

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 50	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200158161, 4200158424	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH4/JNH	7. ADMINISTERED BY (If other than Item 6) CODE	

NASA/Johnson Space Center
Attn: BH4/Stacy J. Gilliam
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
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)

Net obligation : **\$6,382,541.92**

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) 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /original signed by/ (Signature of Contracting Officer)	16C. DATE SIGNED

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 **\$250,790,457.07**. 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 **June 14, 2006**.

(b) An additional amount of **\$9,677,580.59** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 48	Obligation This Modification 50	Revised Cumulative Obligation
Total Cost	\$244,565,691.59	\$6,224,765.48	\$250,790,457.07
Fee	<u>\$9,519,804.15</u>	<u>\$157,776.44</u>	<u>\$9,677,580.59</u>
Total	\$254,085,495.74	\$6,382,541.92	\$260,468,037.66

3. Obligations and De-obligations

Obligations:			Deobligations:	WBS Element	
4200158161	\$2,167,490.33				
4200158424	\$4,215,051.59				
TOTAL	\$6,382,541.92			TOTAL	\$0.00

Net Change		
Obligations		\$6,382,541.92
Deobligations		\$0.00
	TOTAL	\$6,382,541.92

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 49	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH4/JNH	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
 Attn: BH4/Stacy J. Gilliam
 2101 NASA Parkway
 Houston, TX 77058

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

Sverdrup Technology, Inc.
 Attn: Mr. Paul Spickard, Contracts Manager
 P.O. Box 58447, Mail Stop JE-IWA
 Houston, TX 77258-8447

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : **N/A**

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input checked="" type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: FAR 52.243-2 Alt. II
<input type="checkbox"/>	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 update DRD 19, Problem Reporting and Corrective Action (PRACA) for Johnson Space Center (JSC) Government Furnished Equipment (GFE) and Flight Products to delete the delivery address, phone numbers, and e-mail address.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY /original signed/ (Signature of Contracting Officer)	16C. DATE SIGNED 05/22/2006

1. Data Requirements Document (DRD) 19 is hereby modified to delete the delivery address, phone numbers and e-mail address. All future delivery information will be specified via a CO letter or e-mail. The DRD is modified as follows:

1. DRD Title Problem Reporting and Corrective Action (PRACA) for Johnson Space Center (JSC) Government Furnished Equipment (GFE) and Flight Products	2. Date of current version May 2, 2006	3. DRL Line Item No. 19	RFP/Contract No. (Procurement completes) NNJ05HI05C
4. Use <i>(Define need for, intended use of, and/or anticipated results of data)</i> To report problems and to document their subsequent resolution and approval.		5. DRD Category: <i>(check one)</i> <input type="checkbox"/> Technical <input type="checkbox"/> Administrative <input checked="" type="checkbox"/> SR&QA	
6. References <i>(Optional)</i>	7. Interrelationships <i>(e.g., with other DRDs) (Optional)</i> Nonconformance Record DRD		
8. Preparation Information <i>(Include complete instructions for document preparation)</i>			

APPLICABLE DOCUMENTS:

JSC 28035, Program Problem Reporting and Corrective Action (PRACA) Requirements for Johnson Space Center (JSC) Government Furnished Equipment (GFE)
 NSTS 22206, Requirements for Preparation and Approval of Failure Modes and Effects Analysis (FMEA) and Critical Items List (CIL)

SSP 30234, Failure Modes and Effects Analysis and Critical Items Requirements List for Space Station

SCOPE:

Nonconformances requiring JSC GFE PRACA reporting are defined in JSC 28035. PRACA reporting is limited to flight equipment and software, equipment that is representative of flight equipment and software (flight-like) and critical ground support equipment and software. PRACA requirements are also applicable to subcontractors that provide these products.

CONTENTS:

A. The following data is mandatory for the initial reporting of a problem. The initial report shall be transmitted to the JSC PRACA Center within 2 business days after isolation to a configuration item but no later than 10 business days after occurrence/detection.

1. PRACA Number [a unique tracking number assigned to the PRACA report]
2. Nonconformance Number [a unique local nonconformance number]
3. Detect Date [The date (mm/dd/yyyy) nonconformance occurred or was detected]
4. Location [The location where the nonconforming item was at, at the time of occurrence/detection]
5. Program [The affected NASA program (SSP, ISS, or both)]
6. Project Office [The responsible NASA Project Office (EVA, FCE, Life Sciences, Orbiter, RMS, Other_____)]
7. Contact [The technical point of contact, organization, and phone number]
8. Report Date [Date the PRACA report was initiated]
9. Detected During [The specific test or operation performed when the nonconformance occurred]

10. Title [A brief, but descriptive, title for the problem]
11. Description [A narrative description of the problem including the observed event(s) as well as the expected event(s).]
12. Identification of the Configuration Item by:
 - a. Part name
 - b. Part number
 - c. Serial number, lot number, or version
 - d. Manufacturer's name
 - e. Manufacturer's Contractor and Government Entity (CAGE) code

B. The following data shall be provided when it becomes known (with the exceptions noted). This data shall be provided as updates to the initial PRACA report. This data is mandatory for the closure of the report.

13. The end item or product (if not the configuration item), specific subassemblies, and the nonconforming article shall be identified
 - a. Part name
 - b. Part number
 - c. Serial number, lot number, or version
 - d. Manufacturer's name
 - e. Manufacturer's CAGE code
14. FMEA No. [Failure Mode and Effects Analyses number. Note: if the hardware is used by the Space Station and the Space Shuttle Programs, provide both FMEA numbers.]
15. FMEA Criticality [criticality per NSTS 22206 or SSP 30234]. This data is required within 10 calendar days of opening the problem report.
Note: if the hardware is used by the Space Station and the Space Shuttle Programs, provide both FMEA criticalities.]
16. FMEA/CIL Impact [yes or no, is the FMEA/CIL retention rationale impacted by the occurrence of this problem?]
17. Out-of-Family Problem [yes or no, based on the definitions of In-Family and Out-of-Family in JSC 28035.]
18. Fracture Critical [yes or no, is the material involved fracture critical?]
19. ECD [Estimated Completion Date for submitting a final closure of the problem. This data is required within 30 calendar days of opening the problem report.]
20. Process Escape [yes or no, per the definition of process escape in JSC 28035]

C. The following data shall be provided to close the report:

21. Final report [A final report documenting the specific information required for closure per JSC 28035, i.e. final closure with corrective action (this is preferred) or final closure without corrective action (explanation)]
22. Approval signatures
23. Date Approved

D. The contractor shall maintain a status list on all open problems including estimated completion date. This status shall be submitted to the Contracting Officer's Technical Representative and the JSC PRACA Center on a monthly basis during the contract.

