragraphs (b) and (c)(1) through (c)(3) upon request of the Contractor. The Contractor shall provide all relevant information requested by the Contracting Officer to support the waiver request.

(e) The Contractor shall contact the Contracting Officer for any documents, information, or forms necessary to comply with the requirements of this clause.

(f) At the completion of the contract, the contractor shall return all NASA information and IT resources provided to the contractor during the performance of the contract and certify that all NASA information has been purged from contractor-owned systems used in the performance of the contract.

(g) The Contractor shall insert this clause, including this paragraph (g), in all subcontracts

(1) Have physical or electronic access to NASA's computer systems, networks, or IT infrastructure; or

(2) Use information systems to generate, store, process, or exchange data with NASA or on behalf of NASA, regardless of whether the data resides on a NASA or a contractor's information system.

(End of clause)

I.14 OMBUDSMAN (NFS 1852.215-84) (OCT 2003) (ALTERNATE I) (JUN 2000)

(a) An ombudsman has been appointed to hear and facilitate the resolution of concerns from offerors, potential offerors, and contractors during the preaward and postaward phases of this acquisition. When requested, the ombudsman will maintain strict confidentiality as to the source of the concern. The existence of the ombudsman is not to diminish the authority of the contracting officer, the Source Evaluation Board, or the selection official. Further, the ombudsman does not participate in the evaluation of proposals, the source selection process, or the adjudication of formal contract disputes. Therefore, before consulting with an ombudsman, interested parties must first address their concerns, issues, disagreements, and/or recommendations to the contracting officer for resolution.

(b) If resolution cannot be made by the contracting officer, interested parties may contact the installation ombudsman,

Melanie Saunders
2101 NASA Parkway Phone 281-483-0490
Houston TX 77058-3696 FAX 281-483-2200

Concerns, issues, disagreements, and recommendations which cannot be resolved at the installation may be referred to the NASA ombudsman, the Director of the Contract Management Division, at 202-358-0445, facsimile 202-358-3083, e-mail james.a.balinskas@nasa.gov. Please do not contact the ombudsman to request copies of the solicitation, verify offer due date, or clarify technical requirements. Such inquiries shall be directed to the contracting officer or as specified elsewhere in this document.

(c) If this is a task or delivery order contract, the ombudsman shall review complaints from contractors and ensure they are afforded a fair opportunity to be considered, consistent with the procedures of the contract.

(End of clause)

I.15 (RESERVED)

I.16 1852.237-72 ACCESS TO SENSITIVE INFORMATION (JUNE 2005)

(a) As used in this clause, "sensitive information" refers to information that a contractor has developed at private expense, or that the Government has generated that qualifies for an exception to the Freedom of Information Act, which is not currently in the public domain, and which may embody trade secrets or commercial or financial information, and which may be sensitive or privileged.

(b) To assist NASA in accomplishing management activities and administrative functions, the Contractor shall provide the services specified elsewhere in this contract.

(c) If performing this contract entails access to sensitive information, as defined above, the Contractor agrees to -

(1) Utilize any sensitive information coming into its possession only for the purposes of performing the services specified in this contract, and not to improve its own competitive position in another procurement.

(2) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.

(3) Allow access to sensitive information only to those employees that need it to perform services under this contract.

(4) Preclude access and disclosure of sensitive information to persons and entities outside of the Contractor's organization.

(5) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in this contract and to safeguard it from unauthorized use and disclosure.

(6) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(7) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(d) The Contractor will comply with all procedures and obligations specified in its Organizational Conflicts of Interest Avoidance Plan, which this contract incorporates as a compliance document.

(e) The nature of the work on this contract may subject the Contractor and its employees to a variety of laws and regulations relating to ethics, conflicts of interest, corruption, and other criminal or civil matters relating to the award and administration of government contracts. Recognizing that this contract establishes a high standard of accountability and trust, the Government will carefully review the Contractor's performance in relation to the mandates and restrictions found in these laws and regulations. Unauthorized uses or disclosures of sensitive information may result in termination of this contract for default, or in debarment of the Contractor for serious misconduct affecting present responsibility as a government contractor.

(f) The Contractor shall include the substance of this clause, including this paragraph (f), suitably modified to reflect the relationship of the parties, in all subcontracts that may involve access to sensitive information

(End of clause)

I.17 1852.237-73 RELEASE OF SENSITIVE INFORMATION (JUNE 2005)

(a) As used in this clause, "sensitive information" refers to information, not currently in the public domain, that the Contractor has developed at private expense, that may embody trade secrets or commercial or financial information, and that may be sensitive or privileged.

(b) In accomplishing management activities and administrative functions, NASA relies heavily on the support of various service providers. To support NASA activities and functions, these service providers, as well as their subcontractors and their individual employees, may need access to sensitive information submitted by the Contractor under this contract. By submitting this proposal or performing this contract, the Contractor agrees that NASA may release to its service providers, their subcontractors, and their individual employees, sensitive information submitted during the course of this procurement, subject to the enumerated protections mandated by the clause at 1852.237-72, Access to Sensitive Information.

(c)(1) The Contractor shall identify any sensitive information submitted in support of this proposal or in performing this contract. For purposes of identifying sensitive information, the Contractor may, in addition to any other notice or legend otherwise required, use a notice similar to the following:

Mark the title page with the following legend:

This proposal or document includes sensitive information that NASA shall not disclose outside the Agency and its service providers that support management activities and administrative functions. To gain access to this sensitive information, a service provider's contract must contain the clause at NFS 1852.237-72, Access to Sensitive Information. Consistent with this clause, the service provider shall not duplicate, use, or disclose the information in whole or in part for any purpose other than to perform the services specified in its contract. This restriction does not limit the Government's right to use this information if it is obtained from another source without restriction. The information subject to this restriction is contained in pages [insert page numbers or other identification of pages].

Mark each page of sensitive information the Contractor wishes to restrict with the following legend:

Use or disclosure of sensitive information contained on this page is subject to the restriction on the title page of this proposal or document.

(2) The Contracting Officer shall evaluate the facts supporting any claim that particular information is "sensitive." This evaluation shall consider the time and resources necessary to protect the information in accordance with the detailed safeguards mandated by the clause at 1852.237-72, Access to Sensitive Information. However, unless the Contracting Officer decides, with the advice of Center counsel, that reasonable grounds exist to challenge the Contractor's claim that particular information is sensitive, NASA and its service providers and

their employees shall comply with all of the safeguards contained in paragraph (d) of this clause.

(d) To receive access to sensitive information needed to assist NASA in accomplishing management activities and administrative functions, the service provider must be operating under a contract that contains the clause at 1852.237-72, Access to Sensitive Information. This clause obligates the service provider to do the following:

(1) Comply with all specified procedures and obligations, including the Organizational Conflicts of Interest Avoidance Plan, which the contract has incorporated as a compliance document.

(2) Utilize any sensitive information coming into its possession only for the purpose of performing the services specified in its contract.

(3) Safeguard sensitive information coming into its possession from unauthorized use and disclosure.

(4) Allow access to sensitive information only to those employees that need it to perform services under its contract.

(5) Preclude access and disclosure of sensitive information to persons and entities outside of the service provider's organization.

(6) Train employees who may require access to sensitive information about their obligations to utilize it only to perform the services specified in its contract and to safeguard it from unauthorized use and disclosure.

(7) Obtain a written affirmation from each employee that he/she has received and will comply with training on the authorized uses and mandatory protections of sensitive information needed in performing this contract.

(8) Administer a monitoring process to ensure that employees comply with all reasonable security procedures, report any breaches to the Contracting Officer, and implement any necessary corrective actions.

(e) When the service provider will have primary responsibility for operating an information technology system for NASA that contains sensitive information, the service provider's contract shall include the clause at 1852.204-76, Security Requirements for Unclassified Information Technology Resources. The Security Requirements clause requires the service provider to implement an Information Technology Security Plan to protect information processed, stored, or transmitted from unauthorized access, alteration, disclosure, or use. Service provider personnel requiring privileged access or limited privileged access to these information technology systems are subject to screening using the standard National Agency Check (NAC) forms appropriate to the level of risk for adverse impact to NASA missions. The Contracting Officer may allow the service provider to conduct its own screening, provided the service provider employs substantially equivalent screening procedures.

(f) This clause does not affect NASA's responsibilities under the Freedom of Information Act.

(g) The Contractor shall insert this clause, including this paragraph (g), suitably modified to reflect the relationship of the parties, in all subcontracts that may require the furnishing of sensitive information.

(End of clause)

I.18 ENGINEERING CHANGE PROPOSALS (NFS 1852.243-70) (OCT 2001) (ALTERNATE I) (JUL 1997) (ALTERNATE II) (SEP 1990) (Applicable to Part 1 of the SOW)

(a) Definitions.

"ECP" means an Engineering Change Proposal (ECP) which is a proposed engineering change and the documentation by which the change is described, justified, and submitted to the procuring activity for approval or disapproval.

(b) Either party to the contract may originate ECPs. Implementation of an approved ECP may occur by either a supplemental agreement or, if appropriate, as a written change order to the contract.

(c) Any ECP submitted to the Contracting Officer shall include a "not-to-exceed" estimated cost increase or decrease adjustment amount, if any, and the required period of performance adjustment, if any, acceptable to the originator of the ECP. If the change is originated within the Government, the Contracting Officer shall obtain a written agreement with the contractor regarding the "not-to-exceed" estimated cost and period of performance adjustments, if any, prior to issuing an order for implementation of the change. An ECP accepted in accordance with the Changes clause of this contract shall not be considered an authorization to the Contractor to exceed the estimated cost in the contract Schedule, unless the estimated cost is increased by the change order or other contract modification.

(d) After submission of a contractor-initiated ECP, the contracting officer may require the contractor to submit the following information:

(1) Cost or pricing data in accordance with FAR 15.403-5 if the proposed change meets the criteria for its submission under FAR 15.403-4; or

(2) Information other than cost or pricing data adequate for contracting officer determination of price reasonableness or cost realism. The contracting officer reserves the right to request additional information if that provided by the contractor is considered inadequate for that purpose. If the contractor claims applicability of one of the exceptions to submission of cost or pricing data, it shall cite the exception and provide rationale for its applicability.

(e) If the ECP is initiated by NASA, the contracting officer shall specify the cost information requirements, if any.

(f) If the adjustment proposed for any Contractor-originated ECP is $500,000 or less, the ECP shall be executed with no adjustment to the contract estimated cost.

(End of clause)

I.19 PAYMENTS (FAR 52.232-1) (APR 1984) (Applicable only to Part 2.0 (IDIQ) fixed-price delivery orders issued)

The Government shall pay the Contractor, upon the submission of proper invoices or vouchers, the prices stipulated in this contract for supplies delivered and accepted or services rendered and accepted, less any deductions provided in this contract. Unless otherwise specified in this contract, payment shall be made on partial deliveries accepted by the Government if –

a) The amount due on the deliveries warrants it; or
b) The Contractor requests it and the amount due on the deliveries is at least $1,000 or 50% of the total fixed price task/delivery order issued.

(End of clause)

I.20 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR FAR 52.232-19 (APR 1984)

Funds are not presently available for performance under this contract beyond September 30, 2010. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond September 30, 2010, until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

(End of Clause)

[END OF SECTION]

Section J

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO	5. PROJECT NO. (if applicable)
000193	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Decrease: -$1,607,668.87

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,091,966,710.71 to $1,090,359,041.84 a decrease of $1,607,668.87 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 10-8-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

419-130	411672.10.05.01	$ (10,000.00)
419-570	795369.04.01.10	$ (5,164.00)
419-600	644423.02.39.10.10.02	$ (35,927.00)
419-630	795369.01.10	$ (29,581.00)
414-520	431731.04.01.10	$ (3,600.00)
409-590	182306.06.01.10	$ (2,500.00)
Obligations		0.00
Deobligations		(1,607,668.87)
	TOTAL	(1,607,668.87)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: 000194

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE: JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BN
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE: JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BN
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ06HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $6,294,402.65

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, is required to sign this document and return 5 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,090,359,041.84 to $1,096,653,444.49 an increase of $6,294,402.65 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JESSICA B. CORLEY

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) Jessica Corley

16C. DATE SIGNED 10-16-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,028,717,031.94.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **November 22**, 2009.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 193	Obligation This Modification 194	Total Funding Thru Mod 194
Total Cost	$1,022,422,629.29	$6,294,402.65	**$1,028,717,031.94**
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,090,359,041.84	$6,294,402.65	**$1,096,653,444.49**

Obligations:	
PR	Amount
4200316462	$6,088,930.00
4200316471	$205,472.65
Total	$6,294,402.65

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF 1 | 2

2. AMENDMENT/MODIFICATION NO. 195

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than Item 6) CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE | FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. X NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

- ☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- ☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b)
- ☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- X d. OTHER (Specify type of modification and authority) Mutual Agreement of Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to update Appendix 2 to Attachment J-11, Award Fee Plan, to reflect award fee dollars available and revised award fee period dates. Please see attached page for revisions that are in bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Lon F. Miller, Senior Vice President/General Manager

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Jessica Corley

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED 10/22/09

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 10/23/09

30-105

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9*	April 1, 2009 – September 30, 2009	$10,068,506	TBD
10*	October 1, 2009 – March 31, 2010	$8,747,779	TBD
11*	April 1, 2010 – September 30, 2010	$3,874,934	TBD
12*	October 1, 2010- March 31, 2011	$2,493,212	TBD
13*	April 1, 2011 – September 30, 2011	$2,611,433	TBD
14*	October 1, 2011 – March 31, 2012	$2,568,823	TBD
15*	April 1, 2012 – September 30, 2012	$2,697,052	TBD
16*	October 1, 2012 – January 31, 2013	$1,678,394	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review

Note: *These amounts are based upon current work authorized as of **October 2, 2009** (reference Modification 195). It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF 1 | 1

2. AMENDMENT/MODIFICATION NO: 196

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY: CODE
NASA/Johnson Space Center
Attn: Jessica Corley/BH1
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than item 6): CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH1
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE | FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO.
X NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)
Mutual Agreement of Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) add Clause H.19 Property Purchased Under The Direct Overhead Pool; (2) add Clause H. 20 Contractor Accountable On-site Government Property (NFS 1852.245-73); (3) delete Clause Property Records (FAR 52.245-1) from Section I; (4) update Section A Table of Contents with the additional clauses. Please see attached pages for additional information.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remain unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Tom F. Miller, Senior Vice President/General Manager

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED
10/22/09

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Jessica Corley

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED
10/23/09

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

1. Clause H.19 PROPERTY PURCHASED UNDER THE DIRECT OVERHEAD POOL is hereby incorporated into the contract in full text

"H.19 PROPERTY PURCHASED UNDER THE DIRECT OVERHEAD POOL

This clause shall be used to clarify when title vests for property purchased under the Direct Overhead Pool. The parties agree that any purchases will be capitalized and depreciated in accordance with the Contractor's established cost accounting practices and procedures and disclosure statement.

The Contractor agrees to maintain complete records of purchases made that are subject to this clause. Records shall include but are not limited to the date of purchase, purchase price, depreciation schedule, and amount of depreciation recorded from time to time. The Contractor further agrees to make these records available to the Contracting Officer along with the Contractor's best estimate of the undepreciated balance of each item of equipment.

The Government has the first right of title of property purchases made within the Direct Overhead Pool. If the property has not been fully depreciated the Government can purchase the property less any depreciation costs incurred. If the Government does not take title to the property, the Contractor will dispose of the property, via property transfer to another Contractor business unit or sale. If the property is sold or transferred, any net proceeds would be credited to the account expense, Direct Overhead Pool. The Contractor is also responsible for all costs associated with transfers to another Contractor business unit.

If the Government does not continue to contract with the Contractor for the performance of the same, or substantially the same services contemplated by this contract, the Contractor will, upon request by the Contracting Officer, transfer title to any purchases identified by the Contracting Officer from the records referenced above, to either (a) the Government, or (b) a successor contractor

End of clause"

2. Clause H.20 CONTRACTOR ACCOUNTABLE ON-SITE GOVERNMENT PROPERTY (NFS 1852.245-74) (MAR 1989) is hereby incorporated into the contract in full text

"H.20 CONTRACTOR ACCOUNTABLE ON-SITE GOVERNMENT PROPERTY (NFS 1852.245-74) (MAR 1989)

(a) In performance of work under this contract, certain Government property identified in the contract shall be provided to the Contractor on a no-charge-for-use basis by the installation's Supply and Equipment Management Officer. That property shall be utilized in the performance of this contract at the installation that provided the property or at such other installations or locations as may be specified elsewhere in this contract. The Contractor assumes accountability and user responsibilities for the property.
(b) Government property provided shall in every respect be subject to the provisions of the FAR 52.245 Government property clause of this contract. In addition, the contractor

is responsible for managing this property in accordance with the guidelines provided by the installation's Supply and Equipment Management Officer or any other formally designated representatives of the Contracting Officer. The guidelines include but are not limited to requiring the Contractor to--

(1) Use economic order quantity (EOQ) methods for routine stock replenishment;
(2) Utilize the Federal Cataloging System;
(3) Comply with shelf-life requirements;
(4) Provide for accountability and control (using the NASA Equipment Management System (NEMS)) of all equipment costing $1000 and over, plus that equipment designated as "sensitive";
(5) Provide for physical inventory of all controlled equipment at least every 3 years;
(6) Provide for sample inventories of materials plus complete inventories every 5 years;
(7) Conduct walk-through utilization inspections;
(8) Screen NEMS before acquiring any equipment costing $1000 or over, plus equipment designated by the installation as sensitive and costing $500 and over;
(9) Support the Equipment Acquisition Document (EAD) process, and
(10) Use Government sources as the first source of supply.

(c) Data requirements relating to the guidelines in paragraph (b) of this clause are specified under Section F, Deliveries or performance.

(End of clause)"

3. Clause PROPERTY RECORDS (FAR 52.245-1) (APR 1984) is hereby deleted in its entirety from Section I, Clause "I.1 LISTING OF CLAUSES INCORPORTAED BY REFERENCE".

4. Section A, Table of Contents in updated to include the additional clauses "H.19 PURCHASES IN THE DIRECT OVERHEAD POOL" and "H. 20 CONTRACTOR ACCOUNTABLE ON-SITE GOVERNMENT PROPERTY".

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO (If applicable)
000197	See Block 16C	4200317609	

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $3,089,214.99
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,096,653,444.49 to $1,099,742,659.48 an increase of $3,089,214.99 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	10/30/09

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

OMB APPROVAL #: 2700-0042

1. CONTRACT ID CODE		PAGE OF 1 2	
2. AMENDMENT/MODIFICATION NO. 198	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than Item 6) CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor [X] is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to update Clause G.5 Submission of Vouchers for Payment. Please see attached page for changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jessica Corley	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 11-5-09

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

1. Clause G.5 SUBMISSION OF VOUCHERS FOR PAYMENT, paragraph (d) is hereby changed:

From:

(d) Public vouchers for payment of fee shall be prepared similarly to the procedure in paragraph (c) of this clause, and be forwarded to:

NASA Lyndon B. Johnson Space Center
Attn: Mail Code BH, ESC Contracting Officer
2101 NASA Parkway
Houston, TX 77058-3696

To:

(d) Public vouchers for payment of fee shall be prepared similarly to the procedure in paragraph (c) of this clause, and be forwarded to:

NASA Shared Services Center (NSSC)
Financial Management Division (FMD)
Accounts Payable
Bldg. 1111, C Road
Stennis Space Center, MS 39529-6000

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO. 000199

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HT05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By seperate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$2,370,509.19

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,099,742,659.48 to $1,097,372,150.29 a decrease of $2,370,509.19 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED 11-12-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,029,435,737.74.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November **19**, 2009.

(b) An additional amount of $67,936,412.55 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 198	Obligation This Modification 199	Total Funding Thru Mod 199
Total Cost	$1,031,806,246.93	($2,370,509.19)	**$1,029,435,737.74**
Fee	$67,936,412.55	$0.00	$67,936,412.55
Total	$1,099,742,659.48	($2,370,509.19)	**$1,097,372,150.29**

De-obligations: PLI/ALI	**WBS Element WBS**	**Amount**
371-180	981155.02.05	$ (20,484.63)
383-660	092837.04.01.01.01.10	$ (20,349.71)
383-850	401769.06.03.03.02.05	$ (589.86)
387-530	092837.04.01.01.01.10	$ (182,754.68)
389-780	377816.06.02.05.03.01.02	$ (9,030.21)
391-350	253225.04.01.02.08.02.10	$ (76,411.73)
397-60	857464.05.05.04.01	$ (1,000.00)
401-230	903184.04.02.04.02	$ (37,683.23)
401-280	439906.05.04	$ (17,455.52)
403-210	644423.06.31.03.14.10	$ (50,572.21)
403-490	231402.02.01.01.40	$ (1,552.00)

403-550	644423.10.36.04.10.01	$ (29,942.81)
408-170	253225.04.01.02.08.02.10	$ (700,000.00)
409-310	092837.04.01.01.01.10	$ (47,383.00)
412-130	401769.06.03.03.02.05	$ (101.82)
412-210	439906.05.04	$ (10,137.73)
412-280	731384.06.04.01.31.04.03	$ (92,984.31)
412-380	903184.04.02.04.02	$ (59,699.99)
414-520	431731.04.01.10	$ (1,366.00)
415-540	795369.04.01.10	$ (138,636.00)
415-250	439906.05.04	$ (25,999.99)
415-260	182306.06.01.10	$ (80,000.00)
415-340	731384.06.04.01.31.04.02	$ (40,817.87)
415-350	731384.06.04.01.31.04.03	$ (9,372.51)
417-110	439906.05.04	$ (579.18)
417-180	731384.06.04.01.31.04.03	$ (19,978.20)
418-750	731384.06.04.01.31.04.03	$ (197,000.00)
418760	731384.06.04.01.31.02.01	$ (100,000.00)
418-950	092837.04.01.01.01.10	$ (79,383.00)
419-620	194666.02.01.10	$ (7,944.00)
419-120	119103.01.01	$ (26,746.00)
419-140	769347.05.08.13.02.09	$ (105,297.00)
419-330	092837.04.01.01.01.10	$ (6,492.00)
420-20	411672.10.05.01	$ (10,000.00)
420-110	644423.06.31.04.02.10.01	$ (38,000.00)
420-960	377816.06.02.05.01.08	$ (124,764.00)
Obligations		**0.00**
Deobligations		**(2,370,509.19)**
	TOTAL	**(2,370,509.19)**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: 000200

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200318750, 4200318749

5. PROJECT NO. (If applicable)

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule — Net Increase: $3,534,785.18

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,097,372,150.29 to $1,100,906,935.47 an increase of $3,534,785.18 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA — (Signature of Contracting Officer)

16C. DATE SIGNED: 11-13-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,032,793,783.49.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November **26**, 2009.

(b) An additional amount of **$68,113,151.98** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 199	Obligation This Modification 200	Total Funding Thru Mod 200
Total Cost	$1,029,435,737.74	$3,358,045.75	**$1,032,793,783.49**
Fee	$67,936,412.55	$176,739.43	**$68,113,151.98**
Total	$1,097,372,150.29	$3,534,785.18	**$1,100,906,935.47**

PR	Amount
4200318750	$1,096,917.18
4200318749	$2,437,868.00
Total	$3,534,785.18

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

OMB APPROVAL #: 2700-0042

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	1. CONTRACT ID CODE	PAGE OF
201	See Block 16C		1 / 3

4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Jessica Corley/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than Item 6) CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:
(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) G.2 Award Fee for Service Contracts (NASA 1852.216-76)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

EARNED AWARD FEE PERIOD 9- SEE CONTINUATION PAGE

EARNED AWARD FEE

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jessica Corley	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED 11-17-09

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

The purpose of this modification is to:

1.) Recognize earned award fee for the evaluation period April 1, 2009- September 30, 2009

Award Fee Available for this Period:	$10,068,506.00
Award Fee Earned @ 95%:	$9,565,081.00
Less Provisional Fee Paid: (reference # 67AF voucher)	$4,160,437.02
Net Payment Due:	$5,404,643.98

The amount identified above is the balance due to the contractor, which is to be paid based upon this modification to the contract. The contractor is not required to submit a voucher for the remaining Earned Award Fee that is due.

2.) Update Section J-11, Award Fee Plan, Appendix 2. A replacement page is attached with updated changes.

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,382,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9*	April 1, 2009 – September 30, 2009	$10,068,506	**$9,565,081**
10*	October 1, 2009 – March 31, 2010	$8,747,779	TBD
11*	April 1, 2010 – September 30, 2010	$3,874,934	TBD
12*	October 1, 2010- March 31, 2011	$2,493,212	TBD
13*	April 1, 2011 – September 30, 2011	$2,611,433	TBD
14*	October 1, 2011 – March 31, 2012	$2,568,823	TBD
15*	April 1, 2012 – September 30, 2012	$2,697,052	TBD
16*	October 1, 2012 – January 31, 2013	$1,678,394	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to ISC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of October 2, 2009 (reference Modification 195). It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000202

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO 4200319903, 4200319907

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $11,151,116.74

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,100,906,935.47 to 1,112,058,052.21 an increase of $11,151,116.74 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Stephen Jarvey

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED 11/18/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,043,387,344.39.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through December 11, 2009.

(b) An additional amount of **$68,670,707.82** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 201	Obligation This Modification 202	Total Funding Thru Mod 202
Total Cost	$1,032,793,783.49	$10,593,560.90	**$1,043,387,344.39**
Fee	$68,113,151.98	$557,555.84	**$68,670,707.82**
Total	$1,100,906,935.47	$11,151,116.74	**$1,112,058,052.21**

Obligations:	
PR	Amount
4200319907	$4,979,120.00
4200319903	$6,171,996.74
Total	$11,151,116.74

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: 000203

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY — CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than item 6) — CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$75,564.53
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,112,058,052.21 to $1,111,982,487.68, a decrease of $75,564.53 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): Julie K. Karr

16B. UNITED STATES OF AMERICA — (Signature of Contracting Officer): Julie K. Karr

16C. DATE SIGNED: 11/24/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,043,311,779.86.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through December 11, 2009.

(b) An additional amount of $68,670,707.82 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 202	Obligation This Modification 202	Total Funding Thru Mod 203
Total Cost	$1,043,387,344.39	($75,564.53)	**$1,043,311,779.86**
Fee	$68,670,707.82	$0.00	$68,670,707.82
Total	$1,112,058,052.21	($75,564.53)	**$1,111,982,487.68**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
415-70	401769.06.06.01.02.07	$ (11,138.00)
394-370	377816.06.02.05.03.10.05	$ (8,643.71)
401-430	377816.06.02.05.03.10.01	$ (41.19)
394-310	401769.06.05.01.02.11	$ (39.68)
399-560	401769.06.05.01.02.04	$ (17.86)
404-190	401769.06.06.01.02.04.01	$ (1,219.12)
412-50	377816.06.02.05.03.10.02	$ (35,373.22)
386-610	401769.06.06.01.02.04.04	$ (530.75)
394-900	604746.02.22.09.01.01.10	$ (15,000.00)
414-620	095240.04.03.02.03.10	$ (3,561.00)
Obligations		0.00
Deobligations		(75,564.53)
	TOTAL	(75,564.53)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000204

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$1,301,118.33
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,111,982,487.68 to $1,110,681,369.35, a decrease of $1,301,118.33 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
12-7-09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,042,010,661.53.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through December 11, 2009.

(b) An additional amount of $68,670,707.82 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 203	Obligation This Modification 204	Total Funding Thru Mod 204
Total Cost	$1,043,311,779.86	($1,301,118.33)	**$1,042,010,661.53**
Fee	$68,670,707.82	$0.00	$68,670,707.82
Total	$1,111,982,487.68	($1,301,118.33)	**$1,110,681,369.35**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
391-350	253225.04.01.02.08.02.10	$ (13,187.16)
401-290	439906.04.01.04	$ (7,186.43)
403-550	644423.10.36.04.10.01	$ (27,011.95)
414-630	253225.04.02.02.01.10	$ (219,690.45)
415-230	439906.04.01.04	$ (10,380.81)
418-420	439432.04.18.03	$ (50,000.00)
418-430	439432.04.19.05.03.01	$ (57,921.00)
419-60	644423.02.36.12.10	$ (78,224.53)
419-480	574542.07.05	$ (12.00)
420-330	399765.03.02	$ (10,000.00)
420-410	024629.10.01.01.01.01	$ (2,870.00)
422-40	903184.04.02.01.33	$ (750,000.00)
422-70	119103.01.01	$ (20,000.00)
422-140	432938.09.01.05.03.20	$ (3,000.00)

422-150	432938.09.01.05.03.22	$ (3,000.00)
422-320	401769.06.03.07.02.07	$ (37,000.00)
422-690	644423.02.36.15.10	$ (11,634.00)
Obligations		0.00
Deobligations		(1,301,118.33)
	TOTAL	(1,301,118.33)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000205

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $21,048,469.55

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,110,681,369.35 to $1,131,729,838.90, an increase of $21,048,469.55 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED 12/10/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,062,006,707.60.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **January 7, 2010.**

(b) An additional amount of **$69,723,131.30** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 204	Obligation This Modification 205	Total Funding Thru Mod 205
Total Cost	$1,042,010,661.53	$19,996,046.07	**$1,062,006,707.60**
Fee	$68,670,707.82	$1,052,423.48	**$69,723,131.30**
Total	$1,110,681,369.35	$21,048,469.55	**$1,131,729,838.90**

Obligations: PR	Amount
4200322398	$7,881,777.39
4200322423	$4,831,402.27
4200322427	$5,224,561.89
4200322431	$1,042,533.00
4200322509	$2,068,195.00
Total	$21,048,469.55

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000206

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
4200323711

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $2,191,328.80
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,131,729,838.90 to $1,133,921,167.70, an increase of $2,191,328.80 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
12/17/09

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,064,198,036.40.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **January 12, 2010.**

(b) An additional amount of $69,723,131.30 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 205	Obligation This Modification 206	Total Funding Thru Mod 206
Total Cost	$1,062,006,707.60	$2,191,328.80	**$1,064,198,036.40**
Fee	$69,723,131.30	$0.00	$69,723,131.30
Total	$1,131,729,838.90	$2,191,328.80	**$1,133,921,167.70**

Obligations: PR	Amount
4200323711	$2,191,328.80
Total	$2,191,328.80

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000207

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 4200325013, 016, 031, 059

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Increase: $40,005,345.37

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)
Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,133,921,167.70 to $1,173,926,513.07, an increase of $40,005,345.37 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 1-7-10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,102,203,114.50.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **March 14, 2010.**

(b) An additional amount of **$71,723,398.57** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 206	Obligation This Modification 207	Total Funding Thru Mod 207
Total Cost		b4 005,078.10	**$1,102,203,114.50**
Fee	$69,723,131.30	$2,000,267.27	**$71,723,398.57**
Total	$1,133,921,167.70	$40,005,345.37	**$1,173,926,513.07**

Obligations: PR	Amount
4200325013	$15,022,044.11
4200325016	$7,362,209.71
4200325031	$10,461,331.55
4200325059	$7,159,760.00
Total	$40,005,345.37

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000208	See Block 16C	4200326088	

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $6,290,838.24
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,173,926,513.07 to $1,180,217,351.31, an increase of $6,290,838.24 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Wendy S. Crisman	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Wendy Crisman (Signature of Contracting Officer)	16C. DATE SIGNED 1/15/10

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,108,493,952.74.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 4, 2010.**

(b) An additional amount of $71,723,398.57 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 207	Obligation This Modification 208	Total Funding Thru Mod 208
Total Cost	$1,102,203,114.50	$6,290,838.24	**$1,108,493,952.74**
Fee	$71,723,398.57	$0.00	$71,723,398.57
Total	$1,173,926,513.07	$6,290,838.24	**$1,180,217,351.31**

Obligations:	
PR	Amount
4200326088	$6,290,838.24
Total	$6,290,838.24

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000209

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$804,725.57
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,180,217,351.31 to $1,179,412,625.74, a decrease of $804,725.57 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

Jessica Corley

(Signature of Contracting Officer)

16C. DATE SIGNED 1-20-10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,107,689,227.17.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 4, 2010.**

(b) An additional amount of $71,723,398.57 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 208	Obligation This Modification 209	Total Funding Thru Mod 209
Total Cost	$1,108,493,952.74	($804,725.57)	**$1,107,689,227.17**
Fee	$71,723,398.57	$0.00	$71,723,398.57
Total	$1,180,217,351.31	($804,725.57)	**$1,179,412,625.74**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
430-50	432938.09.01.05.03.28	$ (1,500.00)
409-300	031102.02.05.0931.09	$ (24,000.00)
423-80	644423.10.31.10	$ (30,000.00)
428-10	432938.09.01.05.03.16	$ (1,188.00)
429-20	736466.11.01.05.01.02	$ (327,867.00)
429-390	604746.07.02.06.02.10	$ (50,000.00)
432-20	432938.09.01.05.03.36	$ (24,750.00)
427-440	432938.11.01.05.05	$ (26,893.00)
423-90	432938.11.01.05.05	$ (33,812.00)
427-360	079749.01.10	$ (84,309.00)
427-420	079749.01.10	$ (12,293.00)
427-690	387498.04.01.02.02.10	$ (3,811.30)
427-460	253225.04.02.02.01.10	$ (31,872.07)

427-900	644423.10.33.02.10	$	(22,983.93)
414-520	431731.04.01.10	$	(6,320.27)
427810	431731.04.01.10	$	(94,426.00)
433-810	644423.06.34.10	$	(20,000.00)
418-640	825855.01.03.10	$	(8,700.00)
Obligations			0.00
Deobligations			(804,725.57)
	TOTAL		(804,725.57)

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF 1 | 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
210	See Block 16C		

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY *(If other than Item 6)* CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State, and Zip Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	d. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. description of amendment/modification *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to make an administrative change to the contract. Please see attached pages for details and changes in bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Jessica Corley	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Jessica Corley *(Signature of Contracting Officer)*	16C. DATE SIGNED 2/2/10

Clause H.12 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989) is hereby revised to the following, changes are in bold:

"H.12 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

(a) The personnel and/or facilities listed below (or specified in the contract Schedule) are considered essential to the work being performed under this contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the Contracting Officer reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this contract.

(b) The Contractor shall make no diversion without the Contracting Officer's written consent; provided that the Contracting Officer may ratify in writing the proposed change, and that ratification shall constitute the Contracting Officer's consent required by this clause.

(c) The list of personnel and/or facilities (shown below or as specified in the contract Schedule) may, with the consent of the contracting parties, be amended from time to time during the course of the contract to add or delete personnel and/or facilities.

General Manager: Lon Miller
Deputy General Manager: Dr. Joy Kelly
Scientific, Engineering, and Analytical Support Director: **Paul Nemeth**

End of Clause"

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000211

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $28,462,222.98
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,179,412,625.74 to $1,207,874,848.72, an increase of $28,462,222.98 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Jessica Corley
(Signature of Contracting Officer)

16C. DATE SIGNED
2/8/10

(Signature of person authorized to sign)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,134,728,339.00.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **May 17, 2010.**

(b) An additional amount of **$73,146,509.72** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 210	Obligation This Modification 211	Total Funding Thru Mod 211
Total Cost	$1,107,689,227.17	$27,039,111.83	**$1,134,728,339.00**
Fee	$71,723,398.57	$1,423,111.15	**$73,146,509.72**
Total	$1,179,412,625.74	$28,462,222.98	**$1,207,874,848.72**

Obligations: PR	Amount
4200329729	$11,109,442.20
4200329667	$10,867,978.30
4200329684	$6,484,802.48
Total	$28,462,222.98

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE			PAGE 1 OF PAGES 2
2. AMENDMENT/MODIFICATION NO. 000212	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200330288	5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Increase: $411,327.18

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $1,207,874,848.72 to $1,208,286,175.90, an increase of $411,327.18 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		JESSICA E. CORLEY	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 2/17/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,135,139,666.18.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through May 17, 2010.

(b) An additional amount of $73,146,509.72 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 211	Obligation This Modification 212	Total Funding Thru Mod 212
Total Cost	$1,134,728,339.00	$411,327.18	**$1,135,139,666.18**
Fee	$73,146,509.72	$0.00	$73,146,509.72
Total	$1,207,874,848.72	$411,327.18	**$1,208,286,175.90**

Obligations: PR	Amount
4200330288	$411,327.18
Total	$411,327.18

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000213

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$1,400,504.01
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

- ☐ A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- ☐ B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- ☐ C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- X D. OTHER (Specify type of modification and authority)
  Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,208,286,175.90 to $1,206,885,671.89, a decrease of $1,400,504.01, and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

(Signature of person authorized to sign)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
JESSICA E. CORLEY

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
2/24/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,133,739,162.17.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through April 4, 2010.

(b) An additional amount of $73,146,509.72 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 212	Obligation This Modification 213	Total Funding Thru Mod 213
Total Cost	$1,135,139,666.18	($1,400,504.01)	**$1,133,739,162.17**
Fee	$73,146,509.72	$0.00	$73,146,509.72
Total	$1,208,286,175.90	($1,400,504.01)	**$1,206,885,671.89**

De-obligations: PLI/ALI	WBS Element WBS	Amount
423-430	964946.02.06.01.10	(10,000.00)
429-550	048290.02.01.01.01	(150,000.00)
428-790	432938.09.01.05.03.30	(25,809.00)
428-800	432938.09.01.05.03.31	(25,000.00)
428-810	432938.09.01.05.03.29	(25,000.00)
418-420	439432.04.18.03	(11,178.00)
434-540	401769.06.03.06.02.07	(809.28)
434-570	401769.06.06.01.01.10	(14,167.83)
434-740	426245.07.01.01.17	(1,913.97)
437-510	575376.07.01.02.01.03	(24.93)
437-520	575376.07.01.02.03.01	(6.44)
434-420	377816.06.02.05.03.12.01	(18,098.38)
434-450	377816.06.02.05.03.17.01	(17,344.19)
434-460	377816.06.02.05.03.17.02	(317,555.22)

434-470	377816.06.02.05.03.17.03	(26,483.49)
437-280	401769.06.06.01.02.21	(8,445.78)
425-610	377816.06.02.05.06.01	(30,000.00)
436-20	075585.01.01.03.03.10	(6,156.37)
437-320	432938.09.01.05.03.24	(10,000.00)
434-200	377816.06.02.05.10.04	(5,000.00)
427-460	253225.04.02.02.01.10	(16,680.13)
422-60	401769.06.06.01.02.04	(15,000.00)
438-130	401769.06.06.01.02.04	(70,831.00)
440-680	432938.11.01.05.05	(20,000.00)
438-350	432938.11.01.05.05	(575,000.00)
Obligations		0.00
Deobligations		(1,400,504.01)
	TOTAL	(1,400,504.01)

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF 1 | 20

2. AMENDMENT/MODIFICATION NO. 214

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than Item 6) CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE | FACILITY CODE

9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. X NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- X d. OTHER (Specify type of modification and authority) Mutual Agreeement of the Parties

E. IMPORTANT: Contractor ☐ ☒ is required to sign this document and return 2 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: 1.) Delete Clause 52.232-34 Payment by Electronic Fund Transfer-Other Than Central Contractor Registration in Section I and replace it with Clause 52.232.33 Payment by Electronic Funds Transfer-Central Contractor Registration; 2.) Delete the Current J-12 in the contract and replace with the attached Wage Determination Plan which became effective on 2/01/2010.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)
Lon F. Miller, Senior Vice President /General Manager

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Jessica Corley

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED 2/25/10

16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)

16C. DATE SIGNED 2/26/10

NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

STANDARD FORM 30 (Rev. 10-83)
Prescribed by GSA

STANDARD FORM e 98

January 1996

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS
ADMINISTRATION

NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE

(See Instructions on Reverse)

1. NOTICE NO.

NASA
NNJ05HI05C

MAIL TO:

Administrator
Wage and Hour Division
U.S. Department of Labor
Washington, DC 20210

2. Estimated solicitation date *(use numerals)*

Month	Day	Year

3. Estimated date bids or proposals to be opened or negotiations begun *(use numerals)*

Month	Day	Year

4. Date contract performance to begin *(use numerals)* Extension

Month	Day	Year
02	01	10

5. PLACE(S) OF PERFORMANCE

Harris County, TX

6. SERVICES TO BE PERFORMED *(describe)*

IV: Engineering and Science Contract
Contract Number NNJ04HI05
Contract Period of Performance 02/01/10 to 01/31/11

7. INFORMATION ABOUT PERFORMANCE

A. [X] Services now performed by a contractor
B. [ ] Services now performed by Federal employees
C. [ ] Services not presently being performed

8. IF BOX A IN ITEM 7 IS MARKED, COMPLETE ITEM 8 AS APPLICABLE

a. Name and address of incumbent contractor

Sverdrup Technology, Inc.
600 William Northern Blvd. P.O. Box 884
Tullahoma, TN 37388

b. Number(s) of any wage determination(s) in incumbent's contract

WD 2005-2516, WD CBA 2006-134

c. Name(s) of union(s) if services are being performed under collective bargaining agreement(s). ***Important:*** Attach copies of current applicable collective bargaining agreements

IAM&AW, District 37, Local 1786

9. OFFICIAL SUBMITTING NOTICE

SIGNED:
Original signed by Miyoshi Thompson

DATE
02/25/2010

TYPE OR PRINT NAME
Miyoshi Thompson
Contract Specialist

TELEPHONE NO.
281-244-1683

10. TYPE OR PRINT NAME AND TITLE OF PERSON TO WHOM RESPONSE IS TO BE SENT AND NAME AND ADDRESS OF DEPARTMENT OR AGENCY, BUREAU, DIVISION, ETC.

NASA Johnson Space Center
Jessica Corley, Mail Code BH2
2101 NASA Parkway
Houston, TX 77058

RESPONSE TO NOTICE
(by Department of Labor)

A. [X] The attached wage determination(s) listed below apply to procurement.
2005-2516, Rev. 11
2006-134, Rev. 0

B. [ ] As of this date, no wage determination applicable to the specified locality and classes of employees is in effect.

C. [ ] From information supplied, the Service Contract Act does not apply *(see attached explanation).*

D. [ ] Notice returned for additional information *(see attached explanation)*

Signed: _____
(U.S. Department of Labor)

_____
(Date)

COMPUTER-GENERATED 1/96

98-103

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA NNJ05HI05C
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT Harris County, TX Nonexempt/Nonunion: Occupations Included in "DOL Directory"	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
General Clerk, I	6	GS-2 $12.34
General Clerk, II	2	GS-3 $13.47
General Clerk, III	13	GS-4 $15.12
Production Control Clerk	23	GS-6 $18.86
Illustrator, III	1	GS-9 $25.63
Administrative Assistant	17	GS-7 $20.96
Secretary, I	2	GS-4 $15.12
Secretary, II	26	GS-5 $16.92
Secretary, III	22	GS-6 $18.86
Accounting Clerk, III	1	GS-5 $16.92
Order Clerk, II	1	GS-3 $13.47
Technical Writer, II	1	GS-9 $25.63
Drafter/CAD Operator, III	4	GS-6 $18.86
Drafter/CAD Operator IV	11	GS-8 $23.21
Word Processor, II	4	GS-4 $15.12
Word Processor, III	11	GS-5 $16.92
Scheduler Maintenance	1	GS-4 $15.12
Computer Programmer, I	1	GS-5 $16.92
Computer Programmer, III	1	GS-9 $25.63
Electronic Tech., Maint., I	1	WG-8 $21.43
Electronic Tech. Maint., II	7	WG-9 $22.89
Engineering Tech., I	60	GS-3 $13.47
Engineering Tech., II	27	GS-4 $15.12
Engineering Tech., III	29	GS-5 $16.92
Engineering Tech., IV	20	GS-7 $20.96
Engineering Tech., V	3	GS-9 $25.63
Engineering Tech., VI	1	GS-11 $31.01
Computer Operator, III	2	GS-6 $18.86
Computer Systems Analyst, III	2	GS-12 $37.17
Library Technician	1	GS-5 $16.92

STANDARD FORM 98a February 1973 U.S. DEPARTMENT OF LABOR Employment Standards Administration	NOTICE OF INTENTION TO MAKE A SERVICE CONTRACT AND RESPONSE TO NOTICE (Attachment A)	11. Notice No. NASA NNJ05HI05C
12. CLASSES OF SERVICE EMPLOYEES TO BE EMPLOYED ON CONTRACT	13. NUMBER OF EMPLOYEES IN EACH CLASS	14. HOURLY WAGE RATE THAT WOULD BE PAID IF FEDERALLY EMPLOYED
Nonexempt Union: IAM&AW, Local 1786 with Jacobs Sverdrup		
- continued-		
Machinist Experimental, III	27	Per CBA $25.35 – 29.10
Mechanical Systems Technician, I	3	Per CBA $13.20 – 13.54
Mechanical Systems Technician, II	7	Per CBA $18.10 – 20.29
Mechanical Systems Technician, III	10	Per CBA $22.58 – 29.10
Metal Finishing Technician, II	1	Per CBA $29.10
Model Shop Technician, I	1	Per CBA $21.05
Model Shop Technician, II	1	Per CBA $21.05
Model Shop Technician, III	3	Per CBA $26.42 – 29.10
RF Systems Technician, II	1	Per CBA $25.35
RF Systems Technician, III	3	Per CBA $28.10 – 29.10
Sheet Metal Mechanic, II	3	Per CBA $17.14 – 22.58
Sheet Metal Mechanic, III	6	Per CBA $25.14 – 29.10
Shipping & Receiving Technician, I	1	Per CBA $13.70
Shipping & Receiving Technician, II	5	Per CBA $15.30 – 18.88
Shipping & Receiving Technician, III	1	Per CBA $23.89
Simulation Technical Specialist, III	3	Per CBA $28.10
Softgoods Technician, I	1	Per CBA $14.19
Softgoods Technician, II	1	Per CBA $17.57
Softgoods Technician, III	3	Per CBA $24.17– 29.10
Tool Crib Attendant, I	1	Per CBA $11.75
Tool Crib Attendant, II	1	Per CBA $17.41
Tool Crib Attendant, III	4	Per CBA $19.78 – 23.89
TV Systems Technician, III	2	Per CBA $28.10
Technician, III	1	Per CBA $21.48
Technician Assistant, I	4	Per CBA $13.15–15.33
Technician Assistant, II	1	Per CBA $19.39
Technician Assistant, III	1	Per CBA $21.48
Welder Technician, I	1	Per CBA $17.10
Welder Technician, III	3	Per CBA $24.55 – 29.10

REGISTER OF WAGE DETERMINATION UNDER THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

William W. Gross
Director

Division of
Wage Determinations

Wage Determination No.: CBA-2006-134
Revision No.: 0
Date of Last Revision: 2/16/2006

State: Texas

Area: Harris

Employed on National Aeronautics and Space Administration, Johnson Space Center contract for Engineering and Science Support.

Collective Bargaining Agreement between contractor: Jacobs Sverdrup, and union: International Association of Machinist & Aerospace Workers, Local 1786, District 37, effective 12/24/2005 through 1/31/2011.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON, D.C. 20210
Shirley F. Ebbesen Director Division of Wage Determinations	Wage Determination No.: 2005-2516 Revision No.: 11 Date of Last Revision: 07/22/2009

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14 .89
01012 - Accounting Clerk II		16 .71
01013 - Accounting Clerk III		18 .78
01020 - Administrative Assistant		23 .55
01040 - Court Reporter		21 .79
01051 - Data Entry Operator I		12 .09
01052 - Data Entry Operator II		14 .32
01060 - Dispatcher, Motor Vehicle		15 .96
01070 - Document Preparation Clerk		13 .41
01090 - Duplicating Machine Operator		13 .41
01111 - General Clerk I		10 .80
01112 - General Clerk II		12 .97
01113 - General Clerk III		14 .88
01120 - Housing Referral Assistant		20 .55
01141 - Messenger Courier		11 .95
01191 - Order Clerk I		13 .52
01192 - Order Clerk II		15 .24
01261 - Personnel Assistant (Employment) I		15 .13

01262 - Personnel Assistant (Employment) II	16 .92
01263 - Personnel Assistant (Employment) III	18 .86
01270 - Production Control Clerk	19 .10
01280 - Receptionist	12 .02
01290 - Rental Clerk	14 .75
01300 - Scheduler, Maintenance	15 .92
01311 - Secretary I	15 .92
01312 - Secretary II	17 .90
01313 - Secretary III	20 .55
01320 - Service Order Dispatcher	15 .16
01410 - Supply Technician	23 .55
01420 - Survey Worker	16 .59
01531 - Travel Clerk I	13 .63
01532 - Travel Clerk II	14 .69
01533 - Travel Clerk III	15 .71
01611 - Word Processor I	13 .50
01612 - Word Processor II	15 .59
01613 - Word Processor III	17 .44

05000 - Automotive Service Occupations

05005 - Automobile Body Repairer, Fiberglass	24 .80
05010 - Automotive Electrician	22 .66
05040 - Automotive Glass Installer	21 .68
05070 - Automotive Worker	20 .91
05110 - Mobile Equipment Servicer	19 .27
05130 - Motor Equipment Metal Mechanic	24 .53
05160 - Motor Equipment Metal Worker	20 .91
05190 - Motor Vehicle Mechanic	24 .53
05220 - Motor Vehicle Mechanic Helper	18 .48
05250 - Motor Vehicle Upholstery Worker	19 .84
05280 - Motor Vehicle Wrecker	20 .91
05310 - Painter, Automotive	22 .66
05340 - Radiator Repair Specialist	22 .88
05370 - Tire Repairer	14 .40
05400 - Transmission Repair Specialist	25 .17

07000 - Food Preparation And Service Occupations

07010 - Baker	10 .04
07041 - Cook I	9 .52
07042 - Cook II	10 .88
07070 - Dishwasher	8 .11
07130 - Food Service Worker	9 .12
07210 - Meat Cutter	12 .53
07260 - Waiter/Waitress	7 .97

09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	16 .65
09040 - Furniture Handler	11 .74
09080 - Furniture Refinisher	16 .09
09090 - Furniture Refinisher Helper	13 .74
09110 - Furniture Repairer, Minor	15 .29
09130 - Upholsterer	16 .65

11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9 .90
11060 - Elevator Operator	8 .17
11090 - Gardener	14 .52
11122 - Housekeeping Aide	8 .17
11150 - Janitor	8 .17
11210 - Laborer, Grounds Maintenance	10 .93
11240 - Maid or Houseman	7 .73
11260 - Pruner	8 .99
11270 - Tractor Operator	12 .82
11330 - Trail Maintenance Worker	10 .93
11360 - Window Cleaner	8 .92

12000 - Health Occupations	
12010 - Ambulance Driver	14 .48
12011 - Breath Alcohol Technician	15 .64
12012 - Certified Occupational Therapist Assistant	21 .54
12015 - Certified Physical Therapist Assistant	22 .53
12020 - Dental Assistant	15 .64
12025 - Dental Hygienist	32 .49

12030 - EKG Technician	23 .56
12035 - Electroneurodiagnostic Technologist	23 .56
12040 - Emergency Medical Technician	14 .48
12071 - Licensed Practical Nurse I	18 .94
12072 - Licensed Practical Nurse II	21 .19
12073 - Licensed Practical Nurse III	23 .62
12100 - Medical Assistant	12 .40
12130 - Medical Laboratory Technician	15 .90
12160 - Medical Record Clerk	14 .53
12190 - Medical Record Technician	16 .57
12195 - Medical Transcriptionist	16 .81
12210 - Nuclear Medicine Technologist	35 .13
12221 - Nursing Assistant I	7 .79
12222 - Nursing Assistant II	10 .02
12223 - Nursing Assistant III	10 .94
12224 - Nursing Assistant IV	12 .40
12235 - Optical Dispenser	15 .26
12236 - Optical Technician	13 .90
12250 - Pharmacy Technician	17 .44
12280 - Phlebotomist	13 .30
12305 - Radiologic Technologist	24 .27
12311 - Registered Nurse I	29 .05
12312 - Registered Nurse II	35 .53
12313 - Registered Nurse II, Specialist	35 .53
12314 - Registered Nurse III	42 .98
12315 - Registered Nurse III, Anesthetist	42 .98
12316 - Registered Nurse IV	51 .52
12317 - Scheduler (Drug and Alcohol Testing)	21 .85

13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	19 .30
13012 - Exhibits Specialist II	24 .74
13013 - Exhibits Specialist III	28 .94
13041 - Illustrator I	18 .07
13042 - Illustrator II	22 .56
13043 - Illustrator III	27 .38
13047 - Librarian	26 .69
13050 - Library Aide/Clerk	10 .26
13054 - Library Information Technology Systems Administrator	24 .09

13058 - Library Technician		14 .58
13061 - Media Specialist I		17 .39
13062 - Media Specialist II		19 .46
13063 - Media Specialist III		21 .68
13071 - Photographer I		13 .93
13072 - Photographer II		17 .60
13073 - Photographer III		22 .56
13074 - Photographer IV		26 .40
13075 - Photographer V		30 .06
13110 - Video Teleconference Technician		16 .73

14000 - Information Technology Occupations

14041 - Computer Operator I		16 .41
14042 - Computer Operator II		18 .35
14043 - Computer Operator III		20 .46
14044 - Computer Operator IV		22 .74
14045 - Computer Operator V		25 .18
14071 - Computer Programmer I	(see 1)	25 .36
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		16 .41
14160 - Personal Computer Support Technician		22 .74

15000 - Instructional Occupations

15010 - Aircrew Training Devices Instructor (Non-Rated)	32 .64
15020 - Aircrew Training Devices Instructor (Rated)	39 .49
15030 - Air Crew Training Devices Instructor (Pilot)	47 .34
15050 - Computer Based Training Specialist / Instructor	31 .10
15060 - Educational Technologist	29 .02
15070 - Flight Instructor (Pilot)	47 .34
15080 - Graphic Artist	25 .42
15090 - Technical Instructor	22 .43
15095 - Technical Instructor/Course Developer	27 .43

15110 - Test Proctor	18 .43
15120 - Tutor	18 .43

16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations

16010 - Assembler	9 .40
16030 - Counter Attendant	9 .40
16040 - Dry Cleaner	12 .06
16070 - Finisher, Flatwork, Machine	9 .40
16090 - Presser, Hand	9 .40
16110 - Presser, Machine, Drycleaning	9 .40
16130 - Presser, Machine, Shirts	9 .40
16160 - Presser, Machine, Wearing Apparel, Laundry	9 .40
16190 - Sewing Machine Operator	12 .79
16220 - Tailor	13 .75
16250 - Washer, Machine	10 .32

19000 - Machine Tool Operation And Repair Occupations

19010 - Machine-Tool Operator (Tool Room)	18 .32
19040 - Tool And Die Maker	21 .12

21000 - Materials Handling And Packing Occupations

21020 - Forklift Operator	12 .84
21030 - Material Coordinator	18 .58
21040 - Material Expediter	18 .58
21050 - Material Handling Laborer	12 .26
21071 - Order Filler	11 .47
21080 - Production Line Worker (Food Processing)	12 .84
21110 - Shipping Packer	14 .60
21130 - Shipping/Receiving Clerk	14 .60
21140 - Store Worker I	10 .67
21150 - Stock Clerk	15 .13
21210 - Tools And Parts Attendant	13 .58
21410 - Warehouse Specialist	12 .84