FORMAT: The contractor's format is acceptable; however, data shall be easily identifiable to the data labels specified in Contents.

JSC Form 2174 is a preferred document for initiating problem reports.

Hours of operation: 8:00 a.m. - 4:30 p.m. Central, Monday through Friday

MAINTENANCE: Update as required.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 44	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200153106 & 4200153062	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH4/JEG	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH4/Michael D. Ballard
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
Houston, TX 77258-8447

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : **\$2,797,843.49**

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	d. OTHER (Specify type of modification and authority) Limitation of Funds Clause (FAR 52.232-22), Service Contract Act of 1965 as Amended, (FAR 52.222-41), Key Personnel (NFS 1852.235-71)

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 obligate funds on the contract

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY (Signature of Contracting Officer)	16C. DATE SIGNED

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 **\$229,177,129.64**. 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 3, 2006**.

(b) An additional amount of **\$9,129,756.93** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 42	Obligation This Modification 44	Revised Cumulative Obligation
Total Cost	\$226,448,448.84	\$2,728,680.80	\$229,177,129.64
Fee	<u>\$9,060,594.24</u>	<u>\$69,162.69</u>	<u>\$9,129,756.93</u>
Total	\$235,509,043.08	\$2,797,843.49	\$238,306,886.57

3. Obligations and De-obligations

Obligations:	
4200153106	\$1,547,016.19
4200153062	\$1,250,827.30

Net Change		
Obligations		\$2,797,843.49
Deobligations		\$0.00
	TOTAL	\$2,797,843.49

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 45	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200154099&4200153973	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH4/JEG	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH4/Michael D. Ballard
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
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)

Net obligation : **\$11,180,302.36**

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
_____ (Signature of person authorized to sign)		_____ (Signature of Contracting Officer)	

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 **\$240,081,054.93**. 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 **May 24, 2006**.

(b) An additional amount of **\$9,406,134.00** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 44	Obligation This Modification 45	Revised Cumulative Obligation
Total Cost	\$229,177,129.64	\$10,903,925.29	\$240,081,054.93
Fee	<u>\$9,129,756.93</u>	<u>\$276,377.07</u>	<u>\$9,406,134.00</u>
Total	\$238,306,886.57	\$11,180,302.36	\$249,487,188.93

3. Obligations and De-obligations

Obligations:	
4200153973	\$5,143,570.49
4200154099	\$6,036,731.87

Net Change	
Obligations	\$11,180,302.36
Deobligations	\$0.00
TOTAL	\$11,180,302.36

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 41	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200148494 & 4200148646	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6) CODE		

NASA/Johnson Space Center
 Attn: BH2/Jennifer Ariens
 2101 NASA Parkway
 Houston, TX 77058

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

Sverdrup Technology, Inc.
 Attn: Mr. Paul Spickard, Contracts Manager
 P.O. Box 58447, Mail Stop JE-IWA
 Houston, TX 77258-8447

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

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12. ACCOUNTING AND APPROPRIATION DATA (If required)

Net obligation : **\$3,028,350.90**

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.
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	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 _____ 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by:</u> (Signature of Contracting Officer)	16C. DATE SIGNED 03/07/2006
_____ (Signature of person authorized to sign)			

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 **\$212,947,887.95**. 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 31, 2006**.

(b) An additional amount of **\$8,718,401.37** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 40	Obligation This Modification 41	Revised Cumulative Obligation
Total Cost	\$209,994,397.88	\$2,953,490.07	\$212,947,887.95
Fee	<u>\$8,643,540.54</u>	<u>\$74,860.83</u>	<u>\$8,718,401.37</u>
Total	\$218,637,938.42	\$3,028,350.90	\$221,666,289.32

3. Obligations and Deobligations

Obligations:	
PR	Amount
4200148494	\$954,402.00
4200148646	\$2,073,948.90
Total	\$3,028,350.90
Net Change:	
Obligations	\$3,028,350.90
Deobligations	0.00
Total	\$3,028,350.90

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 40	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200146652 & 4200146764	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
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)

Net obligation : **\$14,043,880.27**

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by</u> (Signature of Contracting Officer)	16C. DATE SIGNED 02/23/2006

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 **\$209,994,397.88**. 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 24, 2006**.

(b) An additional amount of **\$8,643,540.54** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 38	Obligation This Modification 40	Revised Cumulative Obligation
Total Cost	\$196,306,459.85	\$13,687,938.03	\$209,994,397.88
Fee	<u>\$8,296,598.30</u>	<u>\$346,942.24</u>	<u>\$8,643,540.54</u>
Total	\$204,603,058.15	\$14,034,880.27	\$218,637,938.42

3. Obligations and Deobligations:

Obligations:		Deobligations	WBS Element	
		:		
4200146652	\$2,349,176.00	189/690	401769.06.03.07.01.01	\$45,000.00
4200146764	\$12,056,704.26	189/700	401769.06.03.07.04.06	\$27,000.00
		189/710	401769.06.04.02.02.07	\$10,000.00
		189/720	401769.06.04.02.02.04	\$16,999.99
		189/730	401769.06.04.02.02.03	\$9,000.00
		189/740	401769.06.04.02.02.12	\$8,000.00
		189/750	401769.06.04.03.02.07	\$11,000.00
		189/760	401769.06.04.05.02.01	\$44,000.00
		189/790	401769.06.04.02.02.08	\$53,000.00
		177/120	377816.06.02.05.03.13.02	\$135,000.00
		177/160	377816.06.02.05.03.22.02	\$12,000.00
TOTAL	\$14,405,880.26		TOTAL	\$370,999.99

Net Change	
Obligations	\$14,405,880.26
Deobligations	\$370,999.99
TOTAL	\$14,034,880.27

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 38	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200144796 & 4200144998	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
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)

Net obligation : **\$3,623,430.02**

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 2/10/2006
(Signature of person authorized to sign)			

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 **\$196,306,459.85**. 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 **February 28, 2006**.