23000 - Mechanics And Maintenance And Repair Occupations

23010 - Aerospace Structural Welder	28 .07
23021 - Aircraft Mechanic I	26 .73
23022 - Aircraft Mechanic II	28 .07
23023 - Aircraft Mechanic III	29 .47
23040 - Aircraft Mechanic Helper	20 .93
23050 - Aircraft, Painter	24 .39
23060 - Aircraft Servicer	23 .28
23080 - Aircraft Worker	24 .53
23110 - Appliance Mechanic	17 .26
23120 - Bicycle Repairer	13 .91
23125 - Cable Splicer	25 .34
23130 - Carpenter, Maintenance	18 .58
23140 - Carpet Layer	17 .83
23160 - Electrician, Maintenance	26 .51
23181 - Electronics Technician Maintenance I	21 .28
23182 - Electronics Technician Maintenance II	23 .89
23183 - Electronics Technician Maintenance III	25 .10
23260 - Fabric Worker	15 .97
23290 - Fire Alarm System Mechanic	19 .95
23310 - Fire Extinguisher Repairer	15 .46
23311 - Fuel Distribution System Mechanic	19 .28
23312 - Fuel Distribution System Operator	16 .33
23370 - General Maintenance Worker	18 .08
23380 - Ground Support Equipment Mechanic	26 .73
23381 - Ground Support Equipment Servicer	23 .28
23382 - Ground Support Equipment Worker	24 .53
23391 - Gunsmith I	15 .46
23392 - Gunsmith II	18 .08
23393 - Gunsmith III	20 .27
23410 - Heating, Ventilation And Air-Conditioning Mechanic	21 .04
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	21 .95
23430 - Heavy Equipment Mechanic	19 .45
23440 - Heavy Equipment Operator	19 .26
23460 - Instrument Mechanic	23 .52
23465 - Laboratory/Shelter Mechanic	19 .29
23470 - Laborer	10 .97
23510 - Locksmith	18 .99
23530 - Machinery Maintenance Mechanic	22 .76

23550 - Machinist, Maintenance	20 .16
23580 - Maintenance Trades Helper	13 .58
23591 - Metrology Technician I	23 .52
23592 - Metrology Technician II	24 .54
23593 - Metrology Technician III	25 .58
23640 - Millwright	21 .53
23710 - Office Appliance Repairer	18 .99
23760 - Painter, Maintenance	18 .99
23790 - Pipefitter, Maintenance	19 .44
23810 - Plumber, Maintenance	18 .98
23820 - Pneudraulic Systems Mechanic	20 .27
23850 - Rigger	19 .47
23870 - Scale Mechanic	18 .08
23890 - Sheet-Metal Worker, Maintenance	19 .95
23910 - Small Engine Mechanic	18 .08
23931 - Telecommunications Mechanic I	23 .89
23932 - Telecommunications Mechanic II	24 .95
23950 - Telephone Lineman	23 .20
23960 - Welder, Combination, Maintenance	20 .27
23965 - Well Driller	20 .27
23970 - Woodcraft Worker	20 .27
23980 - Woodworker	15 .04

24000 - Personal Needs Occupations	
24570 - Child Care Attendant	10 .65
24580 - Child Care Center Clerk	13 .27
24610 - Chore Aide	7 .25
24620 - Family Readiness And Support Services Coordinator	12 .57
24630 - Homemaker	16 .84

25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	21 .14
25040 - Sewage Plant Operator	18 .70
25070 - Stationary Engineer	21 .14
25190 - Ventilation Equipment Tender	14 .33
25210 - Water Treatment Plant Operator	18 .32

27000 - Protective Service Occupations		
27004 - Alarm Monitor		16 .14
27007 - Baggage Inspector		11 .15
27008 - Corrections Officer		18 .04
27010 - Court Security Officer		19 .25
27030 - Detection Dog Handler		17 .90
27040 - Detention Officer		18 .04
27070 - Firefighter		19 .10
27101 - Guard I		11 .15
27102 - Guard II		17 .90
27131 - Police Officer I		23 .52
27132 - Police Officer II		26 .14
28000 - Recreation Occupations		
28041 - Carnival Equipment Operator		11 .63
28042 - Carnival Equipment Repairer		12 .36
28043 - Carnival Equpment Worker		8 .51
28210 - Gate Attendant/Gate Tender		13 .90
28310 - Lifeguard		12 .38
28350 - Park Attendant (Aide)		15 .55
28510 - Recreation Aide/Health Facility Attendant		11 .35
28515 - Recreation Specialist		17 .83
28630 - Sports Official		12 .38
28690 - Swimming Pool Operator		17 .44
29000 - Stevedoring/Longshoremen Occupational Services		
29010 - Blocker And Bracer		19 .36
29020 - Hatch Tender		19 .36
29030 - Line Handler		19 .36
29041 - Stevedore I		17 .98
29042 - Stevedore II		20 .65
30000 - Technical Occupations		
30010 - Air Traffic Control Specialist, Center (HFO)	(see 2)	39 .61

30011 - Air Traffic Control Specialist, Station (HFO)	(see 2)	27 .31
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2)	30 .07
30021 - Archeological Technician I		21 .10
30022 - Archeological Technician II		25 .47
30023 - Archeological Technician III		30 .62
30030 - Cartographic Technician		30 .62
30040 - Civil Engineering Technician		30 .03
30061 - Drafter/CAD Operator I		21 .10
30062 - Drafter/CAD Operator II		24 .71
30063 - Drafter/CAD Operator III		27 .56
30064 - Drafter/CAD Operator IV		32 .42
30081 - Engineering Technician I		18 .25
30082 - Engineering Technician II		22 .45
30083 - Engineering Technician III		25 .11
30084 - Engineering Technician IV		31 .09
30085 - Engineering Technician V		38 .65
30086 - Engineering Technician VI		46 .04
30090 - Environmental Technician		29 .96
30210 - Laboratory Technician		23 .56
30240 - Mathematical Technician		30 .62
30361 - Paralegal/Legal Assistant I		20 .47
30362 - Paralegal/Legal Assistant II		25 .36
30363 - Paralegal/Legal Assistant III		31 .02
30364 - Paralegal/Legal Assistant IV		37 .52
30390 - Photo-Optics Technician		30 .62
30461 - Technical Writer I		21 .46
30462 - Technical Writer II		26 .25
30463 - Technical Writer III		31 .75
30491 - Unexploded Ordnance (UXO) Technician I		25 .17
30492 - Unexploded Ordnance (UXO) Technician II		30 .45
30493 - Unexploded Ordnance (UXO) Technician III		36 .50
30494 - Unexploded (UXO) Safety Escort		25 .17
30495 - Unexploded (UXO) Sweep Personnel		25 .17
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	26 .35
30621 - Weather Observer, Senior	(see 2)	30 .48

31000 - Transportation/Mobile Equipment Operation Occupations	
31020 - Bus Aide	11 .25
31030 - Bus Driver	16 .38

31043 - Driver Courier	12 .75
31260 - Parking and Lot Attendant	8 .34
31290 - Shuttle Bus Driver	13 .89
31310 - Taxi Driver	11 .54
31361 - Truckdriver, Light	13 .89
31362 - Truckdriver, Medium	17 .25
31363 - Truckdriver, Heavy	19 .46
31364 - Truckdriver, Tractor-Trailer	19 .46

99000 - Miscellaneous Occupations	
99030 - Cashier	9 .10
99050 - Desk Clerk	10 .65
99095 - Embalmer	21 .55
99251 - Laboratory Animal Caretaker I	9 .74
99252 - Laboratory Animal Caretaker II	10 .71
99310 - Mortician	24 .04
99410 - Pest Controller	14 .36
99510 - Photofinishing Worker	11 .47
99710 - Recycling Laborer	14 .96
99711 - Recycling Specialist	18 .24
99730 - Refuse Collector	13 .34
99810 - Sales Clerk	11 .51
99820 - School Crossing Guard	9 .96
99830 - Survey Party Chief	20 .96
99831 - Surveying Aide	14 .35
99832 - Surveying Technician	18 .13
99840 - Vending Machine Attendant	12 .00
99841 - Vending Machine Repairer	14 .41
99842 - Vending Machine Repairer Helper	12 .31

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $3.35 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor

or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541.400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:
(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary

materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the

employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000215

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/ BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $21,387,796.06
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) increase the current contract funding from $1,206,885,671.89 to $1,228,273,467.95, an increase of $21,387,796.06 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Stephen Janney

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
3/9/10

(Signature of person authorized to sign)

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,153,629,812.51.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **July 25, 2010**.

(b) An additional amount of obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 214	Obligation This Modification 215	Total Funding Thru Mod 215
Total Cost	$1,133,739,162.17	$19,890,650.34	**$1,153,629,812.51**
Fee	$73,146,509.72	$1,497,145.72	**$74,643,655.44**
Total	$1,206,885,671.89	$21,387,796.06	**$1,228,273,467.95**

Obligations: PR	Amount
4200333102	$11,334,271.40
4200333143	$ 5,927,599.28
4200333168	$ 4,125,925.38
Total	$21,387,796.06

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE		PAGE OF PAGES	
		1	2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
000216	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Increase: $14,595,264.73

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) increase the current contract funding from $1,228,273,467.95 to $1,242,868,732.67, an increase of $14,595,264.72 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
		P. Lamar Mueller	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		P. Lamar Mueller *(Signature of Contracting Officer)*	03/17/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,167,530,064.62.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 18, 2010**.

(b) An additional amount of **$75,338,668.05** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 215	Obligation This Modification 216	Total Funding Thru Mod 216
Total Cost	**$1,153,629,812.51**	**$13,900,252.11**	**$1,167,530,064.62**
Fee	**$74,643,655.44**	**$695,012.61**	**$75,338,668.05**
Total	**$1,228,273,467.95**	**$14,595,264.72**	**$1,242,868,732.67**

Obligations:	
PR	**Amount**
4200334297	$10,974,486.60
4200334301	$3,620,778.12
Total	$14,595,264.72

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000217

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Decrease: -$434,853.14

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) decrease the current contract funding from $1,242,868,732.67 to $1,242,433,879.53, a decrease of $434,853.14 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Adrian Clayton

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Adrian D. Clayton
(Signature of Contracting Officer)

16C. DATE SIGNED
3/24/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,167,095,211.48.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through June 18, 2010.

(b) An additional amount of $75,338,668.05 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 216	Obligation This Modification 217	Total Funding Thru Mod 217
Total Cost	$1,167,530,064.62	($434,853.14)	**$1,167,095,211.48**
Fee	$75,338,668.05	$0.00	$75,338,668.05
Total	$1,242,868,732.67	($434,853.14)	**$1,242,433,879.53**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
383-670	441261.04.22.03.10	(60,000.00)
415-540	795369.04.01.10	(36,186.02)
427-640	075585.01.01.03.03.10	(9,800.00)
427-200	411672.10.05.01	(46,907.67)
432-10	411672.10.05.01	(243,557.41)
432-40	795369.04.01.10	(813.98)
437-280	401769.06.06.01.02.21	(9,445.79)
442-460	401769.06.05.02.02.17	(10,000.00)
443-480	644423.02.35.10.03	(800.00)
443-590	432938.09.01.05.03.28	(2,101.82)
443-730	170786.07.03.09.01.32	(3,000.00)
443-740	377816.06.02.05.03.12.01	(3.66)
443-750	377816.06.02.05.03.17.04	(8,181.95)
443-760	401769.06.03.07.02.01	(15.70)

443-770	401769.06.06.01.02.11	(6.98)
443-780	644423.06.31.03.09.10	(4,032.16)
Obligations		0.00
Deobligations		(434,853.14)
	TOTAL	(434,853.14)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000218

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan C. Jackson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$81,355.64

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,242,433,879.53 to $1,242,352,523.89, a decrease of $81,355.64 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Adrian Clayton

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED
3/29/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,167,013,855.84.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through June 18, 2010.

(b) An additional amount of $75,338,668.05 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 217	Obligation This Modification 218	Total Funding Thru Mod 218
Total Cost	$1,167,095,211.48	($81,355.64)	**$1,167,013,855.84**
Fee	$75,338,668.05	$0.00	$75,338,668.05
Total	$1,242,433,879.53	($81,355.64)	**$1,242,352,523.89**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
420-59	401769.06.03.07.02.07	(6,161.09)
422-32	401769.06.03.07.02.07	(2,994.55)
426-19	401769.06.03.07.02.07	(72,200.00)
Obligations		0.00
Deobligations		(81,355.64)
	TOTAL	(81,355.64)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000219

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Decrease: -$1,300,000.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,242,352,523.89 to $1,241,052,523.89, a decrease of $1,300,000.00 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Stephen Janney

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED
4/7/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,165,713,855.48.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through June 18, 2010.

(b) An additional amount of $75,338,668.05 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 218	Obligation This Modification 219	Total Funding Thru Mod 219
Total Cost	$1,167,013,855.84	($1,300,000.00)	**$1,165,713,855.84**
Fee	$75,338,668.05	$0.00	$75,338,668.05
Total	$1,242,352,523.89	($1,300,000.00)	**$1,241,052,523.89**

De-obligations: PLI/ALI	WBS Element WBS	Amount
442-690	644423.06.35.02.10	(300,000.00)
442-700	644423.06.35.03.10	(200,000.00)
442-710	644423.06.35.04.10	(200,000.00)
445-340	644423.06.31.04.01.10	(300,000.00)
442-900	282938.07.21.02.02.10	(200,000.00)
445-310	282938.07.21.02.02.10	(100,000.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000220

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$36,711.64

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,241,052,523.89 to $1,241,015,812.25 , a decrease of $36,711.65 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
P. Lamar Mueller

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
P. Lamar Mueller
(Signature of Contracting Officer)

16C. DATE SIGNED
4-9-10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,165,677,144.20.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through June 18, 2010.

(b) An additional amount of $75,338,668.05 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 219	Obligation This Modification 220	Total Funding Thru Mod 220
Total Cost	$1,165,713,855.84	($36,711.64)	**$1,165,677,144.20**
Fee	$75,338,668.05	$0.00	$75,338,668.05
Total	$1,241,052,523.89	($36,711.64)	**$1,241,015,812.25**

De-obligations: PLI/ALI	WBS Element WBS	Amount
259-30	685676.08.10	(36,711.62)
259-10	843515.01.15.05	(0.02)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000221

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
4200337225

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Increase: $22,352,623.83

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) increase the current contract funding from $1,241,015,812.25 to $1,263,368,436.08, an increase of $22,352,623.83 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Adrian Clayton

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Adrian J. Clayton
(Signature of Contracting Officer)

16C. DATE SIGNED
4-12-2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,187,582,715.55**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 7, 2010**.

(b) An additional amount of **$75,785,720.53** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 220	Obligation This Modification 221	Total Funding Thru Mod 221
Total Cost	$1,165,677,144.20	$21,905,571.35	**$1,187,582,715.55**
Fee	$75,338,668.05	$447,052.48	**$75,785,720.53**
Total	$1,241,015,812.25	$22,352,623.83	**$1,263,368,436.08**

Obligations: PR	Amount
4200336024	$1,851,476.58
4200337225	$15,390,827.65
4200337257	$5,110,319.60
Total	$22,352,623.83

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO.
000222

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to update Appendix 2 to Attachment J-11, Award Fee Plan, to reflect award fee dollars available. Please see attached page for revisions that are in bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR
Lon F Miller
(Signature of person authorized to sign)

15C. DATE SIGNED
4/21/10

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Stephen Janney

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
4/21/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9*	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10*	October 1, 2009 – March 31, 2010	**$9,327,610**	TBD
11*	April 1, 2010 – September 30, 2010	$3,874,934	TBD
12*	October 1, 2010- March 31, 2011	$2,493,212	TBD
13*	April 1, 2011 – September 30, 2011	$2,611,433	TBD
14*	October 1, 2011 – March 31, 2012	$2,568,823	TBD
15*	April 1, 2012 – September 30, 2012	$2,697,052	TBD
16*	October 1, 2012 – January 31, 2013	$1,678,394	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of **March 31, 2010**. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000223

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule Net Increase: $4,558,794.86

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) increase the current contract funding from $1,263,368,436.08 to $1,267,927,230.94, an increase of $4,558,794.86 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Stephen Janney

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED
4/22/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,191,913,570.67**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 13, 2010**.

(b) An additional amount of **$76,013,660.27** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 222	Obligation This Modification 223	Total Funding Thru Mod 223
Total Cost	$1,187,582,715.55	$4,330,855.12	**$1,191,913,570.67**
Fee	$75,785,720.53	$227,939.74	**$76,013,660.27**
Total	$1,263,368,436.08	$4,558,794.86	**$1,267,927,230.94**

Obligations: PR	Amount
4200338346	$576,680.32
4200338335	$3,982,114.54
Total	$4,558,794.86

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000224

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Decrease: -$132,669.19
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to: (1) decrease the current contract funding from $1,267,927,230.94 to $1,267,794,561.75, a decrease of $132,669.19 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Stephen Janney

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED
4/23/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,191,780,901.48**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through June 13, 2010.

(b) An additional amount of $76,013,660.27 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 223	Obligation This Modification 224	Total Funding Thru Mod 224
Total Cost	$1,191,913,570.67	($132,669.19)	**$1,191,780,901.48**
Fee	$76,013,660.27	$0.00	$76,013,660.27
Total	$1,267,927,230.94	($132,669.19)	**$1,267,794,561.75**

De-obligations:	WBS Element	
PLI/ALI	WBS	Amount
398-80	361426.04.05	($10.00)
420-950	401769.06.08.02.02.05	($26,383.19)
421-80	432938.11.01.05.04	($7,500.00)
430-190	377816.06.02.05.03.04.01	($2,775.00)
434-200	377816.06.02.05.10.04	($70,000.00)
442-470	401769.06.06.01.02.08	($8,000.00)
442530	644423.06.31.03.05.10	($16,001.00)
448-190	432938.09.01.05.02.06.01	($2,000.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000225	See Block 16C	4200340981	

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $17,449,272.01

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,267,794,561.75 to $1,285,243,833.76, an increase of $17,449,272.01 and (2) recapitulate funding.

Change Item 005 to read as follows(amount shown is the obligated amount):

005 INCREMENTAL FUNDING 1,530,469,258.01
Incrementally Funded Amount: $658,047,396.58

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Julie K. Karr	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		Julie K. Karr (Signature of Contracting Officer)	5/10/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,208,399,255.78**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **August 10, 2010**.

(b) An additional amount of **$76,844,577.98** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 224	Obligation This Modification 225	Total Funding Thru Mod 225
Total Cost	$1,191,780,901.48	$16,618,354.30	**$1,208,399,255.78**
Fee	$76,013,660.27	$830,917.71	**$76,844,577.98**
Total	$1,267,794,561.75	$17,449,272.01	**$1,285,243,833.76**

PR	Amount
4200340981	$17,449,272.01

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.: 000226

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) G.2 Award Fee for Service Contracts (NASA 1852-76)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
EARNED AWARD FEE PERIOD 10-SEE CONTINUATION PAGE

EARNED AWARD FEE

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Stephen Janney

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED 5/11/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to:

1.) Recognize earned award fee for the evaluation period October 1, 2009- March 31, 2010

Award Fee Available for this Period:	$9,327,610.00
Award Fee Earned @ 98%:	$9,141,058.00
Less Provisional Fee Paid: (reference # 67AF voucher)	$4,373,890.02
Net Payment Due:	$4,767,167.98

The amount identified above is the balance due to the contractor, which is to be paid based upon this modification to the contract. The contractor is not required to submit a voucher for the remaining Earned Award Fee that is due.

2.) Update Section J-11, Award Fee Plan, Appendix 2. A replacement page is attached with updated changes.

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9*	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10*	October 1, 2009 – March 31, 2010	$9,327,610	**$9,141,058**
11*	April 1, 2010 – September 30, 2010	$3,874,934	TBD
12*	October 1, 2010- March 31, 2011	$2,493,212	TBD
13*	April 1, 2011 – September 30, 2011	$2,611,433	TBD
14*	October 1, 2011 – March 31, 2012	$2,568,823	TBD
15*	April 1, 2012 – September 30, 2012	$2,697,052	TBD
16*	October 1, 2012 – January 31, 2013	$1,678,394	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of **March 31, 2010**. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000227

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200341923

5. PROJECT NO. (If applicable):

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 — FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $3,472,084.95

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,285,243,833.76 to $1,288,715,918.71, an increase of $3,472,084.95 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): Julie K. Karr

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA — Julie K. Karr (Signature of Contracting Officer)

16C. DATE SIGNED: 5/24/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,211,706,003.35**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **August 10, 2010**.

(b) An additional amount of **$77,009,915.36** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 226	Obligation This Modification 227	Total Funding Thru Mod 227
Total Cost	$1,208,399,255.78	$3,306,747.57	**$1,211,706,003.35**
Fee	$76,844,577.98	$165,337.38	**$77,009,915.36**
Total	$1,285,243,833.76	$3,472,084.95	**$1,288,715,918.71**

PR	Amount
4200341923	$3,472,084.95
Total	$3,472,084.95

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 3 PAGES

2. AMENDMENT/MODIFICATION NO.
000228

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan C. Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$2,327,961.72

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,288,715,918.71 to $1,286,387,956.99, a decrease of $2,327,961.72 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Julie K. Karr
(Signature of Contracting Officer)

16C. DATE SIGNED
5/27/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,209,378,041.63**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 10, 2010.

(b) An additional amount of $77,009,915.36 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 227	Obligation This Modification 228	Total Funding Thru Mod 228
Total Cost	$1,211,706,003.35	($2,327,961.72)	**$1,209,378,041.63**
Fee	$77,009,915.36	$0.00	$77,009,915.36
Total	$1,288,715,918.71	($2,327,961.72)	**$1,286,387,956.99**

PLI/ALI	WBS	Amount
429-230	731384.10.31.02.01	(3,102.93)
434-200	377816.06.02.05.10.04	(10,000.00)
435-360	731384.10.31.02.01	(7,369.87)
438-190	377816.06.02.05.03.10.05	(13,000.00)
442-80	644423.06.31.04.02.10.02	(158,959.00)
448-320	600265.01.05.01	(100,000.00)
449-750	672854.01.06.02	(5,000.00)
452-230	253225.04.02.01.09.10	(48,819.00)
452-40	439906.04.01.04	(100,000.00)
452-30	439906.02.04	(15,000.00)
452-10	439906.01.04	(20,000.00)
452-90	903184.01.05	(7,651.24)
452-150	903184.04.01.01	(226,845.17)
452-100	903184.04.02.01.03	(51,946.34)
452-130	903184.04.02.04.03	(490,258.99)
453-150	401769.06.03.07.03.07	(250,000.00)

453-160	401769.06.03.07.03.08	(100,000.00)
453-180	609524.07.01.02.06.04	(28,666.00)
453-600	644423.02.38.04.10	(84,000.00)
453-860	439906.04.01.04	(155,000.00)
453-870	439906.04.02.04	(160,885.00)
454-260	903184.01.05	(13,897.41)
454-310	903184.04.01.01	(63,498.04)
454-270	903184.04.02.01.03	(46,886.43)
454-280	903184.04.02.02.03	(55,296.88)
455-210	604746.02.06.01.10	(70,682.44)
456-70	903184.04.02.01.03	(14,196.98)
458-30	432938.11.01.05.01.02	(27,000.00)
Obligations		0.00
Deobligations		($2,327,961.72)
	TOTAL	($2,327,961.72)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000229

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200344909

5. PROJECT NO. (If applicable):

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

Net Increase: $15,963,851.23

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,286,387,956.99 to $1,302,351,808.22, an increase of $15,963,851.23 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

16B. UNITED STATES OF AMERICA
Julie K. Karr
(Signature of Contracting Officer)

16C. DATE SIGNED 6/8/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,224,581,709.47**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August **27**, 2010.

(b) An additional amount of **$77,770,098.75** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 228	Obligation This Modification 228	Total Funding Thru Mod 229
Total Cost	$1,209,378,041.63	$15,203,667.84	**$1,224,581,709.47**
Fee	$77,009,915.36	$760,183.39	**$77,770,098.75**
Total	$1,286,387,956.99	$15,963,851.23	**$1,302,351,808.22**

PR	Amount
4200344909	$15,963,851.23
Total	$15,963,851.23

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000230

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this administrative modification is to correct a one cent error committed on incremental funding Modification 216; see page 2 for changes in bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED
6/9/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

FROM:

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is $1,224,581,709.47. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 27, 2010.

(b) An additional amount of $77,770,098.75 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 228	Obligation This Modification 228	Total Funding Thru Mod 229
Total Cost	$1,209,378,041.63	$15,203,667.84	$1,224,581,709.47
Fee	$77,009,915.36	$760,183.39	$77,770,098.75
Total	$1,286,387,956.99	$15,963,851.23	$1,302,351,808.22

TO:

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,224,581,709.48**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 27, 2010.

(c) An additional amount of $77,770,098.75 is obligated under this contract for payment of fee.
(End of Clause)

3. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 228	Obligation This Modification 228	Total Funding Thru Mod 229
Total Cost	$1,209,378,041.64	$15,203,667.84	**$1,224,581,709.48**
Fee	$77,009,915.36	$760,183.39	$77,770,098.75
Total	$1,286,387,957.00	$15,963,851.23	**$1,302,351,808.23**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO. 000231

3. EFFECTIVE DATE 06/11/2010

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3695

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

FACILITY CODE

CODE 07188

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI03C

10B. DATED (SEE ITEM 13) 12/1/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

x Mutual Agreement of the Parties

E. IMPORTANT: Contractor is not, x is required to sign this document and return 1 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to update Clause G.5 Award Fee for Service Contracts and Jail Award Fee Plan, Appendix 2. See attached pages for changes.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

Michele Wilkinson, Operations Director

15B. CONTRACTOR/OFFEROR

Michele Wilkinson (Signature of person authorized to sign)

15C. DATE SIGNED 6/11/10

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)

Stephen Janney

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED 6/15/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause G.2 AWARD FEE FOR SERVICE CONTRACTS, paragraph (f)(1) is hereby revised to the following, changes are in bold:

From:

(f)(1) Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is 50% of award fee available determined at the start of the award fee period.

To:

(f)(1) Provisional award fee payments will be made under this contract pending the determination of the amount of fee earned for an evaluation period. If applicable, provisional award fee payments will be made to the Contractor on a monthly basis. The total amount of award fee available in an evaluation period that will be provisionally paid is **75%** of award fee available determined at the start of the award fee period.

2. J-11 Award Fee Plan, Appendix 2 is hereby revised to the following, changes are in bold:

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10	October 1, 2009 – March 31, 2010	$9,327,610	$9,141,058
11*	April 1, 2010 – September 30, 2010	**$9,351,65**572,874,934	TBD
12*	October 1, 2010 –March 31, 2011	$2,493,212	TBD
13*	April 1, 2011 – September 30, 2011	$2,611,433	TBD
14*	October 1, 2011 –March 31, 2012	$2,568,823	TBD
15*	April 1, 2012 –September 30, 2012	$2,697,052	TBD
16*	October 1, 2012 – January 31, 2013	$1,678,394	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall

confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of March 31, 2010. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000236

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200349849

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $2,152,878.28

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,313,898,570.36, to $1,316,051,448.64, an increase of $2,152,878.28 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Julie K. Karr

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED 7/16/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,237,467,006.67**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 31, 2010.

(b) An additional amount of **$78,584,441.97** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 235	Obligation This Modification 236	Total Funding Thru Mod 236
Total Cost	$1,235,416,646.40	$2,050,360.27	**$1,237,467,006.67**
Fee	$78,481,923.96	$102,518.01	**$78,584,441.97**
Total	$1,313,898,570.36	$2,152,878.28	**$1,316,051,448.64**

Obligations:	
PR	**Amount**
4200349849	**$2,152,878.28**
Total	**$2,152,878.28**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 4

2. AMENDMENT/MODIFICATION NO.
000232

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$3,335,006.99

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,302,351,808.23, to $1,299,016,801.24 a decrease of $3,335,006.99 and (2) recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
6/29/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,221,246,702.49**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 10, 2010.

(b) An additional amount of $77,770,098.75 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 231	Obligation This Modification 232	Total Funding Thru Mod 232
Total Cost	$1,224,581,709.48	($3,335,006.99)	**$1,221,246,702.49**
Fee	$77,770,098.75	$0.00	$77,770,098.75
Total	$1,302,351,808.23	($3,335,006.99)	**$1,299,016,801.24**

De-obligations: PLI	ALI	WBS Element WBS	Amount
444	50	048290.02.01.01	$ (107,999.07)
420	760	384573.06.01.01.06	$ (400.00)
420	780	401769.06.01.02.05	$ (3,000.00)
428	550	384573.06.01.01.06	$ (2,000.00)
428	750	644423.10.34.01.10	$ (78,974.00)
435	610	377816.06.02.05.03.23.05	$ (6,000.00)
435	630	384573.06.01.01.06	$ (2,000.00)
435	650	377816.06.02.05.03.26.01	$ (12,301.15)
435	670	401769.06.01.02.05	$ (20,000.00)
435	840	644423.10.33.02.10	$ (280,000.00)
438	450	377816.06.02.05.03.26.01	$ (20,000.00)
438	500	384573.06.01.01.06	$ (4,000.00)
446	310	644423.02.38.05.10	$ (112,000.00)
446	330	644423.06.31.04.04.10	$ (200,000.00)

446	350	644423.10.34.01.10	$ (200,000.00)
460	590	432938.09.01.05.02.06.01	$ (25,000.00)
446	80	432938.09.01.05.02.08.02	$ (4,814.52)
446	140	604746.02.22.09.01.01.10	$ (8,775.97)
443	620	604746.02.22.09.01.01.10	$ (799.29)
449	700	731384.02.31.02.01	$ (71,715.01)
453	660	731384.02.31.02.01	$ (27,564.99)
443	660	644423.02.36.09.10	$ (139,976.59)
446	100	432938.09.01.05.03.27	$ (1,276.49)
460	530	644423.10.36.04.10	$ (282.52)
453	750	426245.07.01.01.17	$ (350.26)
434	390	170786.07.03.13.01.33	$ (5,504.59)
460	450	644423.02.38.01.10	$ (200,200.00)
458	320	644423.02.36.06.10	$ (3,376.24)
460	360	401769.06.03.04.02.04	$ (16,887.95)
450	430	401769.06.03.07.02.01	$ (9,577.75)
452	190	431731.04.01.10	$ (500,000.00)
452	270	825855.05.10.01	$ (50,000.00)
452	220	387498.04.01.02.01.10	$ (200,000.00)
453	320	401769.06.03.01.02.15	$ (23,200.00)
427	480	644423.10.36.04.10	$ (2,228.00)
459	470	399765.03.03	$ (300.00)
440	450	401769.06.03.01.02.12	$ (7,000.00)
458	10	253225.04.02.02.02.10	$ (156,000.00)
459	510	377816.06.02.05.03.20.03	$ (18,000.00)
455	290	644423.06.31.04.01.10	$ (2,460.00)
452	120	903184.04.02.03.03	$ (558,636.91)
452	10	439906.01.04	$ (17,116.20)
452	30	439906.02.04	$ (63,676.14)
459	80	432938.08.01.05.01	$ (120,037.00)
458	100	378343.10.01.01.02.09	$ (6,370.00)
458	70	401769.06.05.02.02.01	$ (9,561.92)

438	330	432938.11.01.05.01.02	$ (11,896.39)
460	580	432938.11.01.05.01.02	$ (7,074.33)
265	320	644423.06.31.04.01.10	$ (15,660.06)
301	50	843515.01.07.05	$ (1,013.65)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000233

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Alan Jackson/BH
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$13,378.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to: (1) decrease the current contract funding from $1,299,016,801.24, to $1,299,003,422.59 a decrease of $13,378.65 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

16B. UNITED STATES OF AMERICA
Julie Karr
(Signature of Contracting Officer)

16C. DATE SIGNED
7/1/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is $1,221,233,323.84. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 10, 2010.

(b) An additional amount of $77,770,098.75 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 232	Obligation This Modification 233	Total Funding Thru Mod 233
Total Cost	$1,221,246,702.49	($13,378.65)	$1,221,233,323.84
Fee	$77,770,098.75	$0.00	$77,770,098.75
Total	$1,299,016,801.24	($13,378.65)	$1,299,003,422.59

De-obligations: PLI	ALI	WBS Element WBS	Amount
25	10	72-700-74-20-JR	$ (1,413.86)
140	10	72-336-37-01-OD	$ (2.55)
170	30	72-336-36-02-54	$ (10,868.51)
210	30	72-614-20-06-11	$ (1,093.73)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE		PAGE OF PAGES	1 / 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000234		4200348663	

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn:William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $14,948,329.43

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) increase the current contract funding from $1,299,003,422.59 , to $1,313,951,752.02 a increase of $14,948,329.43 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Julie K. Karr	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	7/8/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is $1,235,469,828.06 This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 10, 2010.

(b) An additional amount of $78,481,923.96 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 233	Obligation This Modification 234	Total Funding Thru Mod 234
Total Cost	$1,221,233,323.84	$14,236,504.22	$1,235,469,828.06
Fee	$77,770,098.75	$711,825.21	$78,481,923.96
Total	$1,299,003,422.59	$14,948,329.43	$1,313,951,752.02

Obligations: PR	Amount
4200348663	$14,948,329.43
Total	$14,948,329.43

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO.
000235

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule Net Decrease: -$53,181.66

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: (1) decrease the current contract funding from $1,313,951,752.02, to $1,313,898,570.36, a decrease of $53,181.66 and (2)recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Julie K. Karr

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

(Signature of person authorized to sign)

16B. UNITED STATES OF AMERICA
Julie K. Karr
(Signature of Contracting Officer)

16C. DATE SIGNED
7/13/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,235,416,646.40**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 10, 2010.

(b) An additional amount of $78,481,923.96 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 234	Obligation This Modification 235	Total Funding Thru Mod 235
Total Cost	$1,235,469,828.06	($53,181.66)	**$1,235,416,646.40**
Fee	$78,481,923.96	$0.00	$78,481,923.96
Total	$1,313,951,752.02	($53,181.66)	**$1,313,898,570.36**

De-obligations: PLI	ALI	WBS Element WBS	Amount
275	330	931164.05.02	$ (3,537.57)
314	670	685676.08.10	$ (515.65)
314	660	182306.02.01.10	$ (11,479.65)
319	10	685676.08.10	$ (14,385.62)
320	490	377816.06.02.05.11.01.05	$ (4,521.57)
324	350	182306.06.01.10	$ (18,741.60)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES: 1 | 5

2. AMENDMENT/MODIFICATION NO.: 000237

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.:

5. PROJECT NO. (If applicable):

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 | FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.:

9B. DATED (SEE ITEM 11):

X 10A. MODIFICATION OF CONTRACT/ORDER NO.: NNJ05HI05C

10B. DATED (SEE ITEM 13): 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:
1) Update Section A.
2) Update Section E.
3) Update Section J. See attached pages with changes in Bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print): Lon F. Miller, Sr. V.P. & General Manager

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): Ronald Johnson

15B. CONTRACTOR/OFFEROR: Lon F. Miller (Signature of person authorized to sign)

15C. DATE SIGNED: 7/28/10

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)

16C. DATE SIGNED

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1.) Section A: Table of Contents is hereby modified to change the title of DRD 25 from Contractor-Held Property Reporting to **KA/ARES Delivery Acceptance Report.**

2.) Clause E.3 Government Contract Quality Assurance Functions is hereby deleted its entirety and replaced with the following:

E.3 GOVERNMENT CONTRACT QUALITY ASSURANCE FUNCTIONS (NFS 1852.246-71) (OCT 1988)

In accordance with the inspection clause of this contract, the Government intends to perform the following functions at the locations indicated:

ITEM	***QUALITY ASSURANCE FUNCTION***	***LOCATION***
1	**Resident Government Quality Representatives to perform surveillance, Government mandatory inspections, and procurement quality assurance.**	**Contractor's Facility(s)**

(End of clause)

3.) Clause E.6 Assurance Surveillance Plan is hereby deleted in its entirety.

4.) Add DRL and DRD 26: Financial Reporting Contractor-Held in Section J-Attachments

5.) All other terms and conditions remain unchanged.

JSC DATA REQUIREMENTS DESCRIPTION (DRD)

(Based on JSC –STD-123. See work page for instructions.)

1. DRD Title	2. Date of current version	3. DRL Line Item No.	RFP/Contract No. (Procurement completes)
Financial Reporting Contractor- Held Property		026	NNJ05HI05C

4. Use *(Define need for, intended use of, and/or anticipated results of data)*	5. DRD Category: *(check one)*
Report NASA Property in the custody of contractors on both a monthly and annual basis.	☐ Technical ☐ Administrative ☐ SR&QA

6. References *(Optional)*	7. Interrelationships *(e.g., with other DRDs) (Optional)*

8. Preparation Information *(Include complete instructions for document preparation)*

Submission:

a. The due date for the Monthly Property Financial Reporting submission is the 21st day after the close of the month, beginning at the first month after contract start. The contractor shall continue to submitting report every month.

Example due dates for the monthly submission are as follows:
August 21 for the month ending July 31
September 21 for the month ending August 31
October 21 for the month ending September 30

c. The due date for Annual Property Reporting via NASA Form (NF) 1018 is January 30.

d. The all reports shall be submitted electronically.

Data Preparation Information:

a. Monthly Property Financial Reports are required to be submitted using the format located at the URL referenced in paragraph below. Monthly Financial Report will be submitted in accordance with PIC 04-12.

b. Annual Property NF 1018 reports shall be submitted using the NF 1018 Electronic Submission System (NESS). The NF1018 report provides annual summary-level property management and financial data on Government-furnished and contractor-acquired NASA property.

c. The NF1018 shall be completed in accordance with NASA FAR Supplement Subpart 1845.7101 and any supplemental guidance provided by the Contracting Officer.

Contents

Monthly Property Financial Reports

a. Monthly property financial reports are required with item level supporting data. This data shall be submitted for all items with an acquisition cost of $100,000 or more, in the contractor's and its subcontractors' possession, in the following classifications: real property, equipment, special test equipment, special tooling, and agency peculiar property. Monthly reporting is not required for property in the above classifications with an acquisition cost under $100,000. Monthly data shall also be submitted for items of any acquisition cost in the classifications of materials and contract work-in-process (WIP). Itemized monthly data is required for materials and WIP line items of $100,000 and over. Summary monthly data is required for materials and WIP line items under $100,000. The monthly reports shall be electronically submitted using the Contractor-Held

Asset Tracking System (CHATS) (http://nasachats.gsfc.nasa.gov/) using the format described in the CHATS user's manual.

b. Acquisition costs shall be developed using actual costs to the greatest extent possible, especially costs directly related to fabrication such as labor and materials. Supporting documentation shall be maintained and available for all amounts reported, including any amounts developed using estimating techniques.

c. All Adjustments shall be thoroughly explained and directly related to a specific fiscal year. If the fiscal year cannot be determined, the default shall be the previous fiscal year.

d. Work Breakdown Structures (WBS) shall NOT be provided for all Contractor acquired property (CAP), WIP, and any new materials acquired

NF 1018 Reports

a. Contractors shall report all NASA-owned property in US dollars, regardless of location.

b. Negative reports are required.

c. This reporting shall be completed in accordance with the NASA FAR Supplement (NFS) Subpart 1845.7101 and any supplemental guidance provided by the Contracting Officer.

Distribution:

a. The monthly reports shall be electronically submitted using the Contractor-Held Asset Tracking System (CHATS) (http://nasachats.gsfc.nasa.gov/) using the format described in the CHATS user's manual.

b. NASA Form (NF) 1018 reports shall be submitted using the NF 1018 Electronic Submission System (NESS) (http://ness.gsfc.nasa.gov/).

Maintenance:

a. Revisions shall be incorporated by change page or complete reissue.

ESC DATA REQUIREMENTS LIST (DRL) (Cont'd)

(See reverse for instructions)
Based on JSC-STD-123

a. Title of Contract, Project, SOW, etc.	b. Contract/RFP No.	c. DRL Date/Mod Date
Engineering and Science Contract	NNJ05HI05C	March 9, 2004

1. Line item	2. DRD Title	3. Data type	4.	5. As-of-date	6. 1st subm.	7. Copies
023	Notification of Potential Labor Dispute and Contingency Strike Plan	☐ (1) Written ☒ (2) Mandatory Submittal ☐ (3) Submitted upon request	RT		30 days after Contract start	a. E,HC b. 1, 3

8. Distribution *(Continue on a blank sheet if needed)*
1. Delivered by Secure protocol to the Design Data Management System (DDMS). This record will be automatically distributed.
2. Hard Copy submitted to the CO
3. Hard Copy submitted to the COTR
4. Hard Copy to JSC/BA2 Contract Labor Relations Officer

9. Remarks

1. Line item	2. DRD Title	3. Data type	4.	5. As-of-date	6. 1st subm.	7. Copies
024	Wage/Salary and Fringe Benefit Data	☐ (1) Written ☒ (2) Mandatory Submittal ☐ (3) Submitted upon request	AN		60 days after Contract start	a. E,HC b. 1,3

8. Distribution *(Continue on a blank sheet if needed)*
1. Delivered by Secure protocol to the Design Data Management System (DDMS). This record will be automatically distributed.
2. Hard Copy submitted to the CO
3. Hard Copy submitted to the COTR
4. Hard Copy to JSC/BA2 Contract Labor Relations Officer

9. Remarks
Box 6 – Subsequent submittals shall be annually, 90 days prior to the anniversary date of the contract
Three hardcopies and one electronic copy of each Collective Bargaining Agreement are required if organized labor is represented.

1. Line item	2. DRD Title	3. Data type	4.	5. As-of-date	6. 1st subm.	7. Copies
025	ARES Delivery/Acceptance Report	☐ (1) Written ☒ (2) Mandatory Submittal ☐ (3) Submitted upon request	AD		See block 9	a. E b. 1

8. Distribution *(Continue on a blank sheet if needed)*
Delivered to the Design Data Management System (DDMS) in the respective ARES Delivery Order or Task Order folder. This record will be automatically distributed.

9. Remarks
As directed in Delivery Order or Task Order OPR for this DRD is the ARES Technical Management Representative (TMR) or ARES Alternate TMR.

1. Line item	2. DRD Title	3. Data type	4.	5. As-of-date	6. 1st subm.	7. Copies
026	Financial Reporting Contractor-Held Property	☐ (1) Written ☒ (2) Mandatory Submittal ☐ (3) Submitted upon request	AD		See block 9	a. E b. 1

8. Distribution *(Continue on a blank sheet if needed)*
1. Delivered to the Design Data Management System (DDMS) in the respective ARES Delivery Order or Task Order folder. This record will be automatically distributed.
2. Monthly reports submitted using the Contractor-Held Asset Tracking System.

9. Remarks
Monthly Property Financial Reporting submission should be 21st date after close of the month

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000238	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$1,177,836.12
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds

E. IMPORTANT: Contractor X is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to :(1) decrease the current contract funding from $1,316,051,488.64 to $1,314,873,612.52, a decrease of $1,177,836.12 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Julie K. Karr	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA (Signature of Contracting Officer)	16C. DATE SIGNED 08/03/2010

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,236,289,170.55**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 31, 2010.

(b) An additional amount of **$78,584,441.97** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 237	Deobligation This Modification 238	Total Funding Thru Mod 238
Total Cost	$1,237,467,006.67	($1,177,836.12)	$1,236,289,170.55
Fee	$78,584,441.97	$0.00	$78,584,441.97
Total	$1,316,051,448.64	($1,177,836.12)	$1,314,873,612.52

De-obligations:		**WBS Element**	
PLI	**ALI**	**WBS**	**Amount**
307	480	377816.06.02.05.03.06.01	$ (35,873.98)
398	80	361426.04.05	$ (337.83)
409	290	031102.02.05.0930.09	$ (107,502.53)
409	300	031102.02.05.0931.09	$ (3,771.83)
429	370	731384.11.31.01	$ (27.80)
435	310	731384.06.04.03.31.02.01	$ (3,000.00)
436	260	401769.06.07.01.05	$ (195,000.00)
441	110	731384.06.04.01.31.04.50	$ (10,000.00)
443	340	731384.11.31.01	$ (27,487.25)
443	310	731384.06.04.01.31.02.50	$ (25,000.00)
449	610	401769.06.03.07.02.01	$ (44,826.33)
449	350	804911.02.05.0975.10	$ (28,393.95)
452	180	095240.04.04.22.03.10	$ (35,000.00)

452	10	439906.01.04	$ (952.03)
452	80	119103.01.01	$ (33,500.00)
453	130	964946.02.07.01.01	$ (19,000.00)
453	640	672854.01.06.02	$ (284.19)
456	80	903184.04.02.02.03	$ (6,886.54)
459	30	604746.07.02.06.01.10	$ (1,832.67)
461	290	769347.05.08.19	$ (120,000.00)
462	870	401769.06.06.01.02.24	$ (20,772.70)
462	770	644423.06.35.04.10	$ (200,000.00)
462	750	377816.06.02.05.03.21.02	$ (7,000.00)
462	690	769347.05.08.19	$ (250,000.00)
464	600	672854.01.06.02	$ (1,156.49)
464	320	024629.10.01.01.01.10	$ (230.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000239

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.
4200353389

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $22,859,834.03

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to :(1) increase the current contract funding from $1,314,873,612.52 to $1,337,733,446.55 , a increase of $22,859,834.03 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
8/10/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,258,060,441.05**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 31, 2010.

(b) An additional amount of **$79,673,005.50** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 238	**Obligation This Modification 239**	**Total Funding Thru Mod 239**
Total Cost	$1,236,289,170.55	$21,771,270.50	**$1,258,060,441.05**
Fee	$78,584,441.97	$1,088,563.53	**$79,673,005.50**
Total	$1,314,873,612.52	$22,859,834.03	**$1,337,733,446.55**

Obligations:	
PR	**Amount**
4200353389	**$22,859,834.03**
Total	**$22,859,834.03**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000239

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.
4200353389

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: William Myers/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

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X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

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The purpose of this modification is to :(1) increase the current contract funding from $1,314,873,612.52 to $1,337,733,446.55 , a increase of $22,859,834.03 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
8/10/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

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Fee	$78,584,441.97	$1,088,563.53	**$79,673,005.50**
Total	$1,314,873,612.52	$22,859,834.03	**$1,337,733,446.55**

Obligations:	
PR	**Amount**
4200353389	**$22,859,834.03**
Total	**$22,859,834.03**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO.: 000240

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200354910, 4200354937

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Alan Jackson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $9,449,106.34
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor X is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:(1) increase the current contract funding from $1,337,733,446.55 to $1,347,182,552.89, an increase of $9,449,106.34 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ronald Johnson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 8/16/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,267,037,092.07**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **October 30, 2010**.

(b) An additional amount of **$80,145,460.82** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 239	Obligation This Modification 240	Total Funding Thru Mod 240
Total Cost	$1,258,060,441.05	$8,976,651.02	**$1,267,037,092.07**
Fee	$79,673,005.50	$472,455.32	**$80,145,460.82**
Total	$1,337,733,446.55	$9,449,106.34	**$1,347,182,552.89**

Obligations:	
PR	Amount
4200354910	$7,943,106.32
4200354937	$1,506,000.02
Total	$9,449,106.34

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
306241	See Block 16C		

6. ISSUED BY CODE JSC	7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center Attn: Alan Jackson/BR2 2101 NASA Parkway Houston TX 77058-3696	NASA/Johnson Space Center Attn: Alan Jackson/BR2 2101 NASA Parkway Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		
MODBS Attn: Paul Spickard, Contracts Manager P. Box 58447 Houston TX 77258-8447	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C
		10B. DATED (SEE ITEM 13) 12/17/2004
CODE 07486 FACILITY CODE		

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$97,362.57
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:(1) decrease the current contract funding from $1,347,182,552.89 to $1,347,085,190.32, a decrease of $97,362.57 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ronald Johnson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 8/19/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,266,939,729.50**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through August 31, 2010.

(b) An additional amount of $80,145,460.82 is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 240	Deobligation This Modification 241	Total Funding Thru Mod 241
Total Cost	$1,267,037,092.07	($97,362.57)	**$1,266,939,729.50**
Fee	$80,145,460.82	$0.00	$80,145,460.82
Total	$1,347,182,552.89	($97,362.57)	**$1,347,085,190.32**

De-obligations:		WBS Element	
PLI	ALI	WBS	Amount
122	230	72-700-74-20-JR	$ (7,459.17)
134	640	72-761-90-2B	$ (3,787.76)
216	730	644423.06.03.24.10	$ (44.84)
216	110	321878.04.08.04.01.02.10	$ (1,553.70)
216	120	72-617-83-99	$ (0.52)
216	790	377816.06.02.05.03.21.02	$ (940.09)
234	780	72-379-30-05	$ (12,469.60)
235	70	931164.05.03	$ (2,737.78)
235	120	931164.05.03	$ (500.84)
235	30	193615.05.04.14.05	$ (0.97)
235	20	193615.05.04.14.05	$ (0.59)
240	880	72-612-30-01-01	$ (54,672.34)
240	330	401769.06.07.01.05	$ (52.45)
256	520	128636.01.10	$ (13,141.92)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 4

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO	5. PROJECT NO. (If applicable)
707242	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

ACCES
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

9A. AMENDMENT OF SOLICITATION NO. (x)

9B. DATED (SEE ITEM 11)

10A. MODIFICATION OF CONTRACT/ORDER NO. (X) NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

CODE 07486 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$8,207,119.52

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

D. OTHER (Specify type of modification and authority)

X Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor is not, is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to:(1) decrease the current contract funding from $1,347,085,190.32 to $1,338,878,070.80 a decrease of $8,207,119.52 and (2) recapitulate funding.

See Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ronald Johnson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 8/27/10

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,258,732,609.98**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through October 17, 2010.

(b) An additional amount of $80,145,460.82 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 241	Deobligation This Modification 242	Total Funding Thru Mod 242
Total Cost	$1,266,939,729.50	($8,207,119.52)	$1,258,732,609.98
Fee	$80,145,460.82	$0.00	$80,145,460.82
Total	$1,347,085,190.32	($8,207,119.52)	$1,338,878,070.80

De-obligations:		WBS Element	
PLI	**ALI**	**WBS**	**Amount**
420	30	411672.10.05.01	(2,150,000.00)
422	30	411672.10.05.01	(67,969.00)
425	430	609524.09.03.03.02.02.15	(4,470.38)
426	450	378343.10.01.01.02.07	(4,189.14)
427	200	411672.10.05.01	(1,775,092.33)
428	760	644423.06.31.04.04.10	(5,248.92)
428	740	644423.10.33.02.10	(79,000.00)
432	10	411672.10.05.01	(1,851,720.59)
435	540	377816.06.02.05.03.13.02	(9,000.00)
435	860	644423.06.31.04.04.10	(3,350.44)
435	600	377816.06.02.05.03.23.04	(194,000.00)
437	280	401769.06.06.01.02.21	(1,809.00)
438	610	401769.06.04.04.02.02	(9,000.00)

438	720	644423.06.31.04.04.10	(12,269.65)
438	470	378343.10.01.01.02.07	(20,000.00)
439	520	609524.09.03.03.02.02.15	(3,162.50)
440	450	401769.06.03.01.02.12	(1,700.00)
442	430	377816.06.02.05.03.20.01	(7,325.00)
442	650	401769.06.06.02.02.10	(11,000.00)
442	660	609524.09.03.03.02.02.15	(39,091.51)
444	210	378343.10.01.01.02.07	(11,810.86)
444	370	644423.06.31.04.04.10	(100,970.00)
446	310	644423.02.38.05.10	(101,000.00)
446	270	644423.02.36.02.10	(168,686.34)
449	850	401769.06.04.04.02.02	(105,000.00)
452	210	015792.04.01.10	(67,993.83)
452	120	903184.04.02.03.03	(74,689.02)
453	140	724297.20.27.05	(25,885.68)
453	110	378343.10.01.01.02.11	(404.33)
453	380	644423.06.31.03.10.10	(24,983.00)
459	800	724297.20.27.05	(121,114.32)
459	40	377816.06.02.05.03.02.01	(354.81)
459	350	401769.06.06.01.02.05	(20,799.83)
460	750	604746.02.23.03.02.01.10	(56,830.67)
461	200	401769.06.05.02.02.27	(45,000.00)
462	400	432938.09.01.05.02.06.01	(2,000.00)
462	950	644423.02.36.04.10	(138,000.00)
462	910	644423.02.38.05.10	(25,000.00)
462	670	644423.02.38.06.10	(72,000.00)
462	120	731384.06.04.01.31.04.03	(74,728.23)
462	730	401769.06.05.02.02.03	(60,000.00)
463	390	804911.02.05.0975.10	(26,675.90)
464	490	432938.09.01.05.03.27	(1,436.65)
464	360	377816.06.02.05.03.12.04	(3,241.10)
464	470	401769.06.03.07.02.07	(4,538.52)

464	500	432938.11.01.05.01.02	(14.89)
464	540	604746.02.22.07.01.01.10	(20,920.74)
464	600	672854.01.06.02	(39.00)
465	270	644423.10.33.03.10	(8,691.00)
466	620	432938.09.01.05.02.04.02	(4,246.50)
466	380	825855.05.10.01	(102,567.85)
466	440	432938.11.01.05.03	(3,000.06)
466	480	377816.06.02.05.03.19.02	(8,000.00)
466	490	377816.06.02.05.03.19.10	(20,000.00)
466	540	401769.06.03.06.02.02	(10,000.00)
467	770	644423.02.36.02.10	(42,000.00)
467	780	644423.02.36.03.10.01	(44,000.00)
467	800	644423.02.38.06.10	(27,000.00)
468	360	401769.06.06.01.02.06	(67,535.40)
468	100	401769.06.06.03.01.01	(18,833.53)
469	480	377816.06.02.05.03.20.03	(7,729.00)
469	210	769347.05.08.13.02.03	(5,000.00)
470	150	581570.02.02.02.03	(60,000.00)
470	160	401769.06.01.01.24	(175,000.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
243

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $16,072,298.60
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (Such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: increase the current contract funding from $1,338,878,070.80 to $1,354,950,369.40 an increase of $16,072,298.60 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
9/9/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,273,197,678.72.** This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 8, 2010.

(b) An additional amount of **$81,752,690.68** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 242	Deobligation This Modification 243	Total Funding Thru Mod 243
Total Cost	$1,258,732,609.98	$14,465,068.74	**$1,273,197,678.72**
Fee	$80,145,460.82	$1,607,229.86	**$81,752,690.68**
Total	$1,338,878,070.80	$16,072,298.60	**$1,354,950,369.40**

Obligations:	
PR	**Amount**
4200357599	**$3,511,550.22**
4200357605	**$7,061,007.06**
4200357606	**$2,562,346.06**
4200357609	**$2,937,395.26**
Total	**$16,072,298.60**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE OF PAGES: 1 | 2

2. AMENDMENT/MODIFICATION NO.: 000244

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200358435

5. PROJECT NO. (If applicable):

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE: 07486 — FACILITY CODE:

(x) 9A. AMENDMENT OF SOLICITATION NO.:

9B. DATED (SEE ITEM 11):

X 10A. MODIFICATION OF CONTRACT/ORDER NO.: NNJ05HI05C

10B. DATED (SEE ITEM 13): 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)
See Schedule — Net Increase: $6,153,538.16

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to: increase the current contract funding from $1,354,950,369.40 to $1,361,103,907.56 an increase of $6,153,538.16 and (2)recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print):

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print): Ronald Johnson

15B. CONTRACTOR/OFFEROR — (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA — Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED: 09/16/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,280,343,092.92**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 8, 2010.

(b) An additional amount of **$80,760,814.64** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 243	Obligation This Modification 244	Total Funding Thru Mod 244
Total Cost	$1,274,804,908.58	$5,538,184.34	$1,280,343,092.92
Fee	$80,145,460.82	615,353.82	$80,760,814.64
Total	$1,354,950,369.40	$6,153,538.16	$1,361,103,907.56

Obligations:	
PR	**Amount**
4200358435	**$6,153,538.16**
Total	**$6,153,538.16**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000245

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor X is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to correct page two of Mod 244. Please see changes in bold.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
09/17/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,278,735,863.06**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 8, 2010.