(b) An additional amount of **\$8,296,598.30** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 37	Obligation This Modification 38	Revised Cumulative Obligation
Total Cost	\$192,772,601.02	\$3,533,858.83	\$196,306,459.85
Fee	<u>\$8,207,027.11</u>	<u>\$89,571.19</u>	<u>\$8,296,598.30</u>
Total	\$200,979,628.13	\$3,623,430.02	\$204,603,058.15

3. Obligations and Deobligations:

Obligations:		Deobligations:	WBS Element	
4200144796	\$3,563,452.00	174/90	401769.06.01.02.05	\$105,000.00
4200144998	\$324,574.00	185/620	931164.05.02	106,999.99
		185/170	843515.01.15.05	\$52,595.99
TOTAL	\$3,888,026.00		TOTAL	\$264,595.98

Net Change	
Obligations	\$3,888,026.00
Deobligations	\$264,595.98
TOTAL	\$3,623,430.02

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3	
2. AMENDMENT/MODIFICATION NO. 37	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200143911& 4200143809	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
P.O. Box 58447, Mail Stop JE-IWA
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)

Net obligation : **\$14,479,610.12**

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by	16C. DATE SIGNED 1/30/2006
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

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 **\$192,772,601.02**. 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 **February 22, 2006**.

(b) An additional amount of **\$8,207,027.11** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 36	Obligation This Modification 37	Revised Cumulative Obligation
Total Cost	\$178,650,926.86	\$14,121,674.16	\$192,772,601.02
Fee	<u>\$7,849,091.15</u>	<u>\$357,935.96</u>	<u>\$8,207,027.11</u>
Total	\$186,500,018.01	\$14,479,610.12	\$200,979,628.13

3. Obligations and Deobligations:

Obligations:			Deobligations:		
4200143911	\$6,736,200.11		131/790	72-617-42-22-AA	\$111,000.00
4200143809	\$8,139,410.00		159/20	72-617-42-22-AA	109,000.00
			159/70	72-336-36-01-AG	\$11,000.00
			156/100	72-614-40-05-A1	\$20,000.00
			177/50		\$134,999.99
			125/720	72-337-43-05-N2	\$10,000.00
TOTAL	\$14,875,610.11			TOTAL	\$395,999.99
			Net Change		
			Obligations		\$14,875,610.11
			Deobligations		\$395,999.99
				TOTAL	\$14,479,610.12

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 36	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200143095, 4200143539	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)
Net obligation : \$10,548,709.50

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) J. R. Carpentier, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 01/26/2006

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 **\$178,650,926.86**. 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 **January 26, 2006**.

(b) An additional amount of **\$7,849,091.15** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 34	Obligation This Modification 36	Revised Cumulative Obligation
Total Cost	\$168,362,981.46	\$10,287,945.40	\$178,650,926.86
Fee	<u>\$7,588,327.05</u>	<u>\$260,764.10</u>	<u>\$7,849,091.15</u>
Total	\$175,951,308.51	\$10,548,709.50	\$186,500,018.01

3. Obligations:

Obligations:	
PR	Amount
4200143095	\$7,856,215.50
4200143539	\$2,692,494.00
TOTAL	\$10,548,709.50

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 34	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200139378	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : \$957,000.00

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) Limitation of Funding 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Kolb, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$168,362,981.46**. 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 8, 2006**.

(b) An additional amount of **\$7,588,327.05** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 33	Obligation This Modification 34	Revised Cumulative Obligation
Total Cost	\$167,429,638.50	\$933,342.96	\$168,362,981.46
Fee	<u>\$7,564,670.01</u>	<u>\$23,657.04</u>	<u>\$7,588,327.05</u>
Total	\$174,994,308.51	\$957,000.00	\$175,951,308.51

3. Obligations:

Obligations:	
PR	Amount
4200139378	\$957,000.00
Total	\$957,000.00
Net Change:	
Obligations	\$957,000.00
Deobligations	0.00
Total	\$957,000.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 33	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200139899	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
 Attn: BH2/Jennifer Ariens
 2101 NASA Parkway
 Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : \$1,070,683.09

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Kolb, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed By:	16C. DATE SIGNED December 20, 2005
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

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 **\$167,429,638.50**. 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 **January 6, 2006**

(b) An additional amount of **\$7,564,670.01** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 32	Obligation This Modification 33	Revised Cumulative Obligation
Total Cost	\$166,385,422.70	\$1,044,215.80	\$167,429,638.50
Fee	<u>\$7,538,202.72</u>	<u>\$26,467.29</u>	<u>\$7,564,670.01</u>
Total	\$173,923,625.42	\$1,070,683.09	\$174,994,308.51

3. Obligations:

Obligations:	
PR	Amount
4200139899	\$1,070,683.09
Total	\$1,070,683.09
Net Change:	
Obligations	\$1,070,683.09
Deobligations	0.00
Total	\$1,070,683.09

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 32	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200139692 & 4200139685	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : \$2,218,692.25

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Kolb, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 12/19/05

1. B.4CONTRACT 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 **\$166,385,422.70**. 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 27, 2004 through **December 30, 2005**.