(b) An additional amount of **$82,368,044.50** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 243	Obligation This Modification 244	Total Funding Thru Mod 244
Total Cost	**$1,273,197,678.72**	$5,538,184.34	**$1,278,735,863.06**
Fee	**$81,752,690.68**	615,353.82	**$82,368,044.50**
Total	**$1,354,950,369.40**	$6,153,538.16	**$1,361,103,907.56**

Obligations:	
PR	**Amount**
4200358435	**$6,153,538.16**
Total	**$6,153,538.16**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO: 000246

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO NNJC5H155C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$156,132.19

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor X is not, is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification: (1)decrease the current contract funding from $1,361,103,907.56 to 1,360,947,775.37 a decrease of -$156,132.19 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson

16C. DATE SIGNED 9/22/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,278,579,730.87**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 8, 2010.

(b) An additional amount of **$82,368,044.50** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 245	Obligation This Modification 246	Total Funding Thru Mod 246
Total Cost	$1,278,735,863.06	($156,132.19)	$1,278,579,730.87
Fee	$82,368,044.50		$82,368,044.50
Total	$1,361,103,907.56	($156,132.19)	$1,360,947,775.37

De-obligations:		**WBS Element**	
PLI	**ALI**	**WBS**	**Amount**
438	910	811073.02.02.02.09	(12,000.00)
438	930	811073.02.02.03.17	(2,000.00)
448	480	857464.05.05	(1,245.96)
448	490	857464.05.05.04.01	(1,111.56)
455	260	644423.02.36.11.10	(9,875.67)
455	40	377816.06.02.05.03.10.05	(4,800.00)
460	590	432938.09.01.05.02.06.01	(7,300.00)
467	700	432938.09.01.05.03.30	(6,082.00)
471	940	401769.06.03.01.02.02	(100,000.00)
474	240	609524.09.03.03.02.03.01	(11,717.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE | PAGE OF PAGES

2. AMENDMENT/MODIFICATION NO: 000247

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO

5. PROJECT NO. (If applicable)

6. ISSUED BY — CODE: JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) — CODE: JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 | FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HJ05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By signing and returning Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.243-2, Changes-Cost Reimbursement (a) (3)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate FAR Clause 52.232-18, Availability of Funds for the Next Fiscal Year (Deviation APR 1984) at Section I.70 and update Section A. All other terms and conditions remain the same.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

16B. UNITED STATES OF AMERICA
Ronald Johnson

16C. DATE SIGNED 9/24/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

Clause I.20 AVAILABILITY OF FUNDS FOR THE NEXT FISCAL YEAR FAR 52.232-19 (APR 1984) is hereby incorporated as follows:

I.20 Availability of Funds for the Next Fiscal Year (Apr 1984)

Funds are not presently available for performance under this contract beyond September 30, 2010. The Government's obligation for performance of this contract beyond that date is contingent upon the availability of appropriated funds from which payment for contract purposes can be made. No legal liability on the part of the Government for any payment may arise for performance under this contract beyond September 30, 2010, until funds are made available to the Contracting Officer for performance and until the Contractor receives notice of availability, to be confirmed in writing by the Contracting Officer.

(End of Clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000248

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200359656

5. PROJECT NO. (If applicable):

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05H105C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $2,863,682.92

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification: (1) increase the current contract funding from $1,360,947,775.37 to 1,363,811,458.29 an increase of $2,863,682.92 and (2) recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED 9/29/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,281,157,045.50**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 10, 2010.

(b) An additional amount of **$82,654,412.79** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 246	Obligation This Modification 248	Total Funding Thru Mod 248
Total Cost	$1,278,579,730.87	$2,577,314.63	$1,281,157,045.50
Fee	$82,368,044.50	286,368.29	$82,654,412.79
Total	$1,360,947,775.37	$2,863,682.92	$1,363,811,458.29

Obligations:	
PR	**Amount**
4200359656	**$2,863,682.92**
Total	**$2,863,682.92**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000249

3. EFFECTIVE DATE See Block 16C

4. REQUISITION/PURCHASE REQ. NO. 4200360427

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $680,000.00
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification: (1) increase the current contract funding from $1,363,811,458.29 to $1,364,491,458.29 an increase of $680,000 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Julie K. Karr

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED 10/5/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is $1,281,157,045.50. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 10, 2010.

(b) An additional amount of **$83,34,412.79** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 248	Obligation This Modification 249	Total Funding Thru Mod 249
Total Cost	$1,281,157,045.50	$0.00	$1,281,157,045.50
Fee	$82,654,412.79	680,000.00	$83,334,412.79
Total	$1,363,811,458.29	$680,000.00	$1,364,491,458.29

Obligations:	
PR	**Amount**
4200360427	**$680,000.00**
Total	**$680,000.00**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000250

3. EFFECTIVE DATE
10/07/2010

4. REQUISITION/PURCHASE REQ. NO.
4200360936

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $2,427,196.53
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*
X	Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification: (1) increase the current contract funding from $1,364,491,458.29 to $1,366,238,654.82 an increase of $2,427,196.53 and (2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Adrian Clayton

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
10/07/2010

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,283,341,522.38**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 13, 2010.

(b) An additional amount of **$83,577,132.44** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 249	Obligation This Modification 250	Total Funding Thru Mod 250
Total Cost	$1,281,157,045.50	**$2,184,476.88**	**$1,283,341,522.38**
Fee	$83,334,412.79	**242,719.65**	**$83,577,132.44**
Total	$1,363,811,458.29	**$2,427,196.53**	**$1,366,238,654.82**

Obligations:	
PR	**Amount**
4200360427	**$2,427,196.53**
Total	**$2,427,196.53**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2

2. AMENDMENT/MODIFICATION NO	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000251	See Block 16C		

6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE
JSC	JSC
NASA/Johnson Space Center Attn: Miyoshi Thompson/BH2 2101 NASA Parkway Houston TX 77058-3696	NASA/Johnson Space Center Attn: Miyoshi Thompson/BH2 2101 NASA Parkway Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)		
JACOBS Attn: Paul Spickard, Contracts Manager PO Box 58447 Houston TX 77258-8447	(x)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	x	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C
CODE 07486 FACILITY CODE		10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER (Specify type of modification and authority)
X	Mutual Agreement of the Parties

E. IMPORTANT: Contractor ☐ is not ☒ is required to sign this document and return 2 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to update Appendix 2 to Attachment J-11, Award Fee Plan to reflect award fee dollars available and revised award fee period dates. Please see attached page for revisions that are in bold.

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
LON F. MILLER, SR. V.P. AND GENERAL MANAGER		Ronald Johnson	
15B. CONTRACTOR/OFFEROR [signature] (Signature of person authorized to sign)	15C. DATE SIGNED 10/25/10	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 10/25/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9*	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10*	October 1, 2009 – March 31, 2010	$9,327,610	$9,141,058
11*	April 1, 2010 – September 30, 2010	**~~$3,874,934~~9,460,450**	TBD
12*	October 1, 2010- March 31, 2011	**~~$2,493,212~~8,414,709**	TBD
13*	April 1, 2011 – September 30, 2011	**~~$2,611,433~~7,815,011**	TBD
14*	October 1, 2011 – March 31, 2012	**~~$2,568,823~~5,463,099**	TBD
15*	April 1, 2012 – September 30, 2012	**~~$2,697,052~~5,807,948**	TBD
16*	October 1, 2012 – January 31, 2013	**~~$1,678,394~~3,810,962**	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of **~~March 31~~September 30, 2010**. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000252

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limiation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to correct Mod 150 funding obligations. The following changes read as follows: increase the current contract funding 1,364,491,458.29 to $1,366,918,654.82 an increase of 2,427,196.53 and recapitulate funding.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
10/25/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,283,341,522.38**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 13, 2010.

(b) An additional amount of **$83,577,132.44** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 249	Obligation This Modification 250	Total Funding Thru Mod 250
Total Cost	$1,281,157,045.50	**$2,184,476.88**	**$1,283,341,522.38**
Fee	$83,334,412.79	**242,719.65**	**$83,577,132.44**
Total	$1,364,491,458.29	**$2,427,196.53**	**$1,366,918,654.82**

Obligations:	
PR	**Amount**
4200360427	**$2,427,196.53**
Total	**$2,427,196.53**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000253

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$2,349,495.37
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limiation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to (1) decrease the current contract funding from $1,366,918,654.82 to $ 1,364,569,159.45 a decrease of -$2,349,495.37 and recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
11/4/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,280,992,027.01**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 13, 2010.

(b) An additional amount of **$83,577,132.44** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 252	Obligation This Modification 253	Total Funding Thru Mod 253
Total Cost	$1,283,341,522.38	($2,349,495.37)	$1,280,992,027.01
Fee	$83,577,132.44	0.00	$83,577,132.44
Total	$1,366,918,654.82	($2,349,495.37)	$1,364,569,159.45

De-obligations: PLI	ALI	WBS Element WBS	Amount
442	41	095240.04.04.22.03.10	(20,356.22)
442	44	387498.04.01.02.01.10	(23,477.00)
449	37	095240.04.04.22.01.10	(3,638.03)
452	18	095240.04.04.22.03.10	(101,854.00)
464	3	731384.06.04.01.31.02.01	(40,648.46)
468	51	387498.04.01.02.01.10	(226,523.00)
469	5	644423.06.31.04.01.10	(712,000.00)
469	10	401769.06.05.02.02.02	(127,000.00)
469	20	401769.06.08.02.03.03	(119,000.00)
471	71	194666.04.02.02.10	(79,594.00)
471	90	095240.04.04.22.01.10	(9,757.64)
472	45	769347.05.08.13.02.03	(2,752.03)
474	3	377816.06.02.05.03.19.03	(20,000.00)

475	75	644423.02.39.10.10.02	(690,000.00)
476	670	439906.01.04	(6,000.00)
476	26	095240.04.04.22.03.10	(4,614.41)
476	29	644423.02.36.05.10	(28,549.02)
471	49	079749.01.10	(6,000.00)
472	48	769347.05.08.13.02.09	(4,803.98)
476	14	079749.01.10	(22,927.58)
476	680	092909.01.02.10	(100,000.00)
Deobligations			(2,349,495.37)
		TOTAL	($2,349,495.37)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000254

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

CODE 07486 FACILITY CODE

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $19,432,405.30
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limiation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to (1) increase the current contract funding from $1,364,569,159.45 to $1,384,001,564.75 a increase of $19,432,405.30 and recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
11/9/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,299,015,582.93**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 25, 2010.

(b) An additional amount of **$84,985,981.82** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 253	Obligation This Modification 254	Total Funding Thru Mod 254
Total Cost	$1,280,992,027.01	$18,023,555.92	$1,299,015,582.93
Fee	$83,577,132.44	1,408,849.38	$84,985,981.82
Total	$1,364,569,159.45	$19,432,405.30	$1,384,001,564.75

Obligations:	
PR	**Amount**
4200364274	**$3,490,901.63**
4200364241	**$8,821,374.19**
4200364188	**$7,120,129.48**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000256

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $10,994,108.52
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limiation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to (1) increase the current contract funding from $1,383,973,308.75 to $1,394,995,673.27 an increase of $10,994,108.52 and recapitulate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
J. R. Carpentier

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
11-19-10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,309,184,362.58**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through November 25, 2010.

(b) An additional amount of **$85,783,054.69** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 255	Obligation This Modification 256	Total Funding Thru Mod 256
Total Cost	$1,298,987,326.93	$10,197,035.65	**$1,309,184,362.58**
Fee	$84,985,981.82	797,072.87	**$85,783,054.69**
Total	$1,384,001,564.75	$10,994,108.52	**$1,394,995,673.27**

Obligations:	
PR	**Amount**
4200365343	**$3,830,888.84**
4200365371	**$7,163,219.68**
Total	**$10,994,108.52**

Easi CV and Funding Spreadsheet.xls [Compatibility Mode] - Microsoft Excel

A208 | Mod 198

Mods - FOSC Contract Value and Funding Spreadsheet

Definitions of Contract Value and Contract Funding can be found below.

Contract Totals					
CV (CF only)	CV (IDIQ only)	EASI 's CV (IDIQ only) from latest DRD 3.14)	EASI 's Total CV from latest DRD 3.14)	Total Contract Value	Total Contract Funding
$55,216,152.93	$ 105,950,569.29	see below	see below	$ 161,430,406.22	$154,125,721.25

Mod #	Purpose	CV (individual mod)	Funding (indiv. Mod)	Cumulative CV (CF only)	Cumulative CV (IDIQ only)	Cumulative EASI's (from DRD 3.14)	Cumulative CV (Total)	Cumulative Funding	(PHASE IN) Contract Value	(PHASE IN) Funding
				(these columns are cumulative - each mod adds on)						
Totals	*means I corrected th					(except the light purple ones!)			$ 263,684.00	$ 263,684.00
Mod 189	Equitable Adjustment	$ 11,481.14	$ -	$ 55,216,152.93	$ 105,301,566.29		$ 160,781,403.22	$ 149,022,733.91		$ -
Mod 190	De-obligate Funds	$ -	$ (8,355.62)	$ 55,216,152.93	$ 105,301,566.29		$ 160,781,403.22	$ 149,014,378.29		$ -
Mod 191	Obligate Funds	$ -	$ 1,620,088.00	$ 55,216,152.93	$ 105,301,566.29		$ 160,781,403.22	$ 150,634,466.29		$ -
Mod 192	De-obligate Funds	$ -	$ (16,425.79)	$ 55,216,152.93	$ 105,301,566.29		$ 160,781,403.22	$ 150,618,040.50		$ -
Mod 193	Correct Mod 192	$ -	$ 0.01	$ 55,216,152.93	$ 105,301,566.29		$ 160,781,403.22	$ 150,618,040.51		$ -
Mod 194	IDIQ Increase	$ 643,003.00	$ -	$ 55,216,152.93	$ 105,950,569.29	$ 105,950,568.36	$ 161,353,660.25	$ 150,618,040.51		$ -
Mod 195	Obligate Funds	$ -	$ 2,095,125.00	$ 55,216,152.93	$ 105,950,569.29		$ 161,430,406.22	$ 152,713,165.51		$ -
Mod 196	De-obligate Funds	$ -	$ (1,444.26)	$ 55,216,152.93	$ 105,950,569.29		$ 161,430,406.22	$ 152,711,721.25		$ -
Mod 197	De-obligate Funds	$ -	$ (708,000.00)	$ 55,216,152.93			$ 161,430,406.22	$ 152,003,721.25		
Mod 198	Obligate Funds	$ -	$ 2,122,000.00	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -	$ 55,216,152.93			$ 161,430,406.22	$ 154,125,721.25		
		$ -	$ -				$ 161,430,406.22	$ 154,125,721.25		$ -
		$ -	$ -				$ 161,430,406.22	$ 154,125,721.25		$ -
		$ -	$ -				$ 161,430,406.22	$ 154,125,721.25		$ -
		$ -	$ -				$ 161,430,406.22	$ 154,125,721.25		$ -
		$ -	$ -				$ 161,430,406.22	$ 154,125,721.25		

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000257

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
X	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to change the fund through date on Page 2 of Mod 256 from November 25, 2010 to December 19, 2010.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
4/22/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is $1,309,184,362.58. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **December 19, 2010**.

(b) An additional amount of $85,783,054.69 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 255	Obligation This Modification 256	Total Funding Thru Mod 256
Total Cost	$1,298,987,326.93	$10,197,035.65	$1,309,184,362.58
Fee	$84,985,981.82	797,072.87	$85,783,054.69
Total	$1,384,001,564.75	$10,994,108.52	$1,394,995,673.27

Obligations:	
PR	**Amount**
4200365343	**$3,830,888.84**
4200365371	**$7,163,219.68**
Total	**$10,994,108.52**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 3 PAGES

2. AMENDMENT/MODIFICATION NO.
000258

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*
JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule

Net Decrease: -$1,016,270.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to (1) correct mod 257 total from $1,395,995,673.27 to $1,394,967,417.27 (2) decrease the current funding from $1,394,967,417.27 to $1,393,951,147.27 an decrease of -$1,016,270.00 and (3) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
12/1/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,308,168,092.58**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **December 19, 2010**.

(b) An additional amount of **$85,783,054.69** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 257	Obligation This Modification 258	Total Funding Thru Mod 258
Total Cost	$1,309,184,362.58	**($1,016,270.00)**	**$1,308,168,092.58**
Fee	$85,783,054.69	0.00	**$85,783,054.69**
Total	$1,394,967,417.27	**($1,016,270.00)**	**$1,393,951,147.27**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200317609	422	67	439432.04.19.05.03	(67.16)
4200325031	435	72	401769.06.05.02.02.25	(913.96)
4200337257	449	85	401769.06.04.04.02.02	(3.24)
4200340981	453	82	401769.06.05.02.02.25	(400.00)
4200344909	460	72	401769.06.05.02.02.25	(2.97)
4200353389	467	66	401769.06.04.02.02.10	(4,500.00)
4200354910	469	52	401769.06.03.01.02.13	(16,000.00)
4200357599	471	69	377816.06.02.05.03.15.01	(24,000.00)
4200357605	472	16	377816.06.02.05.03.12.06	(6,483.20)
4200357605	472	67	401769.06.05.02.02.25	(15,000.00)
4200357605	472	66	401769.06.04.04.02.02	(49,000.00)

4200357605	472	58	377816.06.02.05.03.22.01	(81,479.01)
4200357605	472	59	377816.06.02.05.03.23.04	(512,600.00)
4200358435	475	72	377816.06.02.05.03.15.01	(73.86)
4200358435	475	11	119103.01.01	(178.51)
4200359656	476	22	401769.06.06.01.02.15	(10,000.00)
4200359656	476	63	194666.02.01.10	(33,407.00)
4200359656	476	6	377816.06.02.05.03.10.02	(18,300.00)
4200359656	476	48	439432.04.19.05.03	(11,787.00)
4200360427	477	2	359257.01.10.01	(1,000.00)
4200360936	478	11	401769.06.03.04.02.03	(781.09)
4200364241	480	76	644423.02.39.10.10.01	(200,293.00)
4200364274	481	44	600265.01.05.01	(20,000.00)
4200365371	483	37	432938.11.01.05.01.02	(10,000.00)
			Total	(1,016,270.00)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000259

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* G.2 Award Fee for Service Contracts (NASA 1852-76)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

EARNED AWARD FEE PERIOD 11-SEE CONTINUATION PAGE.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
12/2/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

The purpose of this modification is to:

1.) Recognize earned award fee for the evaluation period April 1, 2010- September 30, 2010

Award Fee Available for this Period:	$9,460,450.00
Award Fee Earned @ 99%:	$9,971,344.00
Less Provisional Fee Paid: (reference #80AF voucher)	$7,095,338.00
Net Payment Due:	$2,876,006.00

The amount identified above is the balance due to the contractor, which is to be paid based upon this modification to the contract. The contractor is not required to submit a voucher for the remaining Earned Award Fee that is due.

2.) Update Section J-11, Award Fee Plan, Appendix 2. A replacement page is attached with updated changes.

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10	October 1, 2009 – March 31, 2010	$9,327,610	$9,141,058
11	April 1, 2010 – September 30, 2010	$9,460,450	**$9,971,344**
12*	October 1, 2010- March 31, 2011	$8,414,709	TBD
13*	April 1, 2011 – September 30, 2011	$7,815,011	TBD
14*	October 1, 2011 – March 31, 2012	$5,463,099	TBD
15*	April 1, 2012 – September 30, 2012	$5,807,948	TBD
16*	October 1, 2012 – January 31, 2013	$3,810,962	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of **September 30, 2010**. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000260

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) G.2 Award Fee for Service Contracts (NASA 1852-76)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
EARNED AWARD FEE PERIOD 11-SEE CONTINUATION PAGE.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
J. R. Carpentier

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
(Signature of Contracting Officer)

16C. DATE SIGNED
12-3-10

The purpose of this modification is to correct page 2 and 3 of mod 259 (changes are in bold):

1.) Recognize earned award fee for the evaluation period April 1, 2010- September 30, 2010

Award Fee Available for this Period:	$9,460,450.00
Award Fee Earned @ 99%:	**$9,365,845.50**
Less Provisional Fee Paid: (reference #80AF voucher)	$7,095,338.00
Net Payment Due:	**$2,270,507.50**

The amount identified above is the balance due to the contractor, which is to be paid based upon this modification to the contract. The contractor is not required to submit a voucher for the remaining Earned Award Fee that is due.

2.) Update Section J-11, Award Fee Plan, Appendix 2. A replacement page is attached with updated changes.

APPENDIX 2

AWARD FEE DISTRIBUTION

Period		Max. Avail. Award Fee	Earned Award Fee
1	February 1, 2005 – September 30, 2005	$8,900,000	$7,209,000
2	October 1, 2005 – March 31, 2006	$6,875,868	$6,050,762
3	April 1, 2006 – September 30, 2006	$6,201,573	$5,643,431
4	October 1, 2006 – March 31, 2007	$7,005,084	$6,374,626
5	April 1, 2007 – September 30, 2007	$7,873,942	$7,322,766
6	October 1, 2007 – March 31, 2008	$8,068,618	$7,423,129
7	April 1, 2008 – September 30, 2008	$9,431,614	$8,582,769
8	October 1, 2008 – March 31, 2009	$8,510,510	$7,999,879
9	April 1, 2009 – September 30, 2009	$10,068,506	$9,565,081
10	October 1, 2009 – March 31, 2010	$9,327,610	$9,141,058
11	April 1, 2010 – September 30, 2010	$9,460,450	**$9,365,845.50**
12*	October 1, 2010- March 31, 2011	$8,414,709	TBD
13*	April 1, 2011 – September 30, 2011	$7,815,011	TBD
14*	October 1, 2011 – March 31, 2012	$5,463,099	TBD
15*	April 1, 2012 – September 30, 2012	$5,807,948	TBD
16*	October 1, 2012 – January 31, 2013	$3,810,962	TBD

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in B.2 Estimated Cost and Award Fee. Approximately sixty (60) days before each Award Fee period end-date, ESCG and NASA shall confirm that the Award Fee pool is appropriate for the work authorized for the current Award Fee Period and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work authorized during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

Note: *These amounts are based upon current work authorized as of **September 30, 2010**. It is anticipated that as additional work is added and/or deleted, then the out periods will be adjusted at or near the end of award fee period.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000261

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $13,344,943.32
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitatiom of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1) increase the current funding from $1,393,951,147.27 to $1,407,296,090.59 an increase of $13,344,943.32 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
12/13/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,320,610,917.73**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **January 31, 2011**.

(b) An additional amount of **$86,685,172.86** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 258	Obligation This Modification 261	Total Funding Thru Mod 261
Total Cost	$1,308,168,092.58	**$12,442,825.15**	**$1,320,610,917.73**
Fee	$85,783,054.69	902,118.17	**$86,685,172.86**
Total	$1,393,951,147.27	**$13,344,943.32**	**$1,407,296,090.59**

Obligations:	
PR	**Amount**
4200367442	**$9,559,918.37**
4200367848	**$1,551,756.28**
4200367851	**$2,233,268.67**
Total	**$13,344,943.32**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 3

2. AMENDMENT/MODIFICATION NO.
000262

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)
JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$332,397.41
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitatiom of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)
The purpose of this modification is to 1) decrease the current funding from $1,407,296,090.59 to $1,406,963,693.18 a decrease of -$332,397.41 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
12/21/10

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,320,278,520.32**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **January 31, 2011**.

(b) An additional amount of **$86,685,172.86** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 261	Obligation This Modification 262	Total Funding Thru Mod 262
Total Cost	$1,320,610,917.73	**($332,397.41)**	**$1,320,278,520.32**
Fee	$86,685,172.86	0.00	**$86,685,172.86**
Total	$1,407,296,090.59	**($332,397.41)**	**$1,406,963,693.18**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200354937	470	20	964946.02.06.01.10	(63,700.00)
4200357606	473	57	964946.02.06.01.13	(32,119.00)
4200360936	478	15	401769.06.03.07.02.07	(8,331.60)
4200367442	484	66	075585.01.01.01.02.10	(473.00)
4200333102	442	83	731384.10.31.03.02	(3,951.27)
4200337257	449	49	731384.10.31.03.02	(963.54)
4200365371	483	7	644423.06.31.03.05.10	(50,000.00)
4200359656	476	18	857464.04.05	(12,000.00)
4200365343	482	73	986249.01.14.10	(113,859.00)
4200364274	484	36	600265.01.05.01	(20,000.00)
4200364241	480	59	377816.06.02.05.03.01.01	(19,000.00)

4200364241	480	60	378343.10.01.01.02.09	(8,000.00)
			Total	(332,397.41)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 21

2. AMENDMENT/MODIFICATION NO.
000263

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Mentor Requirements and Evaluation (NFS 1852.29-79)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate the Mentor-Protege Agreement with the developmental assistance and technical volume of the Jacobs Technology-ESC Group and Aerodyne Industries, LLC into Section J-7 Subcontracting Plan of the contract.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
1/6/14

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

National Aeronautics and Space Administration (NASA)

Mentor-Protégé Program

Agreement Template

Companies that have been approved as Mentors in the NASA Mentor-Protégé Program and have identified a Protégé must submit a signed Mentor-Protégé agreement for each Mentor-Protégé relationship. Signed agreements must first be endorsed by one of the participating NASA Small Business Centers, and then be forwarded by the Center to the Assistant Administrator, NASA Office of Small Business Programs (OSBP) for final approval.

Please note that for all agreements, developmental assistance costs may only be incurred after the official start date, which is the date of the incorporation of the Mentor-Protégé agreement into the identified contractual vehicle.

The following template is provided as a guide to assist in the preparation of the NASA Mentor-Protégé Agreement, and all elements listed below must be addressed in the agreement. Attachments/addendums are allowed as necessary.

Period of Performance: *State the period of time (in months) over which the developmental assistance will be performed -- cannot exceed three years (36 months).*

Number of Months:	**24 months**
Sponsoring NASA Center:	Johnson Space Center
Contract Number (*if known*):	NNJ05HI05C

Estimated Cost of Agreement: *Provide an estimate of the cost of the developmental assistance to be provided by the Mentor. Include a yearly breakdown of cost elements to be funded. Please also include as a separate attachment the Cost Proposal, detailing the costs included in the Work Breakdown Structure.*

	(enter whole dollar amounts only)			
	Year 1	**Year 2**	**Year 3**	**Total**
Direct Labor:	$72,063.08	$64,000.04	**$ - 0.0**	$136,063.12
Indirect Costs:				$ -
HBCU/MI/PTAC/SBDC:				$ -
Other Direct Costs:	$575.00	$575.00	$ - 0.0	$1,150.00
Yearly Totals:	$72,638.08	$64,575.04	$ - 0.0	$137,213.12

1. **Mentor Information.** *Provide the following.*

Name of Mentor:	Jacobs Technology/ESC Group
Address:	2224 Bay Area Boulevard Houston, TX 77058
Telephone/ext.:	281-461-5432
Fax:	281-461-5901
Homepage:	www.JacobsTechnology.com
Industry *(i.e. R&D, Svc, Mfg)*:	NAICS 541330 Engineering Services SIC 8711
Cage Code:	348M3
DUNS Number	JT 007923014 ESCG 173647806
Date of Mentor Approval	September 17, 2008

2. **Mentor Historical Background.** *Provide a brief summary of the Mentor, including a profile and its historical activities and accomplishments under the Small Business and the Mentor-Protégé Programs. Indicate whether the Mentor has ever been officially classified as a small business.*

ESCG Overview

The Engineering and Science Contract Group (ESCG) was established as a segment of Jacobs Technology in 2005 to capture and manage the Engineering and Science Contract at the Johnson Space Center (JSC) in Houston, Texas. ESCG has supported JSC, NASA's primary center for design, development, and testing of spacecraft and associated systems for human spaceflight, for more than 5 years.