(b) An additional amount of **\$7,538,202.72** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 31	Obligation This Modification 32	Revised Cumulative Obligation
Total Cost	\$164,221,576.52	\$2,163,846.18	\$166,385,422.70
Fee	<u>\$7,483,356.65</u>	<u>\$54,846.07</u>	<u>\$7,538,202.72</u>
Total	\$171,704,933.17	\$2,218,692.25	\$173,923,625.42

3. Obligations/Deobligations

Obligations:		Deobligations:		
PR	Amount	PLI/ALI	WBS	Amount
4200139692	\$2,165,469.25	178/170	378343.10.01.02.06	\$320,000.00
4200139685	\$379,223.00	175/100	72-376-75-30-CR	\$6,000.00
Total:	\$2,544,692.25		Total:	\$326,000.00
		Net Change:		
		Obligations		\$2,544,692.25
		Deobligations		\$326,000.00
			Total:	\$2,218,692.25

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 31	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200139378 & 4200139385	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : \$7,017,090.93

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Robert Kolb, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 12/15/05
_____ (Signature of person authorized to sign)			

1. B.4CONTRACT 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 **\$164,221,576.52**. 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 27, 2005**.

(b) An additional amount of **\$7,483,356.65** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 29	Obligation This Modification 31	Revised Cumulative Obligation
Total Cost	\$157,377,948.08	\$6,843,628.44	\$164,221,576.52
Fee	<u>\$7,309,894.16</u>	<u>\$173,462.49</u>	<u>\$7,483,356.65</u>
Total	\$164,687,842.24	\$7,017,090.93	\$171,704,933.17

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200139378	\$3,120,264.00		175/100	72-376-75-30-CR	\$528.19
4200139385	\$5,930,798.52		163/130	72-700-23-AD	109,996.28
			163/310	72-959-70-AA	\$51,626.12
			174/10		\$700,521.00
			174/20		\$650,736.00
			174/40		\$400,564.00
			175/510		\$120,000.00
TOTAL	\$9,051,062.52			TOTAL	\$2,033,971.59
			Net Change		
			Obligations		\$9,051,062.52
			Deobligations		\$2,033,971.59
				TOTAL	\$7,017,090.93

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 29	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200136755	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : **\$5,076,351.28**

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by	16C. DATE SIGNED 11/17/05
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$157,377,948.08**. 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 28, 2005**.

(b) An additional amount of **\$7,309,894.16** is obligated under this contract for payment of fee.
(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 28	Obligation This Modification 29	Revised Cumulative Obligation
Total Cost	\$152,427,084.20	\$4,950,863.88	\$157,377,948.08
Fee	<u>\$7,184,406.76</u>	<u>\$125,487.40</u>	<u>\$7,309,894.16</u>
Total	\$159,611,490.96	\$5,076,351.28	\$164,687,842.24

3. Obligations/Deobligations

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200136755	\$5,120,383.25		152/10		\$12,031.99	
			152/20		\$3,999.99	
			163/380	72-101-31-AM	\$24,000.00	
			175/670		\$3,999.99	
TOTAL	\$5,120,383.25			TOTAL	\$44,031.97	
			Net Change			
			Obligations		\$5,120,383.25	
			Deobligations		\$44,031.97	
				TOTAL	\$5,076,351.28	

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 28	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200135934	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
 Attn: BH2/Jennifer Ariens
 2101 NASA Parkway
 Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : \$6,090,472.90

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 Modification 28 is to replace Modification 27 in it's entirety, to correct an error that was found. The changes are hereby attached.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by	16C. DATE SIGNED 11/17/05
<i>(Signature of person authorized to sign)</i>		<i>(Signature of Contracting Officer)</i>	

Modification 28 hereby replaces Modification 27 in its entirety, as follows:

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 **\$152,427,084.20**. 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 **November 16, 2005**.

(b) An additional amount of **\$7,184,406.76** is obligated under this contract for payment of fee.
 (End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 25	Obligation This Modification 28 (Replaces Mod 27)	Revised Cumulative Obligation
Total Cost	\$146,487,167.79	\$5,939,916.41	\$152,427,084.20
Fee	<u>\$7,033,850.27</u>	<u>\$150,556.49</u>	<u>\$7,184,406.76</u>
Total	\$153,521,018.06	\$6,090,472.90	\$159,611,490.96

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200135934	\$7,044,591.89		152/30		\$86,119.00
			172/10	72-610-20-15-WT	\$59,999.99
			131/790	72-617-42-22-AA	\$97,000.00
			174/110		\$671,000.00
			172/190	72-610-20-15	\$40,000.00
TOTAL	\$7,044,591.89			TOTAL	\$954,118.99
			Net Change		
			Obligations		\$7,044,591.89
			Deobligations		\$954,118.99
				TOTAL	\$6,090,472.90

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 27	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200135934	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : \$6,150,472.89

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 11/10/2005

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 **\$152,485,600.99**. 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 **November 16, 2005**.

(b) An additional amount of **\$7,185,889.96** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 25	Obligation This Modification 27	Revised Cumulative Obligation
Total Cost	\$146,487,167.79	\$5,998,433.20	\$152,485,600.99
Fee	<u>\$7,033,850.27</u>	<u>\$152,039.69</u>	<u>\$7,185,889.96</u>
Total	\$153,521,018.06	\$6,150,472.89	\$159,671,490.95

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200135934	\$7,044,591.89		152/30		\$86,119.00
			172/10	72-610-20-15-WT	60,000.00
			131/790	72-617-42-22-AA	\$97,000.00
			174/110		\$671,000.00
			172/190	72-610-20-15	\$40,000.00
TOTAL	\$7,044,591.89			TOTAL	\$894,119.00
			Net Change		
			Obligations		\$7,044,591.89
			Deobligations		\$894,119.00
				TOTAL	\$6,150,472.89

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
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2. AMENDMENT/MODIFICATION NO. 26	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable)
--	---	--	--------------------------------

6. ISSUED BY CODE BH2/JGC	7. ADMINISTERED BY (If other than Item 6) CODE
-------------------------------------	--

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

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

CODE 348M3	FACILITY CODE
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(x) 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
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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)
N/A

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

(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 3 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.