Under the contract, ESCG provides engineering, science, operations and maintenance (O&M), and manufacturing services. ESCG services include providing engineering products and technical services for the International Space Station, space shuttle, and other scientific applications. It also supports such space endeavors as the Constellation Program's Orion project. Due to ESCG's consistently excellent contract performance, the initial 5-year contract was extended an additional 3 years, and the value was revised to $2.16 billion.

ESCG Small Business Administration (SBA) and Mentor-Protégé Summary

ESCG's five small business teammates and numerous small business subcontract personnel contribute significantly to ESCG's technical excellence in the fields of design, development, certification, and production of hardware and software; O&M of onsite laboratories and facilities; and research and development for new technology. ESCG has met or exceeded SBA contract goals—with the exception of service-disabled veteran-owned small business (SDVOSB) and historically black colleges and universities/minority institutions—throughout the contract. Both weak areas are being worked, and the Aerodyne subcontract will assist in achieving the SDVOSB goal.

ESCG has an ongoing mentor-protégé program, administered under previous NASA SBA guidelines, with GeoControl Systems (GCS), an ESCG teammate and a small disadvantaged business (SDB) 8(a) women-owned small business and HUBZone company.

ESCG has never been classified as a small business.

3. **NASA Subcontract Awards to Protégé.** *Provide the number and total dollar amount of NASA subcontract awards made to the Protégé by the Mentor during the two complete fiscal years immediately preceding the date of this agreement. If none, enter zero.* ***Please note that the government fiscal year is from October 1-September 31.***

NASA Subcontract Awards to Protégé		
Fiscal Year	**Number**	**Dollar Amount**
FY-2007	0	0
FY-2008	0	0
FY-2009	0	0

4. **Other Federal Agency (Excluding NASA) Subcontract Awards to Protégé.** *Provide the number and total dollar amount of all other federal agency (excluding NASA) subcontract awards made to the Protégé by the Mentor during the two complete fiscal years immediately preceding the date of this agreement. If none, enter zero.* ***Please note that the government fiscal year is from October 1-September 31.***

Other Federal Agency (Excluding NASA) Subcontract Awards to Protégé		
Fiscal Year	**Number**	**Dollar Amount**
FY-2007	0	0
FY-2008	2	$161,735
FY-2009	1	$120,000

5. **Potential Subcontracts to the Protégé.** *Provide the anticipated number, dollar value, and type of subcontracts (both NASA and other federal agency) to potentially be awarded to the Protégé by the Mentor, consistent with the extent and nature of the Mentor's business.*

Potential Subcontract Awards to Protégé from Mentor			
Fiscal Year	**Number**	**Dollar Amount**	**Type** (NASA or Other Federal Agency)
2009	0	0	
2010	9	$110,000	NASA JSC

6. **Protégé Eligibility.** *Provide a statement certifying that the Protégé is currently eligible to participate in the program pursuant to at least one of the criteria outlined in the NASA FAR Supplement.*
Note: If applying as an SDB, attach a copy of the approval documentation received from SBA.

Aerodyne Protégé Eligibility Statement

Aerodyne Industries is eligible to participate as a protégé as a service-disabled veteran-owned small business (SDVOSB). Aerodyne is eligible for the award of Federal contracts and is a small business according to the SBA size standard for the North American Industry Classification System (NAICS) code that represents the contemplated supplies or services to be provided by Aerodyne to ESCG. Aerodyne is registered with Central Contract Registration as an SDVOSB under the following codes.

	Aerodyne Industries, LLC
CAGE	4L2S5
DUNS	787490684
NAICS *(primary)*	541330 Engineering Services
NAICS *(secondary)*	927110 Space Research and Technology
SIC	3761, 3764, 3769, 3812, 8711, 9661

7. **Protégé Information.** *Please provide the following:*

Name of Protégé:	Aerodyne Industries, LLC	
Address:	3982 Tampa Rd., Suite 100 Oldsmar, FL 34677	
Telephone:	727-530-7597	
Fax:	727-530-1210	
Homepage URL:	http://www.aerodyneindustries.com	
Industry/Bus. Type: *(e.g. Mfg: 80%, R&D: 20%)*	**Construction:**	
	Manufacturing:	
	R&D:	
	Service:	Engineering Services
Year Established:	2006	
Number of Employees	10 FTE/35 PTE	
Annual Gross Revenue: *(for previous Corporate fiscal year)*	$1,500,000*	

* Includes revenue from nongovernmental contracts

DUNS Number already in previous table under eligibility

Percent (%) Owned by Mentor. *Please note that at no time during an active agreement may a Mentor own more than 10% of a Protégé.*

0%

8. **Protégé's Previous Mentor-Protégé Program Participation.** *Provide the following information only if the Protégé has previously participated in the NASA Mentor-Protégé Program. Provide a statement as a separate enclosure to this agreement that there will be no duplication under this agreement of the assistance previously provided to the Protégé under a prior agreement. This must be agreed to, and presented on company letterhead, by both the Mentor and the Protégé. If the previous agreement began prior to January 2008, then no statement is required.*

Prior NASA Mentor-Protégé Program Agreements	
Previous Mentor Name:	N/A
Sponsoring NASA Center:	N/A
Type of Agreement:	N/A
Period of performance of previous agreement:	N/A
Termination Date: *(if applicable)*	N/A
Termination Reason: *(if applicable)*	N/A

9. **Developmental Assistance Program.** *Describe the developmental program for the Protégé specifying the type of assistance planned. Explain how this plan will address the Protégé's needs and enhance its ability to perform successfully under contracts or subcontracts within NASA and other federal agencies. For examples of types of developmental assistance, please see the NASA Mentor-Protégé guidebook, available at www.osbp.nasa.gov.*

Mentor-Protégé Purpose and Expectations

The purpose of the relationship is to strengthen both companies' technical capabilities and performance on the current Engineering and Science Contract and future Jacobs Technology contracts. It is intended to foster the growth of Aerodyne Industries as an SDVOSB in the area of technical services. ESCG and Aerodyne intend to comply with mentor-protégé obligations set forth in NASA Federal Acquisition Regulation (FAR) Supplement 1819.72 and all other provisions of the program.

Mentor Expectations

The relationship is expected to grow the current business base and allow Jacobs Technology to obtain a niche business area partner for future prime and service-disabled business set-aside bids. It is also expected to extend the protégé's technical skills and customer diversity by providing technical services, business, and marketing expertise to support protégé growth and contract award opportunities.

Mentor Outcomes

The protégé's participation as a subcontractor in the ESCG Integrated Team Management Approach (ITMA) will provide the mentor additional technical experience at all levels of the ESCG organization, increasing the mentor's

ability to respond to new tasks; expanding its technical services base; and supporting other NASA, Department of Defense, and commercial contracts.

Protégé Expectations

The relationship is expected to provide qualified personnel with unique technical services expertise to complement their technical skills. It is also expected to expand Aerodyne's contract participation and increase its technical services business base as a subcontractor or small business prime contractor.

Protégé Outcomes

The protégé is expected to grow, improve its technical services competencies and business skills, and develop into a more competitive business that is fully capable of providing a high level of technical contract services to NASA and other Government agencies.

Through the ESCG Integrated Teaming Approach, Aerodyne employees are incorporated (badge blind) into ESCG at all levels, including management, based on their technical and management skills. This approach allows Aerodyne employees to gain practical experience and improve their technical and business skills as they are mentored by Jacobs Technology and ESCG supervisors. Through appropriate on-the-job training (OJT), mentoring, and practical experience, Aerodyne employees at all levels of the organization gain valued technical knowledge and business experience for use on follow-on programs. For specific areas, demonstration and review meetings and issue reviews will be used to provide the additional support, guidance, training, and mentoring required to expand the corporate capabilities.

Technical Development: Plans, Objectives, Goals, Timeline

ESCG has developed 100 engineering qualification and certification training modules for technical project managers and engineers that describe how to define requirements, develop design, and test and certify hardware and software products for manned space flight. An additional 23 modules are being developed, and numerous training programs for specific engineering tools are currently available. These technical courses and subsequent OJT will enable Aerodyne Industries to further its technical understanding of NASA-JSC mission-critical flight environments and provide innovative engineering services and solutions in the following competencies: fabrication, test systems engineering, project management, lean six sigma, hardware development engineering, software engineering, ground support equipment, flight and system safety, product quality engineering, flight certification, and mission assurance. The ESCG Management System technical processes, which have been certified by the International Organization for Standardization (ISO), will also be used as part of the infrastructure transfer.

Aerodyne's goal is to provide highly skilled, qualified technical employees every 6 months for each of the following ESCG technical tasks: WBS T-1 (1 trainee), WBS T-2 (2 trainees), WBS T-3 (1 trainee), and WBS T-4 (1 trainee). Aerodyne personnel are expected to complete at least 40 hours of ESCG qualification training (selected Jacobs Technology training modules) based on the employee's skill level and position. Aerodyne personnel can use these new procedures and skills to train and mentor other Aerodyne employees, improving their technical services capabilities for any current or future contract.

WBS Task T-1, Technical Services Project Manager and Engineer Training

ESCG will work to strengthen Aerodyne's current technical services infrastructure to posture it for growth and accommodate the demands of a larger Engineering and Science Contract workforce. ESCG will transfer project management skills and engineering processes and knowledge to meet goals identified by Aerodyne. Technical services project management training will provide additional growth, as Aerodyne employees learn skills needed to manage a technical project throughout its life cycle (requirements definition, analysis, preliminary and detailed design, fabrication, integration and testing, verification and validation, operational testing, deployment, and sustaining engineering).

Aerodyne personnel will complete assigned Jacobs Technology and ESCG training modules to fulfill requirements for their position; they will also receive OJT and mentoring to qualify them to perform technical management duties. Upon completion of training, Aerodyne personnel will be certified to perform technical management tasks as a team member or subcontractor on any Jacobs Engineering contract with NASA. Trained Aerodyne personnel can use their skills and knowledge to train and mentor other Aerodyne employees, improving their project management and engineering abilities for any current or future contract.

WBS Task T-1.1, Technical Services Project Manager/Engineer Skill and PositionTraining.

Training will consist of briefings, discussions, and completion of selected training modules' technical areas. ESCG has 38 training modules that address technical engineering services, project management and engineering processes, and the use of performance and resource-management tools. Examples are listed below:

- Life-cycle phases and associated project technical reviews as defined by EA-WI-023, Project Management of Government-Furnished Equipment Flight Projects
- Flight hardware workflow and processing as defined by EA-WI-024, General Operating Procedures Manual for EA Testing Facilities
- Flight software and firmware development as defined by EA-WI-025, GFE Flight Project Software and Firmware Development
- Systems engineering and concurrent engineering considerations
- Requirements decomposition and design
- Technical assessment and decision analysis
- Specialty engineering and summary
- Drawing redlines (onsite and outsourcing)
- Verification and validation requirements
- Flight hardware testing
- Acceptance data package (ADP) and certification data package (CDP)
- Discrepancy report (DR) processing and failure anomaly resolution
- Risk management identification, mitigation, and resolution
- Failure investigation and fault tree analysis
- Resource management tools [Earned Value Management (EVM), Project Web Access (PWA), Project Status System (PSS), PERFORM, and Jacobs Enterprise Management System (JEMS)]

WBS Task T-1.2, Technical Services Manager/Engineer Skill and Position OJT Qualification

OJT will be provided by ESCG Science, Engineering, and Analysis Services (SEAS) Department project managers and chief engineers to ensure that the trainees fully understand the ESCG matrixed-management approach to providing and managing technical services. It will address the implementation of ESCG technical services processes and tools addressed in WBS Task T-1.1, above.

Systems Engineering Technical Services Training

ESCG will work to strengthen Aerodyne employees' current systems engineering and technical services skills to position Aerodyne for technical growth as well as to accommodate the demands of a larger ESCG technical workforce and future contracts. Systems engineering training will provide additional technical skills for the various phases of a project's life cycle.

Aerodyne personnel will complete selected engineering training modules to meet technical skill level and position requirements for systems engineers. They will also receive OJT and mentoring to qualify them to perform assigned systems engineering and development duties. Upon completion of the training, Aerodyne personnel will be certified to perform systems engineering tasks as team member or subcontractor on any Jacobs Technology contract with NASA. Aerodyne personnel can use these skills to train and mentor other Aerodyne engineers for any current or future contract.

WBS Task T-2.1, Technical Services System Engineering Skill and Position Training.

Training will consist of briefings, discussions, and completion of selected systems engineering skill qualification modules in the following technical areas. ESCG has 63 systems engineering technical services and development process training modules in the use of engineering tools such as PWA. Examples are listed below:

- Systems engineering and concurrent engineering considerations
- Life-cycle phases and associated project technical reviews as defined by JSC and NASA work instructions
- Logical requirements decomposition and design
- Workflow for flight hardware processing
- Rough order of magnitude (ROM) planning
- Flight hardware development and testing by class
- Class III prototype development
- Design practices and design reviews for design engineers
- Structural analysis and fracture control process
- ADP and CDP data packages.
- DR processing and failure anomaly resolution
- Risk management identification, mitigation and resolution
- Failure investigation and fault tree analysis
- Use of engineering management tools (PWA, Cradle, and others)

WBS Task T-2.2, Technical Services System Engineering Skill and Position OUT Qualification.

OJT will be provided by ESCG SEAS Department chief engineers and systems engineers to ensure that the trainee fully understands the ESCG systems engineering approach and the use of ESCG concurrent engineering and design processes to include engineering tools trained in WBS Task 2.1 above.

Quality Management Systems Technical Services Training

Both ESCG and Aerodyne Industries recognize that NASA uses AS9100 quality management system standards onsite and have experience working within these standards. ESCG will work to strengthen Aerodyne employees' current quality management system skills to position Aerodyne for growth as well as to accommodate the demands of a larger ESCG workforce and potential future contracts. Quality management system and internal auditor training will provide additional technical services growth in the development of management system and internal audit programs as well gain an understanding of the ISO 9001:2008, AS9100, and Capability Maturity Model Integration (CMMI) requirements.

Aerodyne employees will complete selected ESCG quality training programs and on-the-job quality management system training and mentoring. Upon completion of ESCG quality management system and internal auditor training, Aerodyne personnel will understand how to use, control, and audit onsite and offsite standard operating procedures while referencing and using NASA JSC processes. They will be qualified to perform quality management tasks and conduct internal audits as a team member or subcontractor on any Jacobs Technology contract with NASA. Aerodyne personnel can use these skills to train and mentor other Aerodyne employees to improve their quality management system programs, establish internal auditor capabilities for any contract they are working on, or pursue independent AS9100 certification.

WBS Task T-3.1, Technical Services Quality Management System Skills and Position Training and Prepare Aerodyne for AS9100 Certification.

Training will consist of quality management system and requirements briefings and quality management training modules based on ESCG management system processes. ESCG will also support Aerodyne's AS9100 certification

efforts. ISO 9001:2008 and CMMI requirements will also be discussed. Internal auditor and continual improvement training will be provided along with training in the use of the ESCG management system tools.

- ESCG management system and review boards
- ESCG continual improvement and five S (5S) programs
- ESCG internal auditor program
- ESCG management systems tools, including the performance improvement notice (PIN), PERFORM, Management Review Board, and tracking systems.

WBS Task T-3.2, Technical Services Quality Management System Skills and Position OJT Qualification and Assist Aerodyne in AS9100 certification

OJT will be provided by management system personnel and will consist of management system and AS9100 verification and validation using ESCG management system processes and such variation and validation tools as the Management Review Board and PIN. It will provide the Aerodyne quality manager a thorough understanding of how ESCG complies with and maintains ISO 9001:2008 certification and requirements for AS9100 and CMMI certifications through OJT of programs and tools addressed in task WBS Task T-3.1, above.

WBS Task T-3.3, Technical Services Flight Software Development Requirements Requirements Review of Latest Languages for Spaceflight.

The task consists of a review of mission-control and flight software and firmware requirements. Through OJT, Aerodyne will gain an understanding of current NASA computer languages, model-based development of software, and safety requirements for software developed for space-flight use. The following training will be used.

- NPR 7150.2, NASA Software Engineering Requirements
- Flight software and firmware development
- Software safety and quality assurance for software engineers
- Guidance, navigation, and control
- Printed circuit board design requirements

Technical Services Flight Safety and Mission Assurance Engineer Training

ESCG will work to strengthen Aerodyne's current technical services (system and flight HW) safety and mission assurance skills to position it for growth and to accommodate the demands of a larger ESC workforce and future contracts. This consists of the transfer of technical services system and flight HW safety skills to meet NASA/JSC manned flight mission requirements and ESCG infrastructure process and knowledge to help Aerodyne obtain OHSA's Voluntary Protection Program (VPP) certification. Training in technical services system and flight hardware safety will be provided to ensure that Aerodyne engineers fully understand the process and delivery requirements for all phases of a flight project's life cycle (requirements definition, analysis, preliminary and detailed design, fabrication, integration and testing, verification and validation, operational testing, deployment, and sustaining engineering). S&MA training will be provided to foster growth in select positions. ESCG's guidance is intended to position Aerodyne Industries to become certified in the Occupational Safety and Health Administration's Voluntary Protection Program (VPP) and to establish effective ground and flight safety and configuration management programs on future contracts.

WBS Task T-4.1, Technical Services S&MA Engineer Skill and PositionTraining.

Training will consist of safety and mission assurance briefings, discussions, and completion of selected flight safety qualification training modules based on ESCG S&MA processes and safety programs. It will include the technical services requirements for safety products required during all phases of a flight hardware project's life cycle.

- Life-cycle phases and associated project technical reviews as defined by EA-WI-023

- Specialty engineering and summary
- Safety data package development
- Risk statements
- Power safety requirements
- Software safety and quality assurance for software engineers
- Risk-management identification, mitigation, and resolution
- Discrepancy Report (DR) processing and failure and anomaly resolution
- Failure investigation and fault tree analysis
- Verification and validation requirements
- Acceptance (ADP)and Certification (CSP) data packages

WBS Task T-4.2, Technical Services S&MA Engineering Skill and Position OJT Qualification

OJT will be provided by ESCG S&MA Department engineers to ensure understanding of ESCG S&MA programs and the use of ESCG safety, configuration management, and data management processes and associated tools, such as the Design and Data Management System (DDMS) throughout all phases of a flight hardware project's life cycle as addressed in WBS Task T-4.1, above.

WBS Task T-4.3, Preparation for Aerodyne's VPP Certification.

Preparation for VPP certification will consist of assisting Aerodyne in developing the infrastructure and knowledge required for certification. ESCG will also support Aerodyne's implementation of the VPP safety certification program: VPP requirements training and analysis, program development, and employee training and preparation.

Business Development: Plans, Objectives, Goals, Timeline

WBS Task B-1, Business Development Training

Jacobs will provide Aerodyne Industries training to increase its capability to develop new business with NASA, the DoD, other Federal agencies, and industry. Jacobs' corporate business development team, based in Tullahoma, Tennessee, will lead this effort. Training consists of focused business development training and transfer of Jacobs' business infrastructure processes and knowledge. WBS tasks cover three primary areas: business growth strategy development, proposal development, and contract phase-in and startup processes. This instruction will provide Aerodyne with the foundation needed to capture and successfully implement new contract activities on behalf of its customers.

WBS Task B-1.1, Business Growth Strategy Development OJT.

This task consists of briefings, OJT, and joint Aerodyne-Jacobs development of strategy documents and new business opportunity pursuit lists. Aerodyne personnel will be briefed on Jacobs' approach to business development, including assessing solicitation bids, planning, and developing criteria for new business capture efforts. Briefings will also include the assessment of Aerodyne business infrastructure and transfer of Jacobs's corporate processes and knowledge to meet Aerodyne's business needs. This WBS includes OJT that will increase Aerodyne's capability to manage business development tasks. Activities and training include the following:

- Developing self-assessment capabilities
- Developing a targeted marketing plan and marketing publications
- Establishing capture planning and pursuit methodologies
- Identifying opportunities, managing review processes, and using screening tools
- Avoiding potential conflicts of interest
- Training in prime contracting versus subcontracting roles, responsibilities, and risks in the business development arena

- Building relationships with prospective customers, positioning for opportunities, and prioritizing
- Preparing white papers and responses to requests for information and sources-sought notifications
- Researching customers and identifying needs
- Developing a teaming strategy
- Selecting key personnel

WBS Task B-1.2, Proposal Development OJT. This task consists of briefings, OJT, and joint participation in proposal development activities for both companies. Key activities and training areas supporting this WBS include the following:

- Reviewing draft and final requests for proposal (RFPs)
- Submitting questions and comments on draft and final RFP content
- Developing proposal schedules
- Training in effective proposal writing and techniques
- Creating proposal information management repositories
- Developing win strategies and key technical, management, and cost approaches
- Performing competitive assessments
- Conducting effective pink and red team reviews
- Finalizing proposals and quality checking and controlling processes
- Giving oral presentations
- Preparing best and final offers
- Participating in proposal debriefings
- Performing bid outcome analyses and capturing lessons learned
- Participating in proposal team reviews

WBS Task B-1.3, Contract Phase-In and Startup OJT. This task consists of briefings, OJT, and joint participation (where possible) in the phase-in and startup of new contracts. Contract phase-in includes activities that must be accomplished prior to the contract start date to ensure that contract requirements are met. Startup includes all activities associated with initiating the new operation and continues until the operation is self-sufficient (normally several months following contract start). The key activities and training areas supporting this WBS include the following:

- Phase-in plan development
- Phase-in team logistics planning and mobilization
- Key personnel coaching and preparation
- Customer and workforce communication
- Health, safety, and environment program implementation
- Quality program implementation
- Workforce hiring strategies
- Workforce training and certification
- Security program implementation
- Purchasing program implementation
- Government property management program implementation
- Enterprise information management systems implementation
- Accounting and finance program implementation
- Contracting program/process implementation
- Contract reporting and deliverables
- Contract transition risk mitigation strategies
- Customer expectation assessment
- Performance management, measurement, and reporting

Aerodyne's goal is have at least two employees participate in Jacobs' business development OJT during the first year of the mentor-protégé program. Through this training, Aerodyne staff will participate in Jacobs business pursuits. Furthermore, Jacobs will mentor Aerodyne personnel in Aerodyne's pursuit of contracts. Upon completion of this program and associated OJT, Aerodyne personnel will be certified by Jacobs to participate in NASA business pursuits and support new business development tasks as Jacobs team members. Aerodyne personnel can use these skills to train and mentor others, improving Aerodyne's business development capabilities.

10. Milestones. *Establish and define milestones for providing the identified developmental assistance, and illustrate in a Gantt chart(s).*

Technical Tasks and Business Development With Quarterly Milestones

Technical Development WBS Task Cost and simiannual milestones:					
WBS Task No.	**Task Description**	**1st Period Milestone**	**2nd Period Milestone**	**3rd Period Milestone**	**4th Period Milestone**
T - 1	**Technical Services Project Manager / Engineer Training**	Start Tech Sevices Mgt/Eng ESCG Qualification Training	Continue Tech Sevices Mgt/Eng ESCG Qualification Training	Continue Tech Sevices Mgt/Eng ESCG Qualification Training	Complete Tech Sevices Mgt/Eng ESCG Qualification Training
T - 1.1	Tech Serv Mgr/Eng Skill and Position Training	TS M/E Tng # 1	TS M/E Tng # 2	TS M/E Tng # 3	TS M/E Tng # 4
T - 1.2	Tech Serv Mgr/Eng Skill and Position OJT Qualification	TS M/E OJT # 1	TS M/E OJT # 2	TS M/E OJT # 3	TS M/E OJT # 4
T - 2	**Technical Services Systems Engineering Training**	Start Tech Sevices Sys Eng ESCG Qualification Training	Continue Tech Sevices Sys Eng ESCG Qualification Training	Continue Tech Sevices Sys Eng ESCG Qualification Training	Complete Tech Sevices Sys Eng ESCG Qualification Training
T - 2.1	Tech Serv Sys Eng Skill and Position Training	TS Sys Eng Tng # 1/2	TS Sys Eng Tng # 3/4	TS Sys Eng Tng # 5/6	TS Sys Eng Tng # 7/8
T - 2.2	Tech Serv Sys Eng Skill and Position OJT Qualification	TS Sys Eng OJT # 1/2	TS Sys Eng OJT # 3/4	TS Sys Eng OJT # 5/6	TS Sys Eng OJT # 7/8
T - 3	**Technical Services Quality Management Systems Engineer Training**	Start Tech Sevices QMS ESCG Qualification Training and AS 9000	Continue Tech Sevices QMS ESCG Qualification Training	Continue Tech Sevices QMS ESCG Qualification Training	Complete Tech Sevices QMS ESCG Qualification Training
T - 3.1	Tech Serv QMS Skills and Position training and Prepare Aerodyne for AS9100 certification	TS QMS Eng and AS9100 Gap Anal Tng	TS QMS Eng and AS9100 Sys Development Tng	TS QMS Eng and AS9100 Internal Audit Tng	TS QMS Eng Tng and AS9100 Pre Audit Assistance

T - 3.2	Tech Serv QMS Skills and Position OJT Qualification and Assist Aerodyne in AS9100 certification	TS QMS Eng OJT # 1 and Gap Anal Assistance	TS QMS Eng OJT # 2 and Sys Development Assistance	TS QMS Eng OJT # 3 and Internal Audit Assistance	TS QMS Eng OJT # 4 and Audit Assistance
T - 3.3	Tech Services Flight SW Development requirements review of latest languages for spaceflight	Flight SW dev design OJT # 1	Flight SW dev design OJT # 2	Flight SW dev design OJT # 3	Flight SW dev design OJT # 4
T - 4	**Technical Services Flight Safety and Mission Assurance Engineer Training**	Start Tech Services Flt S&MA Eng ESCG Qualification Tng	Continue Tech Services Flt S&MA Eng ESCG Qualification Tng	Continue Tech Services Flt S&MA Eng ESCG Qualification Tng	Complete Tech Services Flt S&MA Eng ESCG Qualification Tng
T - 4.1	Tech Services S&MA Eng Skill and Position Training	TS S&MA Eng Trn # 1	TS S&MA Eng Trn # 2	TS S&MA Eng Trn # 3	TS S&MA Eng Trn # 4
T - 4.2	Tech Services S&MA Eng Skill and Position OJT Qualification	TS S&MA Eng OJT # 1	TS S&MA Eng OJT # 2	TS S&MA Eng OJT # 3	TS S&MA Eng OJT # 4
T - 4.3	Preparation for Aerodyne VPP Certification	VPP Tng / Analysis	VPP Cert Prog Dev	VPP Cert Prep/Tng	VPP Cert Assistance

Business Development WBS Task Cost and simiannual milestones:					
WBS Task No.	**Task Description**	**1st Period Milestone**	**2nd Period Milestone**	**3rd Period Milestone**	**4th Period Milestone**
B - 1	**Business Development Training**	Start Bus Dev Tng	Continue Bus Dev Tng	Continue Bus Dev Tng	Complete Bus Dev Tng
B - 1.1	Business Growth Strategy Development OJT	Bus Growth Strategy OJT # 1 & 2	Bus Growth Strategy OJT # 3 & 4		
B - 1.2	Proposal Development OJT		Proposal Dev OJT # 1 & 2	Proposal Dev OJT # 3	
B – 1.3	Contract Phase-In and Start Up OJT			Contract Phase-in and Start UP OJT # 1	Contract Phase-in and Start UP OJT # 2

11. Metrics. *The success of the Mentor-Protégé Program agreement is measured on a 6-month basis by a system of metrics designed to ensure continued pursuit and completion of the milestones outlined in the agreement, achievement of technology transfers, and attainment of contract awards and revenue. In addition to the developmental assistance plan, provide factors to assess the Protégé's developmental progress under the agreement. Metrics may include the following:*

The quantitative measures for the success of this agreement will include:

- *Planned tasks started and completed on time*
- *Development initiatives on/ behind schedule*
- *Number of certifications in progress and completed*
- *Number and value of NASA prime/ subcontracts and other federal agency prime/ subcontracts awarded to Protégé*
- *Annual revenue of Protégé*
- *Protégé's employee base*
- *Timeliness of report submissions*

The success of ESCG and Aerodyne Industries mentor-protégé program will be measured quarterly and reported to NASA semiannually. The following quantitative metrics will ensure continued pursuit and completion of the WBS milestones outlined in section 10 to achieve the proposed technical and business goals described in section 9.

Quantitative Measures:

- Progress and completion of developmental tasks listed in section 10
  - Adherence to milestone schedule (planned start and completion status)
  - Adherence to cost projections (budget versus actual cost status)
  - Milestone schedule and cost projections variance
- Program review and reporting of meeting goals listed in section 9
  - Status of planned technical development tasks and goals
  - Status of planned business development tasks and goals
  - Training module completion (planned versus completion status)
  - Annual review with protégé (value of agreement)
  - Timeliness of ESCG-Aerodyne reviews
  - Timeliness of mentor-protégé report submissions
- Identification of accomplishments
  - Number of qualifications to perform Jacobs Technology tasks
  - Number of tool, skill, or program certifications received Aerodyne employee base changes
  - Aerodyne revenue changes
  - Proposals submission and contract (subcontract or prime) awards
- Summary of agreement accomplishments
  - Enhanced protégé capabilities
  - Transferred technology

12. Value of the Mentor-Protégé Agreement. *Provide a summary of the value of this agreement as to how it will support the NASA mission(s), increase the Protégé's ability to participate in NASA, Federal, and/ or commercial contracts and subcontracts, and increase small business subcontracting opportunities in industry categories where eligible Protégés or other small business categories are not dominant in the Mentor's vendor base.*

The ESCG-Aerodyne mentor-protégé program will provide Aerodyne a better understanding of how to provide technical services in the NASA environment. Although Aerodyne is comfortable with many of its current technical capabilities, a relationship with ESCG will enhance these capabilities and allow Aerodyne to become certified in areas that are necessary for many NASA programs and to work badge blind on other Jacobs Technology contracts.

ESCG has developed 90 engineering certification modules for project technical managers and engineers that provide training inrequirements definition, design development, and flight hardware and software testing and certification. An additional 39 modules are in development, and numerous engineering tool training programs are available. The knowledge that ESCG and Jacobs Technology can provide in technical areas will enable Aerodyne Industries to further its technical understanding of NASA-JSC mission-critical flight environments and provide innovative engineering services and solutions in such competencies as ground support and test systems engineering, project management, Lean Six Sigma, hardware engineering, software engineering, ground support equipment, flight safety, and quality and mission assurance.

ESCG and Jacobs Technology can also provide training and experience in business development, marketing, accounting, and reporting within this mission-critical environment.

These benefits, combined with Aerodyne Industries' entrepreneurial culture, will drive initiative, creativity, and a sense of responsibility that will make Aerodyne a formidable NASA service provider in the future. In support of the NASA mission, ESCG has subcontracted with Aerodyne (contract number NNJ05HI05C) to provide engineering and services support and has initiated this mentor-protégé agreement.

13. Termination Procedures (Mentor).

Voluntary: *Explain the procedures to be used by the Mentor to notify the Protégé of intent to withdraw from the agreement. Notification to the Protégé must be in writing and must be received by the Protégé at least 30 days prior to withdrawal by the Mentor. Mentors may voluntarily terminate the Mentor Protégé agreement only if they wish to withdraw all participation under all agreements in the NASA Program as a Mentor.*

ESCG (Mentor) Voluntary Termination Procedures

a. ESCG may voluntarily terminate the mentor-protégé agreement by giving written notice (at least 30 days prior to the proposed termination date) to Aerodyne of its intent to terminate the agreement. The agreement shall remain in force for 30 days following the receipt of this notice, and mentor-protégé activities shall be suspended except by mutual agreement of both parties.

b. The notice of termination may be withdrawn by ESCG pending the written concurrence of Aerodyne. Note: If ESCG voluntarily terminates the mentor-protégé agreement, it will be withdrawing as a mentor from all participation under all agreements in the NASA program.

For Cause: *Describe the procedures under which the Mentor may elect to terminate the Mentor Protégé agreement for cause which include the following:*

- *The Protégé must be furnished written notice by the Mentor of the proposed termination which states the specific reasons for such action. Notification to the Protégé must be made at least 30 days prior to the effective date of the proposed termination.*
- *The Protégé has 30 days to respond to the proposed termination. The Protégé may rebut any statements/claims it believes to be incorrect and may offer a remedy if necessary.*
- *Upon consideration of the Protégé's response, the Mentor must either withdraw the notice of proposed termination and continue in the agreement, or, issue a notice of termination.*

The decision of the Mentor regarding termination for cause, if conforming with the requirements of this section, shall be final.

ESCG (Mentor) Termination for Cause Procedures

a. ESCG may terminate the mentor-protégé agreement for cause by giving written notice (at least 30 days prior to the proposed termination date) to Aerodyne of its intent to terminate the agreement. The notice must include specific reasons for such action. The agreement shall remain in force for 30 days following the receipt of this notice, and mentor-protégé activities shall be suspended except by mutual agreement of both parties.

b. Aerodyne may respond to the proposed termination for cause within the 30-day period. It may rebut any or all statements or claims it believes to be incorrect. It may also offer a remedy, if appropriate.

c. ESCG must consider Aerodyne's response and withdraw the notice of proposed termination, continue in the agreement, or issue a notice of termination to the cognizant NASA Center sponsoring the agreement and to the NASA Office of Small Business Programs (OSBP). The ESCG decision regarding termination for cause will be final and not reviewed by NASA.

14. Voluntary Termination Procedures (Protégé). *Describe procedures for the Protégé to notify the Mentor of the Protégé's intent to voluntarily terminate the Mentor-Protégé agreement. Notification to the Mentor must be made in writing at least 30 days prior to termination. The Mentor is allowed to respond within that 30 day period. If a response is received within that window, then 30 days from the date of the Mentor's response letter is the official date of termination. If no response is received from the Mentor, the date proposed by the Protégé to terminate the agreement will be considered the official termination date.*

Aerodyne Industries, LLC (Protégé) Voluntary Termination Procedures

a. Aerodyne Industries may voluntary terminate the M/P agreement by giving written notice (at least 30 days prior to proposed termination date) to the mentor of its intent to terminate the agreement. The agreement shall remain in force for 30 days following the receipt of this notice, and M/P activities shall be suspended except by mutual agreement of both parties. The notice of termination may be withdrawn by Aerodyne pending the written concurrence of ESCG.
b. ESCG may respond within the 30-day period to establish an official termination date that will be 30 days from date of ESCG's response. If no response is provided by ESCG, the official termination date is 30 days from the date of Aerodyne's initial termination notice.

The following paragraphs apply to any type of Termination (ref paragraphs 13 or 14) initiated by either Party:

a. The termination of the agreement will not obligate either party to complete any actions or activities that may be due after the date of notification. Both parties agree that any proprietary information that has been provided to the other as a result of the terms of this agreement will be returned to the owning party within 5 working days of termination of the agreement. Both parties also agree that they will continue to protect the confidentiality of any information, data, publications, or communication provided by the other party.

b. Should this agreement be terminated as specified above, neither ESCG nor Aerodyne has any obligation except those defined in paragraph a above or in specific subcontracts to complete any ongoing or planned work specified in this agreement. Each party will be responsible for all obligations incurred by them as a result of this agreement but will not be liable for any obligations incurred by the other party.

c. If this agreement is terminated pursuant to above, the parties shall continue their respective efforts under applicable subcontracts unless and until those subcontracts are terminated. If Aerodyne becomes unable to perform the work under any subcontract, ESCG will seek a substitute subcontractor under the provisions of that subcontract providing for such action or, failing that, hire employees to perform the work previously subcontracted to Aerodyne.

15. **Mentor Point of Contact (POC)** *All correspondence and inquiries regarding the NASA Mentor-Protégé Program will be addressed to the Points of Contact indicated below.*

Name:	Joe Tom Burch
Title:	Small Business Liaison Office
Address:	Jacobs Technology ESC Group 2224 Bay Area Boulevard Houston, TX 77058
Telephone/Ext.:	281-461-5155
Fax:	281-461-5898
E-mail:	Joe.T.Burch@escg.jacobs.com

16. **Protégé Point of Contact (POC)**

Name:	Britt Bochiardy
Title:	Business Development Director
Address:	3982 Tampa Rd., Suite 100 Oldsmar, FL 34677
Telephone/Ext.:	727-530-7597/386-679-2813
Fax:	727-530-1210
E-mail:	brb@aerodyneindustries.com

17. **Procurement Contracting Officer (PCO)**

Name:	Jessica Corley
Title:	NASA Contracting Officer for JT/ESC contract # NNJ05HI05C
Address:	Lyndon B Johnson Space Center 2101 NASA Parkway Houston, TX 77058-3696
Telephone/Ext.:	281-244-0132
Fax:	281-244-6179
E-mail:	Jessica.E.Corley@nasa.gov

18. **Cognizant Small Business Specialist, NASA Center**

Name:	Chuck Williams
Title:	JSC Senior Small Business Specialist
Address:	2101 NASA Parkway Mail stop BD35 bld 111 Houston, TX 77058
Telephone/Ext.:	281-483-5933
Fax:	281-483-4326
E-mail:	Charles.t.williams@nasa.gov

19. Contracting Officer's Technical Representative (COTR)

Name:	William J. Harris
Title:	NASA Contracting Officer's Technical Representative for JT/ESC contract # NNJ05HI05C
Address:	Lyndon B Johnson Space Center 2101 NASA Parkway Houston TX 77058-3696
Telephone/Ext.:	281-483-0480
Fax:	281-244-6179
E-mail:	William.j.harris@nasa.gov

20. Mentor Firm's Cognizant Administrative Contracting Officer (ACO)

Name:	Joe Warren
Title:	Cognizant Administrative Contracting Officer for JT/ESC contract # NNJ05HI05C
Address:	AEDC Contract Management Division 100 Kindel Drive, Suite A337 Arnold AFB, TN 37389-1337
Telephone/Ext.:	931-454-4401
Fax:	931-454-7330
E-mail:	Joe.warren@arnold.af.mil

21. Mentor Firm's Cognizant NASA Contract Administration Office (CAO)

Name:	Jessica Corley
Title:	NASA Contracting Officer for JT/ESC contract # NNJ05HI05C
Address:	Lyndon B. Johnson Space Center 2101 NASA Parkway Houston TX 77058-3696
Telephone/Ext.:	281-244-0132
Fax:	281-244-6179
E-mail:	Jessica.E.Corley@nasa.gov

22. Protégé Firm's Cognizant NASA Contract Administration Office (CAO)

Name:	Pam Daily
Title:	Contracts Operations Supervisor, Central Team
Address:	9549 Koger Boulevard, Suite 200 St Petersburg, FL 33702
Telephone/Ext.:	727.579.3036
Fax:	727.579.3096

E-mail:	

23. **Report & Review Requirements.** *Attach a statement from both the Mentor and the Protégé indicating their willingness to comply with the program's reporting and review requirements as specified in the NASA FAR Supplement 1819.72. The Protégé must include in their statement an affirmation that it will provide data on employment, annual revenues, NASA prime and subcontracts, and other federal agency prime and subcontracts for the two 12-month periods following the end of the agreement.*

ESCG (Mentor) Report and Review Acknowledgement

ESCG is willing to comply with the program's reporting and review requirements as specified in NASA FAR Supplement 1819.72.

Aerodyne Industries, LLC (Protégé) Report and Review Acknowledgement

Aerodyne Industries is willing to comply with the program's reporting and review requirements as specified in NASA FAR Supplement 1819.72. It is also willing to provide data on employment, annual revenues, NASA prime and subcontracts, and other Federal agency prime and subcontracts for the two 12-month periods following the end of this agreement.

Mentor-Protégé Reporting Requirements

a. **Quarterly Report.** The Aerodyne mentor-protégé point of contact develops mentor protégé quarterly activity summary reports based on business and technical mentor-protégé activities and semiannual goals due quarterly (on the first Friday).
   - Provide for ESCG, Jacobs Technology, and Aerodyne management review.
   - Provide for the maintenance of results by ESCG and Aerodyne mentor-protégé points of contact.

b. **Semiannual Report.** The Aerodyne mentor-protégé point of contact updates mentor-protégé quarterly activity summary reports based on business and technical mentor-protégé activities and semiannual goals. Based on results, ESCG and Aerodyne mentor-protégé points of contact will develop and submit individual semiannual reports (using NASA report template) on the progress made in employment, revenues, and participation in NASA contracts during the previous 6-month period. Semiannual reports will be reviewed and used to determine if the milestones outlined in the mentor-protégé agreement are being met and to assess the effect of mentoring on Aerodyne.
   - Provide for ESCG, Jacobs Technology, and Aerodyne management review.
   - Submit a semiannual report to the JSC SBA, ESCG contracting officer, and NASA OSBP for review within 30 days from the end of the 6-month period separately or as part of the mentor's report.
   - Provide for the maintenance of results by ESCG and Aerodyne mentor-protégé points of contact.

c. **Annual NASA Performance Reviews.** NASA will conduct an annual performance review in accordance with NASA FAR Supplement 1819.72 and focus on the progress and accomplishments realized under the approved mentor-protégé agreement.

d. **Postagreement Reports.** Aerodyne will submit data on the employment and revenue for each of the 2 years following the end of the mentor-protégé agreement. An annual postagreement report from Aerodyne is due to the NASA Mentor Protégé Program Manager 1 month after the end of the first and second year using the template specified in NASA FAR Supplement 1819.72.
   - Provide for Aerodyne management review.
   - Submit the approved report to the NASA OSBP.
   - Provide for the maintenance of results by Aerodyne mentor-protégé points of contact.

24. Needs Assessment. *Include with the agreement a statement that the Mentor performed a needs assessment with the Protégé to determine applicable developmental assistance to be performed, as required by the NASA FAR Supplement 1819.72.*

ESCG (Mentor) Needs Assessment Acknowledgement

ESCG and Jacobs Technology performed a needs assessment with Aerodyne to determine the overall agreement approach and to define program goals, tasks, and milestones as required by NASA FAR Supplement 1819.72.

Aerodyne was selected as an ESCG protégé because it is a subcontractor providing engineering and support services on the ESC. Aerodyne is also working with Jacobs Technology new business on new development efforts.

Aerodyne has not previously participated in a NASA mentor-protégé program.

25. Signatures. *The Mentor and the Protégé must sign and date this agreement. Titles of all signatories must be included. (Please note that a Mentor cannot require a small business concern to enter into a Mentor-Protégé agreement as a condition for award of a contract from the Mentor, including a subcontract under a NASA prime or subcontract awarded to the Mentor.)*

Mentor	Protégé
Joe Tom Burch	Britt Bochiardy
Printed Name	Printed Name
Joe Tom Burch	H. Britt Bochiardy
Signature	Signature
Small Business Liaison Officer	Business Development Director
Title	Title
4/28/2010	4/28/2010
Date	Date

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO.: 000264

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.: 4200370167

5. PROJECT NO. (If applicable):

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $15,380.40
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)
Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)increase the current funding from $1,406,963,693.18 to $1,406,979,073.58 an increase of $15,380.40 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA (Signature of Contracting Officer) Ronald Johnson

16C. DATE SIGNED 1/7/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,320,293,900.72**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **January 31, 2011**.

(b) An additional amount of **$86,685,172.86** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 262	Obligation This Modification 264	Total Funding Thru Mod 264
Total Cost	$1,320,278,520.32	**$15,380.40**	**$1,320,293,900.72**
Fee	$86,685,172.86	0.00	**$86,685,172.86**
Total	$1,406,963,693.18	**$15,380.40**	**$1,406,979,073.58**

Obligations: PR	**Amount**
4200370167	**$15,380.40**
Total	**$15,380.40**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 1

2. AMENDMENT/MODIFICATION NO.
000265

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(X) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED (SEE ITEM 13)
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $16,027,384.66
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE

A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.

B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)
Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)increase the current funding from $$1,406,979,073.58 to $ 1,423,006,458.24 an increase of $16,027,384.66 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Ronald Johnson

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
1/10/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,335,237,834.18**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **February 26, 2011**.

(b) An additional amount of **$87,768,624.06** is obligated under this contract for payment of fee.

(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 264	Obligation This Modification 265	Total Funding Thru Mod 265
Total Cost	$1,320,293,900.72	**$14,943,933.46**	**$1,335,237,834.18**
Fee	$86,685,172.86	**1,083,451.20**	**$87,768,624.06**
Total	$1,406,979,073.58	**$16,027,384.66**	**$1,423,006,458.24**

Obligations: PR	**Amount**
4200370957	**$8,475,248.97**
4200370514	**$7,365,843.90**
4200370574	**$186,291.79**
Total	**$16,027,384.66**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000266

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Decrease: -$293,784.65

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1)decrease the current funding from $1,423,006,458.24 to $1,422,712,673.59 a decrease of -$293,784.65 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)* Ronald Johnson

15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson *(Signature of Contracting Officer)*

16C. DATE SIGNED 01/~~25~~ 31/2011

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,334,944,049.53**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **February 26, 2011**.

(b) An additional amount of **$87,768,624.06** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 265	Obligation This Modification 266	Total Funding Thru Mod 266
Total Cost	$1,335,237,834.18	**($293,784.65)**	**$1,334,944,049.53**
Fee	$87,768,624.06	0.00	**$87,768,624.06**
Total	$1,423,006,458.24	**($293,784.65)**	**$1,422,712,673.59**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200358435	475	12	377816.06.02.05.03.04.01	(23,549.28)
4200358435	475	8	903184.01.05	(15,950.00)
4200359656	476	3	903184.01.05	(77,691.34)
4200364241	480	52	604746.07.02.06.02.10	(50,000.00)
4200364241	480	28	903184.01.05	(15,907.50)
4200365371	475	20	377816.06.02.05.03.20.02	(39,796.00)
4200367851	486	17	604746.07.02.06.02.10	(15,005.93)
4200367851	486	1	182306.06.01.10	(2,524.60)
4200370957	490	7	432938.11.01.05.01.02	(53,360.00)
			Total	(293,784.65)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO. 000267

3. EFFECTIVE DATE 02/09/2011

4. REQUISITION/PURCHASE REQ. NO. See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $25,420,343.09
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)increase the current funding from $1,422,712,673.59 to $1,448,133,016.68 a increase of $25,420,343.09 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED 2/9/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,358,521,471.75**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 08, 2011**.

(b) An additional amount of **$89,611,598.93** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 266	Obligation This Modification 267	Total Funding Thru Mod 267
Total Cost	$1,334,944,049.53	**$23,577,368.22**	**$1,358,521,417.75**
Fee	$87,768,624.06	1,842,974.87	**$89,611,598.93**
Total	$1,422,712,673.59	**$25,420,343.09**	**$1,448,133,016.68**

Obligations: PR	**Amount**
4200374689	$ 12,050,341.42
4200374710	$ 9,372,433.67
4200374711	$ 3,997,568.00
Total	**$25,420,343.09**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 1

2. AMENDMENT/MODIFICATION NO.: 000268

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$493,261.98
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)decrease the current funding from $1,448,133,016.68 to ~~$1,447,754.70~~ $1,447,639,754.70 an decrease of $493,261.98 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED 2/22/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,358,028,155.27**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 07, 2011**.

(b) An additional amount of **$89,611,598.93** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 267	Obligation This Modification 268	Total Funding Thru Mod 268
Total Cost	$1,358,521,417.75	**($493,261.98)**	**$1,358,028,155.77**
Fee	$89,611,598.93	0.00	**$89,611,598.93**
Total	$1,448,133,016.68	**($493,261.98)**	**$1,447,639,754.70**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200344909	459	31	401769.06.05.01.02.04	(67.19)
4200348663	464	10	401769.06.05.01.02.04	(3,650.00)
4200364241	480	55	401769.06.05.01.02.04	(94.44)
4200365371	483	37	432938.11.01.05.01.02	(6,017.35)
4200370957	490	89	432938.11.01.05.01.02	(62,700.00)
4200370957	490	90	432938.11.01.05.03	(8,558.85)
4200374710	492	91	432938.11.01.05.01.02	(380,328.13)
4200374710	492	92	432938.11.01.05.03	(23,817.18)
4200374711	493	1	401769.06.04.02.02.23	(8,028.84)
				(493,261.98)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 1

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000269	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$23,773.27
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)decrease the current funding from $1,447,639,754.70 to $1,477,615,981.43 an decrease of $23,773.27 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ronald Johnson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 2/22/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,358,004,382.50**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through April 07, 2011.

(b) An additional amount of $89,611,598.93 is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 268	Obligation This Modification 269	Total Funding Thru Mod 269
Total Cost	$1,358,028,155.77	($23,773.27)	**$1,358,004,382.50**
Fee	$89,611,598.93	0.00	**$89,611,598.93**
Total	$1,447,639,754.70	($23,773.27)	**$1,447,615,981.43**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200329667	438	4	377816.06.02.05.03.04.01	(10,497.10)
4200333143	443	3	377816.06.02.05.03.04.01	(13,276.17)
				(23,773.27)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000270

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $10,113,969.89
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1)increase the current funding from $1,447,615,981.43 to $1,457,729,951.32 an increase of $10,113,969.89 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR

(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
2/28/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,367,385,089.57**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 17, 2011**.

(b) An additional amount of **$90,344,861.75** is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 269	Obligation This Modification 270	Total Funding Thru Mod 270
Total Cost	$1,358,004,382.50	**$9,380,707.07**	**$1,367,385,089.57**
Fee	$89,611,598.93	733,262.82	**$90,344,861.75**
Total	$1,447,615,981.43	**$10,113,969.89**	**$1,457,729,951.32**

Obligations:	
PR	**Amount**
4200377043	**$9,106,497.89**
4200377074	**$1,007,472.00**
Total	**$10,113,969.89**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000271

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $16,354,627.42
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1)increase the current funding from $1,457,729,951.32 to $1,474,084,578.74 an increase of $16,354,627.42 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
3/3/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,382,554,006.50**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **April 27, 2011**.

(b) An additional amount of **$91,530,572.24**is obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 270	Obligation This Modification 271	Total Funding Thru Mod 271
Total Cost	$1,367,385,089.57	**$15,168,916.93**	**$1,382,554,006.50**
Fee	$90,344,861.75	**1,185,710.49**	**$91,530,572.24**
Total	$1,457,729,951.32	**$16,354,627.42**	**$1,474,084,578.74**

Obligations:	
PR	**Amount**
4200378018	**$12,510,065.13**
4200378035	**$3,844,562.29**
Total	**$16,354,627.42**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.: 000272

3. EFFECTIVE DATE: 03/11/2011

4. REQUISITION/PURCHASE REQ. NO.: See Schedule

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

x 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Increase: $6,625,848.42

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1)increase the current funding from $1,474,084,578.74 to $1,480,710,427.16 an increase of $6,625,848.42 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Ronald Johnson

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)

16C. DATE SIGNED 3/4/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,388,699,480.91**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **May 05, 2011**.

(b) An additional amount of **$92,010,946.25** obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 271	Obligation This Modification 272	Total Funding Thru Mod 272
Total Cost	$1,382,554,006.50	**$6,145,474.41**	**$1,388,699,480.91**
Fee	$91,530,572.24	**480,374.01**	**$92,010,946.25**
Total	$1,474,084,578.74	**$6,625,848.42**	**$1,480,710,427.16**

Obligations:	
PR	**Amount**
4200378788	**$3,260,836.37**
4200378813	**$3,365,012.05**
Total	**$6,625,848.42**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000273

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule

Net Decrease: -$22.88

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* Limitation of Funds (FAR 52.232-22)

E. IMPORTANT: Contractor ☒ is not. ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1)decrease the current funding from $1,480,710,427.16 to $1,480,710,404.28 an decrease of -$22.88 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
3/15/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,388,699,458.03**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through May 05, 2011.

(b) An additional amount of $92,010,946.25 obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 272	Obligation This Modification 273	Total Funding Thru Mod 273
Total Cost	$1,388,699,480.91	**($22.88)**	**$1,388,699,458.03**
Fee	$92,010,946.25	0.00	$92,010,946.25
Total	$1,480,710,427.16	**($22.88)**	**$1,480,710,404.28**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200118441	125	300	72-300-10-20-01	(0.48)
4200121840	131	390	72-617-82-14-AA	(4.09)
4200127279	144	290	72-336-31-01-06	(0.01)
4200127279	144	330	72-335-22-03-AE	(0.01)
4200127279	144	340	72-335-22-06-ES	(0.01)
4200118883	151	250	72-336-35-02-CS	(0.25)
4200166365	232	780	401769.06.05.02.02.03	(18.03)
				(22.88)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 12

2. AMENDMENT/MODIFICATION NO.
000274

3. EFFECTIVE DATE

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

X 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
	D. OTHER *(Specify type of modification and authority)*
X	52.222-41 Service Contract Act of 1965 (May 1989)

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to delete the current J-12 in the contract and replace with the attached Wage Determination Plan which became effective on 02/01/2011.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Ronald Johnson

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Ronald Johnson
(Signature of Contracting Officer)

16C. DATE SIGNED
3/16/11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

CBA WD

REGISTER OF WAGE DETERMINATION UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary
of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

Diane Koplewski
Director

Division of
Wage Determinations

Wage Determination No.: CBA-2006-134
Revision No.: 1
Date Of Last Revision: 3/14/2011

State: Texas

Area: Harris

Employed on National Aeronautics and Space Administration, Johnson Space Center contract for Engineering and Science Support.