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer
---	--

15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <u>Original Signed by</u> <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED 11/07/05
--	------------------	--	-------------------------------------

1. Clause H.12 Key Personnel and Facilities is deleted in its entirety and replaced by the following:

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.

(End of Clause)

All other terms and conditions of the contract remain unchanged.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 25	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200134747	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : \$10,354,000.00

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED 10/26/05
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$146,487,167.79**. 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 **November 4, 2005**.

(b) An additional amount of **\$7,033,850.27** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 24	Obligation This Modification 25	Revised Cumulative Obligation
Total Cost	\$136,389,118.67	\$10,098,049.12	\$146,487,167.79
Fee	<u>\$6,777,899.39</u>	<u>\$255,950.88</u>	<u>\$7,033,850.27</u>
Total	\$143,167,018.06	\$10,354,000.00	\$153,521,018.06

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200134747	\$10,419,000.00		163/350	72-101-31-11	\$21,000.00
			163/320	72-131-50-10-MW	\$44,000.00
TOTAL	\$10,419,000.00			TOTAL	\$65,000.00
			Net Change		
			Obligations		\$10,419,000.00
			Deobligations		\$65,000.00
				TOTAL	\$10,354,000.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 24	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200133938	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)		CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : \$28,339.02

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 9/29/2005

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 **\$136,389,118.67**. 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 **October 18, 2005**.

(b) An additional amount of **\$6,777,899.39** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 23	Obligation This Modification 24	Revised Cumulative Obligation
Total Cost	\$136,361,480.19	\$27,638.48	\$136,389,118.67
Fee	\$6,777,198.85	\$700.54	\$6,777,899.39
Total	\$143,138,679.04	\$28,339.02	\$143,167,018.06

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200133938	\$65,922.20		128/320	72-377-10-21-13	\$37,583.18
TOTAL	\$65,922.20			TOTAL	\$37,583.18
			Net Change		
			Obligations		\$65,922.20
			Deobligations		\$37,583.18
			TOTAL		\$28,339.02

**AMENDMENT OF SOLICITATION/
MODIFICATION OF CONTRACT AMENDMENT OF**

1. CONTRACT ID CODE

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1 | 2

2. AMENDMENT/MODIFICATION NO.
12

3. EFFECTIVE DATE
See Block 16c

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

BH2/JEI

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

NASA/Johnson Space Center
Attn: BH2/Dawn Alexander
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3

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)
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.(x) (x)**

(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).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 52.243-2, Changes – Cost-Reimbursement (Alt II) (Alt V)

d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to amend Section J, Attachment J-2, Data Requirements, as described on Page 2.

15A. NAME AND TITLE OF SIGNER (Type or print)
W. F. Arnold, III - General Manager

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Dawn Alexander

15B. CONTRACTOR/OFFEROR
Original Signed by

(Signature of person authorized to sign)

15C. DATE SIGNED
9/16/05

16B. UNITED STATES OF AMERICA
BY Original Signed by

(Signature of Contracting Officer)

16C. DATE SIGNED
9/16/05

1. The JSC Data Requirements Description (DRD) for Data Requirements List (DRL) 002, Contract Work Breakdown Structure and Dictionary, is deleted in its entirety and replaced by the attached version dated June 29, 2005. The DRD has been modified to delete the fourth sentence in the Contents section. There is no cost associated with this change.
2. The DRD for DRL 004, Financial Management Report (NF533), is deleted in its entirety and replaced by the attached version dated June 25, 2005. The DRD has been modified throughout for clarity and to add an additional column entitled "Government Fiscal Year EAC" to the report. The descriptions of the supplemental reports in Attachment 5 are also revised to clarify requirements. The estimated cost of this change is \$100,000.
3. Pursuant to Special Contract Provision H.7, Special Clause for Contract Changes, and Section I Clause 52.243-2, Changes – Cost Reimbursement, an equitable adjustment in the estimated cost and fee of the contract is not being made since the estimated cost increase is less than ~~\$500,000~~.

**AMENDMENT OF SOLICITATION/
MODIFICATION OF CONTRACT AMENDMENT OF**

1. CONTRACT ID CODE

PAGE OF PAGES

1 | **3**

2. AMENDMENT/MODIFICATION NO.
13

3. EFFECTIVE DATE
See Block 16c

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

BH2/JEI

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

NASA/Johnson Space Center
Attn: BH2/Dawn Alexander
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Ms. Michele Katz, Business Manager
2224 Bay Area Boulevard, 4E-411
Houston, TX 77058

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.(x) (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).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 52.243-2 Alt. II

d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to make administrative and negotiated changes to the contract. These changes include an update to B.2 Estimated Cost and Award Fee, an administrative change to section H, and a revision to the Award Fee Plan.

15A. NAME AND TITLE OF SIGNER (Type or print)
William F. Arnold, III

16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)
Dawn Alexander, Contracting Officer

15B. CONTRACTOR/OFFEROR
Original Signed by

(Signature of person authorized to sign)

15C. DATE SIGNED
9/8/05

16B. UNITED STATES OF AMERICA
BY Original Signed by

(Signature of Contracting Officer)

16C. DATE SIGNED
9/8/05

1. Section B.2, Estimated Cost and Award Fee (NFS 1852.216-85) (SEP 1993), is deleted in its entirety and replaced by the following. This section has been updated to reflect the maximum amount for IDIQ and LOE work as allowed by the original award.

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 \$76,422,198. The base fee is \$0. Total estimated cost, base fee, and maximum award fee are \$1,131,271,465.

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

	<u>Estimated Cost***</u>	<u>Maximum Award Fee</u>	<u>Total</u>
Baseline Requirements	\$289,332,038	\$20,976,573	\$310,308,611
Indefinite-Delivery-Indefinite Quantity*	\$559,440,559	\$40,559,441	\$600,000,000
Level-Of-Effort**	\$205,326,670	\$14,886,184	\$220,212,854
Phase-In Period (Fixed-Price)	\$750,000		\$750,000
Total	\$1,054,849,267	\$76,422,198	\$1,131,271,465

* Total value (cost and fee) of delivery orders issued;

** Total value (cost and fee) of task orders issued

*** 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)

2. Section H., Special Contract Requirement subsection H.1.II, NFS 1852.225-70, Export Licenses (February 2000), paragraph (b), insert "NASA Johnson Space Center" as the name of the NASA installation.

3. Section J-11, Award Fee Plan, Appendix 2, is deleted in its entirety and replaced by the following:

APPENDIX 2
AWARD FEE DISTRIBUTION

1	February 1, 2005 - September 30, 2005	\$8,900,000	TBD
2	October 1, 2005 - March 31, 2006	\$7,791,022	TBD
3	April 1, 2006 - September 30, 2006	\$7,791,022	TBD
4	October 1, 2006 - March 31, 2007	\$7,791,022	TBD
5	April 1, 2007 - September 30, 2007	\$7,791,022	TBD
6	October 1, 2007 - March 31, 2008	\$7,791,022	TBD
7	April 1, 2008 - September 30, 2008	\$7,791,022	TBD
8	October 1, 2008 - March 31, 2009	\$7,791,022	TBD
9	April 1, 2009 - September 30, 2009	\$7,791,022	TBD
10	October 1, 2009 - January 31, 2010	\$5,194,016	TBD

In addition, Section 2.4, Evaluation Procedures, is modified to insert the word “working” between “5” and “days” in the fourth paragraph, and in the second sentence of the fifth paragraph.

The maximum award fee available for each period is based upon the condition that NASA authorizes the dollar amount of work as identified in Table 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 planned to be authorized for the following Award Fee Periods and shall adjust the Award Fee allocations as appropriate. ESCG shall maintain a log of work released during the Award Fee period and shall submit that log to JSC approximately sixty days prior to award fee evaluation for review.

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 23	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200132531	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)
Net obligation : \$597,659.08

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY Original Signed by _____ (Signature of Contracting Officer)	16C. DATE SIGNED 9/27/2005
_____ (Signature of person authorized to sign)			

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 **\$136,361,480.19**. 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 18, 2005**.

(b) An additional amount of **\$6,777,198.85** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 22	Obligation This Modification 23	Revised Cumulative Obligation
Total Cost	\$135,778,595.24	\$582,884.95	\$136,361,480.19
Fee	<u>\$6,762,424.72</u>	<u>\$14,774.13</u>	<u>\$6,777,198.85</u>
Total	\$142,541,019.96	\$597,659.08	\$143,138,679.04

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200132531	\$1,134,798.39		163/200	72-336-36-01-AJ	\$47,360.00
			164/10		\$50,913.00
			144/410	72-612-50-04-15	\$700.00
			145/60		\$58,037.68
			104/10		\$354.44
			132/130		\$1,861.38
			95/10		\$129,016.00
			134/400	72-377-10-13-10	\$2,184.00
			137/50		\$78,959.00
			129/10		\$13,827.68
			129/20		\$5,926.14
			135/40		\$147,999.99
TOTAL	\$1,134,798.39			TOTAL	\$537,139.31
			Net Change		
			Obligations		\$1,134,798.39
			Deobligations		\$537,139.31
				TOTAL	\$597,659.08

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 22	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. See page 2	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JGC	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup 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)

Net obligation : \$11,356,960.67

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED 9/16/2005
_____ (Signature of person authorized to sign)		_____ (Signature of Contracting Officer)	

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 **\$135,778,595.24**. 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, 2005**.

(b) An additional amount of **\$6,762,424.72** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 20	Obligation This Modification 22	Revised Cumulative Obligation
Total Cost	\$124,702,378.64	\$11,076,216.60	\$135,778,595.24
Fee	<u>\$6,481,680.65</u>	<u>\$280,744.07</u>	<u>\$6,762,424.72</u>
Total	\$131,184,059.29	\$11,356,960.67	\$142,541,019.96

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200131531	\$564,070.54		134/460	72-610-20-15-CS	\$321,915.99
4200118883	\$1,157,115.57		122/270	72-336-31-01-AB	\$300,000.00
4200131699	\$184,484.00		122/250	72-376-70-10-EA	\$41,218.00
4200131160	\$3,998.00		23/130	72-377-10-21-20	\$27,981.00
4200131965	\$785,369.06		131/110	72-377-10-21-20	\$41,428.00
4200131568	\$13,000.00		23/70	72-376-70-10-E2	\$19,130.00
4200131940	\$566,962.63		23/120	72-377-10-21-18	\$15,386.00
4200131945	\$236,597.91		29/120	72-376-75-30-SR	\$5,499.99
4200131820	\$5,706,712.42		122/340	72-336-33-10-AA	\$7,000.00
4200130857	\$562,703.00		122/390	72-336-34-05-PC	\$18.54
4200132082	\$1,387,382.00		134/150	72-336-33-10-AA	\$22,999.99
4200132012	\$1,264,621.56		134/160	72-336-34-02-02	\$11,427.00
			134/220	72-336-34-02-AE	\$38,099.99
			134/190	72-336-34-02-CA	\$3,750.00
			134/270	72-336-34-05-PC	\$2,249.99
			134/390	72-376-70-30-IR	\$12,525.00
			134/240	72-377-10-30-15	\$38,099.99
			141/690	72-376-70-10-MA	\$139,831.05
			144/30	72-376-70-10-MA	\$27,495.49
TOTAL	\$12,433,016.69			TOTAL	\$1,076,056.02
			Net Change		
			Obligations		\$12,433,016.69
			Deobligations		\$1,076,056.02
				TOTAL	\$11,356,960.67

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 20	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200130421	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JMD	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

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)

Net obligation : \$1,628,893.39

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) Limitation of Funding 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 9/7/2005
_____ (Signature of person authorized to sign)			

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 **\$124,702,378.64**. 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 **September 26, 2005**.