Collective Bargaining Agreement between contractor: Jacobs Sverdrup, and union: International Association of Machinist & Aerospace Workers Local 1786, Di, effective 2/1/2011 through 1/31/2014.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

WD 05-2516 (Rev.-13) was first posted on www.wdol.gov on 06/22/2010
****

REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor	U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Shirley F. Ebbesen Director — Division of Wage Determinations	Wage Determination No.: 2005-2516 Revision No.: 13 Date Of Revision: 06/15/2010

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

Fringe Benefits Required Follow the Occupational Listing

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		14.98
01012 - Accounting Clerk II		16.82
01013 - Accounting Clerk III		18.82
01020 - Administrative Assistant		25.91
01040 - Court Reporter		21.79
01051 - Data Entry Operator I		13.24
01052 - Data Entry Operator II		14.45
01060 - Dispatcher, Motor Vehicle		15.96
01070 - Document Preparation Clerk		13.41
01090 - Duplicating Machine Operator		13.41
01111 - General Clerk I		11.88
01112 - General Clerk II		13.27
01113 - General Clerk III		14.90
01120 - Housing Referral Assistant		20.69
01141 - Messenger Courier		12.55
01191 - Order Clerk I		13.52
01192 - Order Clerk II		15.24
01261 - Personnel Assistant (Employment) I		15.43
01262 - Personnel Assistant (Employment) II		17.27
01263 - Personnel Assistant (Employment) III		19.25
01270 - Production Control Clerk		19.10
01280 - Receptionist		12.02
01290 - Rental Clerk		14.75
01300 - Scheduler, Maintenance		16.59
01311 - Secretary I		16.59
01312 - Secretary II		18.57
01313 - Secretary III		20.69
01320 - Service Order Dispatcher		15.16
01410 - Supply Technician		25.91
01420 - Survey Worker		17.79
01531 - Travel Clerk I		13.71
01532 - Travel Clerk II		14.81
01533 - Travel Clerk III		15.83
01611 - Word Processor I		14.29
01612 - Word Processor II		16.04
01613 - Word Processor III		17.95
05000 - Automotive Service Occupations		
05005 - Automobile Body Repairer, Fiberglass		25.76
05010 - Automotive Electrician		23.79
05040 - Automotive Glass Installer		21.96

05070 - Automotive Worker	21.96
05110 - Mobile Equipment Servicer	20.23
05130 - Motor Equipment Metal Mechanic	25.76
05160 - Motor Equipment Metal Worker	21.96
05190 - Motor Vehicle Mechanic	25.76
05220 - Motor Vehicle Mechanic Helper	19.40
05250 - Motor Vehicle Upholstery Worker	20.83
05280 - Motor Vehicle Wrecker	21.96
05310 - Painter, Automotive	23.79
05340 - Radiator Repair Specialist	22.88
05370 - Tire Repairer	14.40
05400 - Transmission Repair Specialist	25.76
07000 - Food Preparation And Service Occupations	
07010 - Baker	10.06
07041 - Cook I	9.52
07042 - Cook II	10.88
07070 - Dishwasher	8.11
07130 - Food Service Worker	9.12
07210 - Meat Cutter	12.91
07260 - Waiter/Waitress	8.19
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	18.32
09040 - Furniture Handler	11.95
09080 - Furniture Refinisher	17.70
09090 - Furniture Refinisher Helper	14.58
09110 - Furniture Repairer, Minor	16.82
09130 - Upholsterer	18.32
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.90
11060 - Elevator Operator	8.82
11090 - Gardener	14.52
11122 - Housekeeping Aide	8.84
11150 - Janitor	8.84
11210 - Laborer, Grounds Maintenance	10.93
11240 - Maid or Houseman	7.96
11260 - Pruner	9.25
11270 - Tractor Operator	12.82
11330 - Trail Maintenance Worker	10.93
11360 - Window Cleaner	9.81
12000 - Health Occupations	
12010 - Ambulance Driver	15.00
12011 - Breath Alcohol Technician	15.64
12012 - Certified Occupational Therapist Assistant	23.69
12015 - Certified Physical Therapist Assistant	24.52
12020 - Dental Assistant	15.64
12025 - Dental Hygienist	32.93
12030 - EKG Technician	25.92
12035 - Electroneurodiagnostic Technologist	25.92
12040 - Emergency Medical Technician	15.00
12071 - Licensed Practical Nurse I	19.05
12072 - Licensed Practical Nurse II	21.32
12073 - Licensed Practical Nurse III	23.76
12100 - Medical Assistant	12.50
12130 - Medical Laboratory Technician	16.63
12160 - Medical Record Clerk	14.53
12190 - Medical Record Technician	16.57
12195 - Medical Transcriptionist	16.81
12210 - Nuclear Medicine Technologist	35.13
12221 - Nursing Assistant I	8.57
12222 - Nursing Assistant II	10.36
12223 - Nursing Assistant III	11.31
12224 - Nursing Assistant IV	12.69
12235 - Optical Dispenser	16.79

12236 - Optical Technician		15.29
12250 - Pharmacy Technician		19.18
12280 - Phlebotomist		13.30
12305 - Radiologic Technologist		26.70
12311 - Registered Nurse I		30.36
12312 - Registered Nurse II		38.37
12313 - Registered Nurse II, Specialist		38.37
12314 - Registered Nurse III		44.91
12315 - Registered Nurse III, Anesthetist		44.91
12316 - Registered Nurse IV		53.84
12317 - Scheduler (Drug and Alcohol Testing)		21.85
13000 - Information And Arts Occupations		
13011 - Exhibits Specialist I		19.30
13012 - Exhibits Specialist II		24.74
13013 - Exhibits Specialist III		28.94
13041 - Illustrator I		19.30
13042 - Illustrator II		23.91
13043 - Illustrator III		30.12
13047 - Librarian		26.69
13050 - Library Aide/Clerk		10.84
13054 - Library Information Technology Systems Administrator		24.09
13058 - Library Technician		16.04
13061 - Media Specialist I		17.39
13062 - Media Specialist II		19.46
13063 - Media Specialist III		21.68
13071 - Photographer I		15.32
13072 - Photographer II		18.15
13073 - Photographer III		22.56
13074 - Photographer IV		27.49
13075 - Photographer V		33.07
13110 - Video Teleconference Technician		16.73
14000 - Information Technology Occupations		
14041 - Computer Operator I		17.31
14042 - Computer Operator II		19.37
14043 - Computer Operator III		21.59
14044 - Computer Operator IV		24.00
14045 - Computer Operator V		26.57
14071 - Computer Programmer I	(see 1)	26.04
14072 - Computer Programmer II	(see 1)	
14073 - Computer Programmer III	(see 1)	
14074 - Computer Programmer IV	(see 1)	
14101 - Computer Systems Analyst I	(see 1)	
14102 - Computer Systems Analyst II	(see 1)	
14103 - Computer Systems Analyst III	(see 1)	
14150 - Peripheral Equipment Operator		17.31
14160 - Personal Computer Support Technician		24.00
15000 - Instructional Occupations		
15010 - Aircrew Training Devices Instructor (Non-Rated)		33.08
15020 - Aircrew Training Devices Instructor (Rated)		40.02
15030 - Air Crew Training Devices Instructor (Pilot)		47.98
15050 - Computer Based Training Specialist / Instructor		33.08
15060 - Educational Technologist		29.23
15070 - Flight Instructor (Pilot)		47.98
15080 - Graphic Artist		26.72
15090 - Technical Instructor		22.43
15095 - Technical Instructor/Course Developer		27.43
15110 - Test Proctor		18.43
15120 - Tutor		18.43
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations		
16010 - Assembler		9.40
16030 - Counter Attendant		9.40
16040 - Dry Cleaner		12.06

16070 - Finisher, Flatwork, Machine	9.40
16090 - Presser, Hand	9.40
16110 - Presser, Machine, Drycleaning	9.40
16130 - Presser, Machine, Shirts	9.40
16160 - Presser, Machine, Wearing Apparel, Laundry	9.40
16190 - Sewing Machine Operator	12.79
16220 - Tailor	13.75
16250 - Washer, Machine	10.32
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	19.71
19040 - Tool And Die Maker	23.23
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	13.25
21030 - Material Coordinator	19.46
21040 - Material Expediter	19.46
21050 - Material Handling Laborer	12.26
21071 - Order Filler	11.47
21080 - Production Line Worker (Food Processing)	13.25
21110 - Shipping Packer	14.60
21130 - Shipping/Receiving Clerk	14.60
21140 - Store Worker I	11.34
21150 - Stock Clerk	16.06
21210 - Tools And Parts Attendant	13.58
21410 - Warehouse Specialist	13.25
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	29.47
23021 - Aircraft Mechanic I	28.07
23022 - Aircraft Mechanic II	29.47
23023 - Aircraft Mechanic III	30.94
23040 - Aircraft Mechanic Helper	21.98
23050 - Aircraft, Painter	25.61
23060 - Aircraft Servicer	24.44
23080 - Aircraft Worker	25.76
23110 - Appliance Mechanic	18.61
23120 - Bicycle Repairer	13.91
23125 - Cable Splicer	25.34
23130 - Carpenter, Maintenance	19.71
23140 - Carpet Layer	18.45
23160 - Electrician, Maintenance	26.51
23181 - Electronics Technician Maintenance I	21.28
23182 - Electronics Technician Maintenance II	23.89
23183 - Electronics Technician Maintenance III	25.10
23260 - Fabric Worker	17.17
23290 - Fire Alarm System Mechanic	19.95
23310 - Fire Extinguisher Repairer	15.88
23311 - Fuel Distribution System Mechanic	20.96
23312 - Fuel Distribution System Operator	16.33
23370 - General Maintenance Worker	18.08
23380 - Ground Support Equipment Mechanic	28.07
23381 - Ground Support Equipment Servicer	24.44
23382 - Ground Support Equipment Worker	25.76
23391 - Gunsmith I	15.88
23392 - Gunsmith II	18.45
23393 - Gunsmith III	20.81
23410 - Heating, Ventilation And Air-Conditioning Mechanic	21.04
23411 - Heating, Ventilation And Air Contditioning Mechanic (Research Facility)	21.95
23430 - Heavy Equipment Mechanic	19.79
23440 - Heavy Equipment Operator	19.26
23460 - Instrument Mechanic	25.87
23465 - Laboratory/Shelter Mechanic	19.71
23470 - Laborer	11.04

23510 - Locksmith	18.99
23530 - Machinery Maintenance Mechanic	24.33
23550 - Machinist, Maintenance	20.81
23580 - Maintenance Trades Helper	14.94
23591 - Metrology Technician I	25.87
23592 - Metrology Technician II	26.99
23593 - Metrology Technician III	28.14
23640 - Millwright	21.53
23710 - Office Appliance Repairer	18.99
23760 - Painter, Maintenance	18.99
23790 - Pipefitter, Maintenance	21.38
23810 - Plumber, Maintenance	20.88
23820 - Pneudraulic Systems Mechanic	20.81
23850 - Rigger	20.81
23870 - Scale Mechanic	18.45
23890 - Sheet-Metal Worker, Maintenance	19.95
23910 - Small Engine Mechanic	18.08
23931 - Telecommunications Mechanic I	23.89
23932 - Telecommunications Mechanic II	24.95
23950 - Telephone Lineman	25.52
23960 - Welder, Combination, Maintenance	20.27
23965 - Well Driller	20.81
23970 - Woodcraft Worker	20.81
23980 - Woodworker	15.04
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	10.65
24580 - Child Care Center Clerk	13.27
24610 - Chore Aide	7.35
24620 - Family Readiness And Support Services Coordinator	13.83
24630 - Homemaker	16.84
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	22.20
25040 - Sewage Plant Operator	18.70
25070 - Stationary Engineer	22.20
25190 - Ventilation Equipment Tender	14.58
25210 - Water Treatment Plant Operator	18.32
27000 - Protective Service Occupations	
27004 - Alarm Monitor	16.14
27007 - Baggage Inspector	11.56
27008 - Corrections Officer	19.62
27010 - Court Security Officer	21.18
27030 - Detection Dog Handler	17.90
27040 - Detention Officer	19.62
27070 - Firefighter	20.41
27101 - Guard I	11.56
27102 - Guard II	17.90
27131 - Police Officer I	24.19
27132 - Police Officer II	26.88
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	11.63
28042 - Carnival Equipment Repairer	12.36
28043 - Carnival Equpment Worker	8.51
28210 - Gate Attendant/Gate Tender	13.90
28310 - Lifeguard	12.38
28350 - Park Attendant (Aide)	15.55
28510 - Recreation Aide/Health Facility Attendant	11.35
28515 - Recreation Specialist	17.83
28630 - Sports Official	12.38
28690 - Swimming Pool Operator	17.44
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	20.12
29020 - Hatch Tender	20.12

29030 - Line Handler		20.12
29041 - Stevedore I		18.72
29042 - Stevedore II		21.50
30000 - Technical Occupations		
30010 - Air Traffic Control Specialist, Center (HFO)	(see 2)	40.33
30011 - Air Traffic Control Specialist, Station (HFO)	(see 2)	27.81
30012 - Air Traffic Control Specialist, Terminal (HFO)	(see 2)	30.63
30021 - Archeological Technician I		21.56
30022 - Archeological Technician II		25.47
30023 - Archeological Technician III		30.62
30030 - Cartographic Technician		30.62
30040 - Civil Engineering Technician		30.03
30061 - Drafter/CAD Operator I		21.56
30062 - Drafter/CAD Operator II		24.71
30063 - Drafter/CAD Operator III		27.56
30064 - Drafter/CAD Operator IV		33.10
30081 - Engineering Technician I		20.02
30082 - Engineering Technician II		22.48
30083 - Engineering Technician III		25.15
30084 - Engineering Technician IV		31.09
30085 - Engineering Technician V		38.65
30086 - Engineering Technician VI		46.10
30090 - Environmental Technician		29.96
30210 - Laboratory Technician		23.56
30240 - Mathematical Technician		30.62
30361 - Paralegal/Legal Assistant I		22.52
30362 - Paralegal/Legal Assistant II		27.90
30363 - Paralegal/Legal Assistant III		34.12
30364 - Paralegal/Legal Assistant IV		41.27
30390 - Photo-Optics Technician		30.62
30461 - Technical Writer I		23.21
30462 - Technical Writer II		28.38
30463 - Technical Writer III		34.93
30491 - Unexploded Ordnance (UXO) Technician I		25.63
30492 - Unexploded Ordnance (UXO) Technician II		31.01
30493 - Unexploded Ordnance (UXO) Technician III		37.17
30494 - Unexploded (UXO) Safety Escort		25.63
30495 - Unexploded (UXO) Sweep Personnel		25.63
30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	26.35
30621 - Weather Observer, Senior	(see 2)	30.48
31000 - Transportation/Mobile Equipment Operation Occupations		
31020 - Bus Aide		11.88
31030 - Bus Driver		17.06
31043 - Driver Courier		14.03
31260 - Parking and Lot Attendant		9.17
31290 - Shuttle Bus Driver		15.28
31310 - Taxi Driver		11.54
31361 - Truckdriver, Light		15.28
31362 - Truckdriver, Medium		18.98
31363 - Truckdriver, Heavy		20.32
31364 - Truckdriver, Tractor-Trailer		20.32
99000 - Miscellaneous Occupations		
99030 - Cashier		10.01
99050 - Desk Clerk		11.72
99095 - Embalmer		23.71
99251 - Laboratory Animal Caretaker I		9.83
99252 - Laboratory Animal Caretaker II		10.71
99310 - Mortician		26.44
99410 - Pest Controller		15.80
99510 - Photofinishing Worker		12.62
99710 - Recycling Laborer		16.46
99711 - Recycling Specialist		20.06

99730 - Refuse Collector	14.67
99810 - Sales Clerk	12.66
99820 - School Crossing Guard	10.96
99830 - Survey Party Chief	20.96
99831 - Surveying Aide	14.35
99832 - Surveying Technician	18.13
99840 - Vending Machine Attendant	12.00
99841 - Vending Machine Repairer	14.41
99842 - Vending Machine Repairer Helper	12.31

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of $3.50 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than $27.63 (or on a salary or fee basis at a rate not less than $455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541. 400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds $27.63 per hour conformances may be necessary for certain nonexempt employees. For example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:
(1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of $3.35 per week (or $.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work,

there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).

2) After contract award, the contractor prepares a written report listing in order proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).

4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.

5) The contracting officer transmits the Wage and Hour decision to the contractor.

6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the

wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE	PAGE OF PAGES
	1 / 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000275	See Block 16C		

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$1,074,553.53
See Schedule

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) Limitation of Funds (FAR.232-22)

E. IMPORTANT: Contractor ☐ is not, ☒ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1) decrease the current funding from 1,480,710,404.28 to 1,479,635,850.75 a dreease of -1,074,553.53 and 2) recapitualate funding.

FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
		Ronald Johnson	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA Ronald Johnson (Signature of Contracting Officer)	16C. DATE SIGNED 3/31/11

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,387,624,904.50**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through May 03, 2011.

(b) An additional amount of **$92,010,946.25** obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 272	Obligation This Modification 275	Total Funding Thru Mod 275
Total Cost	$1,388,699,458.03	**($1,074,553.53)**	**$1,387,624,904.50**
Fee	$92,010,946.25	**0.00**	**$92,010,946.25**
Total	$1,480,710,404.28	**($1,074,553.53)**	**$1,479,635,850.75**

PR #	De-obligations: PLI	ALI	WBS Element WBS	Amount
4200378018	496	17	401769.06.06.01.02.04.08	(137,600.00)
4200374689	491	46	903184.01.10.01	(11,043.75)
4200374689	491	47	903184.02.20.02.02	(51,184.91)
4200374689	491	48	903184.02.20.03.02	(56,500.00)
4200374710	492	20	903184.02.20.03.02	(110.55)
4200374689	491	49	903184.02.20.04.01	(29,716.65)
4200374710	492	21	903184.02.20.04.01	(1,466.43)
4200374689	491	50	903184.04.20.01.01	(23,822.08)
4200374710	492	22	903184.04.20.01.01	(153.06)
4200374710	492	23	903184.04.20.02.01.01	(3,004.62)
4200374689	491	52	903184.04.20.02.02.01	(38,000.00)

4200374689	491	53	903184.04.20.02.03.01	(73,673.89)
4200374710	492	25	903184.04.20.02.03.01	(46.69)
4200374689	491	54	903184.04.20.03.02.02	(48,367.75)
4200374689	491	55	903184.04.20.04.01	(50,060.13)
4200374710	492	27	903184.04.20.04.01	(5,599.32)
4200374689	491	56	903184.05.20.02.01	(93,444.26)
4200378018	496	63	401769.06.03.07.02.07	(13,226.11)
4200370957	490	91	432938.09.01.05.03.41	(502.71)
4200370957	490	92	432938.09.01.05.03.45	(1,718.16)
4200374711	493	1	401769.06.04.02.02.23	(9,000.00)
4200357605	472	59	377816.06.02.05.03.23.04	(31,312.46)
4200378018	496	70	964946.02.02.01.19	(100,000.00)
4200378018	496	71	986249.01.16.10.01	(120,000.00)
4200378018	496	72	432938.09.01.05.03.63	(50,000.00)
4200378018	496	73	432938.09.01.05.03.62	(40,000.00)
4200378018	496	74	432938.09.01.05.03.59	(20,000.00)
4200378018	496	75	432938.09.01.05.03.60	(20,000.00)
4200374711	493	23	574542.07.05	(45,000.00)
				(1,074,553.53)

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. *(If applicable)*
276	See Block 16C		

6. ISSUED BY CODE	7. ADMINISTERED BY *(If other than Item 6)* CODE
NASA/Johnson Space Center Attn: Ronald Johnson/BH 2101 NASA Parkway Houston, TX 77058	NASA/Johnson Space Center Attn: Miyoshi Thompson/BH 2101 NASA Parkway Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State, and Zip Code)*

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED *(SEE ITEM 11)*
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED *(SEE ITEM 13)* 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)*

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14 (x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER *(Specify type of modification and authority)* H.7 Special Clause for Contract Changes

E. **IMPORTANT:** Contractor ☐ [X] is required to sign this document and return 2 copies to the issuing office.

14. description of amendment/modification *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to decrease the current Baseline value in accordance with H.7 from $555,680,433 to $554,593,196, a decrease of $1,031,741. Please see attached pages for clause revision.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*		16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*	
LON F. MILLER, SR. V.P. & GENERAL MGR.		Ronald Johnson	
15B. CONTRACTOR/OFFEROR *(Signature of person authorized to sign)*	15C. DATE SIGNED 4/4/11	16B. UNITED STATES OF AMERICA BY *(Signature of Contracting Officer)*	16C. DATE SIGNED

1. In accordance with Clause H.7 SPECIAL CLAUSE FOR CONTRACT CHANGES. Clause B.2 ESTIMATED COST AND AWARD FEE is hereby deleted in entirety and replaced with the following, changes in bold:

FROM:

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The maximum estimated cost of this contract is $2,014,414,077. The maximum available award fee, excluding base fee, if any, is $145,990,646. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $2,160,404,724.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost***	Maximum Award Fee	Total
Baseline Requirements	$518,116,953	$37,563,480	$555,680,433
Indefinite-Delivery-Indefinite-Quantity* (NTE)	$1,287,471,960	$93,341,717	$1,380,813,677
Level-Of Effort**	$177,939,457	$12,900,610	$190,840,067
LOE Non-Labor Resources	$30,135,708	$2,184,839	$32,320,547
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	$2,014,414,077	$145,990,646	$2,160,404,724

* Total value (cost and fee) of delivery orders issued: $659,644,253
** Total value (cost and fee) of task orders including Non-Labor Resources: $165,750,316
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)

TO:

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The maximum estimated cost of this contract is $2,013,400,337. The maximum available award fee, excluding base fee, if any, is $145,917,150. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $2,159,317,487.

c. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost***	Maximum Award Fee	Total
Baseline Requirements	**$517,103,212**	**$37,489,984**	**$554,593,196**
Indefinite-Delivery-Indefinite-Quantity* (NTE)	$1,287,471,960	$93,341,717	$1,380,813,677
Level-Of Effort**	$177,939,457	$12,900,610	$190,840,067

LOE Non-Labor Resources	$30,135,708	$2,184,839	$32,320,547
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$2,013,400,337**	**$145,917,150**	**$2,159,317,487**

* Total value (cost and fee) of delivery orders issued: $659,644,253
** Total value (cost and fee) of task orders including Non-Labor Resources: $165,750,316
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)

OMB APPROVAL #: 2700-0042

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF 1 | 3

2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
276	See Block 16C		

6. ISSUED BY CODE
NASA/Johnson Space Center
Attn: Ronald Johnson/BH
2101 NASA Parkway
Houston, TX 77058

7. ADMINISTERED BY (If other than Item 6) CODE
NASA/Johnson Space Center
Attn: Miyoshi Thompson/BH
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)

JACOBS TECHNOLOGY INC
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston, TX 77258

CODE		FACILITY CODE
	9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C	10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning ☐ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.(x)

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	d. OTHER (Specify type of modification and authority) H.7 Special Clause for Contract Changes

E. IMPORTANT: Contractor ☐ ☒ is required to sign this document and return 2 copies to the issuing office.

14. description of amendment/modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to decrease the current Baseline value in accordance with H.7 from $555,680,433 to $554,593,196, a decrease of $1,031,741. Please see attached pages for clause revision.

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
LON F. MILLER, SR. V.P. & GENERAL MGR.	Adrian D. Clayton

15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Signature of person authorized to sign)	4/4/11	BY (Signature of Contracting Officer)	4/5/2011

1. In accordance with Clause H.7 SPECIAL CLAUSE FOR CONTRACT CHANGES. Clause B.2 ESTIMATED COST AND AWARD FEE is hereby deleted in entirety and replaced with the following, changes in bold:

FROM:

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The maximum estimated cost of this contract is $2,014,414,077. The maximum available award fee, excluding base fee, if any, is $145,990,646. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $2,160,404,724.

b. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost***	Maximum Award Fee	Total
Baseline Requirements	$518,116,953	$37,563,480	$555,680,433
Indefinite-Delivery-Indefinite-Quantity* (NTE)	$1,287,471,960	$93,341,717	$1,380,813,677
Level-Of Effort**	$177,939,457	$12,900,610	$190,840,067
LOE Non-Labor Resources	$30,135,708	$2,184,839	$32,320,547
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	$2,014,414,077	$145,990,646	$2,160,404,724

* Total value (cost and fee) of delivery orders issued: $659,644,253
** Total value (cost and fee) of task orders including Non-Labor Resources: $165,750,316
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)

TO:

B.2 ESTIMATED COST AND AWARD FEE (NFS 1852.216-85) (SEP 1993)

a. The maximum estimated cost of this contract is $2,013,400,337. The maximum available award fee, excluding base fee, if any, is $145,917,150. The base fee is $0. Total estimated cost, base fee, and maximum award fee are $2,159,317,487.

c. The estimated cost and award fee for this contract is broken out as follows:

	Estimated Cost***	Maximum Award Fee	Total
Baseline Requirements	**$517,103,212**	**$37,489,984**	**$554,593,196**
Indefinite-Delivery-Indefinite-Quantity* (NTE)	$1,287,471,960	$93,341,717	$1,380,813,677
Level-Of Effort**	$177,939,457	$12,900,610	$190,840,067

LOE Non-Labor Resources	$30,135,708	$2,184,839	$32,320,547
Phase-In Period (Fixed Price)	$750,000	$0	$750,000
Total	**$2,013,400,337**	**$145,917,150**	**$2,159,317,487**

* Total value (cost and fee) of delivery orders issued: $659,644,253
** Total value (cost and fee) of task orders including Non-Labor Resources: $165,750,316
*** Pricing of all IDIQ delivery orders and LOE task orders shall be in accordance with the negotiated rate tables in Section J-13.

(End of Clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF PAGES 2

2. AMENDMENT/MODIFICATION NO.
000277

3. EFFECTIVE DATE
See Block 16C

4. REQUISITION/PURCHASE REQ. NO.
See Schedule

5. PROJECT NO. *(If applicable)*

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Chris Gaspard/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY *(If other than Item 6)* CODE JSC

NASA/Johnson Space Center
Attn: Chris Gaspard/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR *(No., street, county, State and ZIP Code)*

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED *(SEE ITEM 11)*

x 10A. MODIFICATION OF CONTRACT/ORDER NO.
NNJ05HI05C

10B. DATED *(SEE ITEM 13)*
12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended. ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA *(If required)* Net Increase: $12,655,807.39

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: *(Specify authority)* THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES *(such as changes in paying office, appropriation date, etc.)* SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER *(Specify type of modification and authority)* FAR 52.232-22, Limitation of Funds

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return _____ copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION *(Organized by UCF section headings, including solicitation/contract subject matter where feasible.)*

The purpose of this modification is to 1)increase the current funding from $1,479,635,850.75 to $1,492,291,658.14, an increase of $12,655,807.39 and 2) recapitulate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER *(Type or print)*

16A. NAME AND TITLE OF CONTRACTING OFFICER *(Type or print)*
Adrian Clayton

15B. CONTRACTOR/OFFEROR
(Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
Adrian L. Clayton
(Signature of Contracting Officer)

16C. DATE SIGNED
4-6-11

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,399,363,165.85**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 06, 2011**.

(b) An additional amount of **$92,928,492.29** obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 275	Obligation This Modification 277	Total Funding Thru Mod 277
Total Cost	$1,387,624,904.50	**$11,738,261.35**	**$1,399,363,165.85**
Fee	$92,010,946.25	**$917,546.04**	**$92,928,492.29**
Total	$1,479,635,850.75	**$12,655,807.39**	**$1,492,291,658.14**

Obligations:	
PR	**Amount**
4200383651	**$8,542,856.14**
4200383692	**$4,112,951.25**
Total	**$12,655,807.39**

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE

PAGE 1 OF 2 PAGES

2. AMENDMENT/MODIFICATION NO.: 000278

3. EFFECTIVE DATE: See Block 16C

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE JSC

NASA/Johnson Space Center
Attn: Chris Gaspard/BH2
2101 NASA Parkway
Houston TX 77058-3696

7. ADMINISTERED BY (If other than Item 6) CODE JSC

NASA/Johnson Space Center
Attn: Chris Gaspard/BH2
2101 NASA Parkway
Houston TX 77058-3696

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)

JACOBS
Attn: Paul Spickard, Contracts Manager
PO Box 58447
Houston TX 77258-8447

CODE 07486 FACILITY CODE

(x) 9A. AMENDMENT OF SOLICITATION NO.

9B. DATED (SEE ITEM 11)

X 10A. MODIFICATION OF CONTRACT/ORDER NO. NNJ05HI05C

10B. DATED (SEE ITEM 13) 12/17/2004

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required) Net Decrease: -$59,041.00

13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.

CHECK ONE	
	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) FAR 52.232-22, Limitation of Funds

E. IMPORTANT: Contractor ☒ is not, ☐ is required to sign this document and return 0 copies to the issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to 1) decrease the current funding from $1,492,291,658.14 to $1,492,232,617.14, a decrease of $59,041.00 and 2) recapitualate funding.
FOB: Destination

Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Adrian Clayton

15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA Adrian D. Clayton (Signature of Contracting Officer)

16C. DATE SIGNED 4-15-2011

NSN 7540-01-152-8070
Previous edition unusable

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA
FAR (48 CFR) 53.243

1. Clause B.4 "CONTRACT FUNDING" (NFS 1852.232-81 (JUNE 1990) is hereby revised as follows:

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990)

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is **$1,399,304,124.85**. This allotment is for ESC activities within the scope of the Statement of Work in Section C of this contract and covers the following estimated period of performance December 17, 2004 through **June 06, 2011**.

(b) An additional amount of **$92,928,492.29** obligated under this contract for payment of fee.
(End of Clause)

2. Funding Recapitulation (shown for administrative purposes only):

	Prior Funding Thru Modification 277	Obligation This Modification 278	Total Funding Thru Mod 278
Total Cost	$1,399,363,165.85	($59,041.00)	**$1,399,304,124.85**
Fee	$92,928,492.29	0.00	**$92,928,492.29**
Total	$1,492,291,658.14	($59,041.00)	**$1,492,232,617.14**

	De-obligations:		**WBS Element**	
PR #	**PLI**	**ALI**	**WBS**	**Amount**
4200222507	310	16	825080.02.04.01.08	(48,655.00)
4200230966	321	3	182306.02.01.10	(10,386.00)
				(59,041.00)