(b) An additional amount of **\$6,481,680.65** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 19	Obligation This Modification 20	Revised Cumulative Obligation
Total Cost	\$123,113,751.49	\$1,588,627.15	\$124,702,378.64
Fee	<u>\$6,441,414.41</u>	<u>\$40,266.24</u>	<u>\$6,481,680.65</u>
Total	\$129,555,165.90	\$1,628,893.39	\$131,184,059.29

3. Obligations/Deobligations

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200130421	\$3,401,953.38		128/110	72-376-70-30	\$616,269.12
			141/450	72-376-70-30	\$383,690.88
			134/230	72-377-10-21	\$38,099.99
			108/10	72-336-33-04	\$5,000.00
			144/430	72-376-70-30	\$605,000.00
			146/100	72-336-36-01	\$125,000.00
TOTAL	\$3,401,953.38			TOTAL	\$1,773,059.99
			Net Change		
			Obligations		\$3,401,953.38
			Deobligations		\$1,773,059.99
				TOTAL	\$1,628,893.39

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 19	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO. 4200128742	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JMD	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Jennifer Ariens
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : \$729,083.48

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate and deobligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ Original Signed by: (Signature of Contracting Officer)	16C. DATE SIGNED 8/25/2005

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 **\$123,113,751.49**. 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 **September 22, 2005**.

(b) An additional amount of **\$6,441,414.41** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 18	Obligation This Modification 19	Revised Cumulative Obligation
Total Cost	\$122,402,690.95	\$711,060.54	\$123,113,751.49
Fee	<u>\$6,423,391.47</u>	<u>\$18,022.94</u>	<u>\$6,441,414.41</u>
Total	\$128,826,082.42	\$729,083.48	\$129,555,165.90

Obligations:			Deobligations:		
PR	Amount	Org	PLI/ALI	WBS	Amount
4200128742	\$2,664,679.05		132/20	None	\$188,000.00
			142/90	None	\$8,179.00
			142/80	None	\$406,821.00
			142/100	None	\$200,000.00
			128/590	72-336-31-01-06	\$349,999.99
			125/870	72-336-36-02-54	\$590.99
			94/100	72-336-34-02-VI	\$9,333.00
			94/120	72-336-34-04-AA	\$1,333.00
			94/130	72-336-34-05-PC	\$28,333.00
			94/250	72-376-70-10-CW	\$6,980.00
			122/360	72-336-34-02-VI	\$410.00
			122/370	72-336-34-02-QD	\$43,308.00
			122/390	72-336-34-05-PC	\$2,747.00
			122/400	72-336-34-02-02	\$4,887.00
			122/450	72-336-34-04-AA	\$9,999.99
			122/480	72-376-70-10-47	\$28,500.00
			122/490	72-376-70-10-14	\$41,284.00
			122/500	72-376-70-10-21	\$23,999.99
			122/530	72-376-70-10-CH	\$56,021.00
			122/590	72-376-70-10-19	\$5,510.00
			122/600	72-377-10-13-12	\$1,896.00
			122/610	72-336-34-02-SV	\$184,573.45
			134/190	72-336-34-02-CA	\$24,460.00
			134/200	72-376-70-10-CW	\$55,799.99
			134/210	72-336-34-02-QD	\$18,499.99
			134/280	72-336-38-08-95	\$6,464.19
			134/310	72-376-70-10-21	\$16,599.99
			134/330	72-376-70-10-47	\$8,559.00
			134/360	72-376-70-10-CV	\$26,865.00
			134/370	72-376-70-10-FC	\$25,301.00
			134/450	72-617-03-08-AA	\$28,000.00
			54/10	72-336-33-11-M1	\$63,840.00
			144/430	72-376-70-30-RR	\$58,500.00
TOTAL	\$2,664,679.05			TOTAL	\$1,935,595.57
			Net Change		
			Obligations		\$2,664,679.05
			Deobligations		\$1,935,595.57
				TOTAL	\$729,083.48

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	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) 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)
Net obligation : **\$13,455,376.10**

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

(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) Limitation of Funding 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

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 **\$19,238,845.64** 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 23, 2005**.

(b) An additional amount of **\$1,119,721.18** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 11	Obligation This Modification 14	Revised Cumulative Obligation
Total Cost	\$6,523,515.23	\$13,122,759.20	\$19,646,274.43
Fee	<u>\$379,675.49</u>	<u>\$332,616.90</u>	<u>\$ 712,292.39</u>
Total	\$6,903,190.72	\$13,455,376.10	\$20,358,566.82

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200121840	\$9,446,409.13	EA	102/10	72-376-70-10-05	\$7,000.00	EG
4200122252	\$4,102,609.97	EA	122/820	72-300-10-40-01	\$86,643.00	EC
TOTAL	\$13,549,019.10			TOTAL	\$93,643.00	

Net Change	
Obligations	\$13,549,019.10
Deobligations	<u>\$93,643.00</u>
TOTAL	\$13,455,376.10

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 16	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

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)

Net obligation : **\$2,440,287.81**

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) Limitation of Funding 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Timothy A. Boyes, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED 7/25/05
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$109,715,613.01**. 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 **August 26, 2005**.

(b) An additional amount of **\$6,101,817.59** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 14	Obligation This Modification 16	Revised Cumulative Obligation
Total Cost	\$107,335,649.11	\$2,379,963.90	\$109,715,613.01
Fee	<u>\$6,041,493.68</u>	<u>\$60,323.91</u>	<u>\$6,101,817.59</u>
Total	\$113,377,142.79	\$2,440,287.81	\$115,817,430.60

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200122663	\$2,450,292.10	EA	28/260	72-376-70-30-AS	\$10,000.00	EV
			128/580	72-104-07-05-02	\$4.29	ES
TOTAL	\$2,450,292.10			TOTAL	\$10,004.29	

Net Change	
Obligations	\$2,450,292.10
Deobligations	<u>\$10,004.29</u>
TOTAL	\$2,440,287.81

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 17	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	FACILITY CODE
<input type="checkbox"/> 9A. AMENDMENT OF SOLICITATION NO.	9B. DATED (SEE ITEM 11)
<input checked="" type="checkbox"/> 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)

Net obligation : **\$104,995.80**

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

<input type="checkbox"/>	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.
<input type="checkbox"/>	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).
<input type="checkbox"/>	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
<input checked="" type="checkbox"/>	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 _____ 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 obligate funds on the contract and correct Modification 14.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$109,818,013.31**. 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 26, 2005**.

(b) An additional amount of **\$6,104,413.09** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 16	Obligation This Modification 17	Revised Cumulative Obligation
Total Cost	\$109,715,613.01	\$102,400.30	\$109,818,013.31
Fee	<u>\$6,101,817.59</u>	<u>\$2,595.50</u>	<u>\$6,104,413.09</u>
Total	\$115,817,430.60	\$104,995.80	\$115,922,426.40

PR	Amount	Org
4200124276	\$104,995.80	EA

3. Modification 14 is revised to correct the obligation amounts stated in the modification. A replacement Page 2 is attached to this modification. The changes are described below:

- (a) Paragraph 1, B.4, subparagraph (a), the total amount allotted to the contact is changed from \$19,646,274.43 to \$107,335,649.11. Subparagraph (b), the amount obligated for payment of fee is changed from \$712,292.39 to \$6,041,493.68.
- (b) Paragraph 2, Funding Recapitulation is changed to correct the obligations through Modification 11 and the revised cumulative obligation.

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 **\$107,335,649.11**. 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 23, 2005**.

(b) An additional amount of **\$6,041,493.68** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 11	Obligation This Modification 14	Revised Cumulative Obligation
Total Cost	\$94,212,889.91	\$13,122,759.20	\$107,335,649.11
Fee	<u>\$5,708,876.78</u>	<u>\$332,616.90</u>	<u>\$6,041,493.68</u>
Total	\$99,921,766.69	\$13,455,376.10	\$113,377,142.79

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200121840	\$9,446,409.13	EA	102/10	72-376-70- 10-D5	\$7,000.00	EG
4200122252	\$4,102,609.97	EA	122/820	72-300-10- 40-01	\$86,643.00	EC
TOTAL	\$13,549,019.10			TOTAL	\$93,643.00	
			Net Change Obligations \$13,549,019.10 Deobligations <u>\$93,643.00</u> TOTAL \$13,455,376.10			

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	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) 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)

Net obligation : **\$13,455,376.10**

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

(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) Limitation of Funding 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$19,646,274.43** 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 23, 2005**.

(b) An additional amount of **\$712,292.39** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 11	Obligation This Modification 14	Revised Cumulative Obligation
Total Cost	\$6,523,515.23	\$13,122,759.20	\$19,646,274.43
Fee	<u>\$379,675.49</u>	<u>\$332,616.90</u>	<u>\$712,292.39</u>
Total	\$6,903,190.72	\$13,455,376.10	\$20,358,566.82

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200121840	\$9,446,409.13	EA	102/10	72-376-70-10-05	\$7,000.00	EG
4200122252	\$4,102,609.97	EA	122/820	72-300-10-40-01	\$86,643.00	EC
TOTAL	\$13,549,019.10			TOTAL	\$93,643.00	

Net Change	
Obligations	\$13,549,019.10
Deobligations	<u>\$93,643.00</u>
TOTAL	\$13,455,376.10

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 11	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	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) 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)

Net obligation : **\$6,903,190.72**

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		<hr/> <i>(Signature of Contracting Officer)</i>	

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 **\$94,212,889.91** 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 **August 6, 2005**.

(b) An additional amount of **\$5,708,876.78** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 10	Obligation This Modification 11	Revised Cumulative Obligation
Total Cost	\$87,689,374.68	\$6,523,515.23	\$94,212,889.91
Fee	<u>\$5,329,201.29</u>	<u>\$379,675.49</u>	<u>\$5,708,876.78</u>
Total	\$93,018,575.97	\$6,903,190.72	\$99,921,766.69

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200119065	\$7,599,912.59	EA	122/870	72-131-50-20-22	\$670,106.00	EC
			125/680	72-376-70-10-28	\$26,615.87	ES
TOTAL	\$7,599,912.59			TOTAL	\$696,721.87	

Net Change	
Obligations	\$7,599,912.59
Deobligations	<u>\$696,721.87</u>
TOTAL	\$6,903,190.72

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 10	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE	348M3	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) 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)

Net obligation : **\$23,151,210.08**

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		<hr/> <i>(Signature of Contracting Officer)</i>	

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 **\$87,689,374.68**. 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 28, 2005**.

(b) An additional amount of **\$5,329,201.29** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 7	Obligation This Modification 10	Revised Cumulative Obligation
Total Cost	\$65,811,481.15	\$21,877,893.53	\$87,689,374.68
Fee	<u>\$4,055,884.74</u>	<u>\$1,273,316.55</u>	<u>\$5,329,201.29</u>
Total	\$69,867,365.89	\$23,151,210.08	\$93,018,575.97

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200118026	\$11,765,528.49	EA	103/180	72-337-41- 18-EA	\$56,290.62	ER
4200111769	\$200,000.00	OD				
4200118441	\$11,241,972.21	EA				
TOTAL	\$23,207,500.70				\$56,290.62	

Net Change	
Obligations	\$23,207,500.70
Deobligations	<u>\$56,290.62</u>
TOTAL	\$23,151,210.08

**AMENDMENT OF SOLICITATION/
MODIFICATION OF CONTRACT AMENDMENT OF**

1. CONTRACT ID CODE

PAGE OF PAGES

1 | 2

2. AMENDMENT/MODIFICATION NO.

9

3. EFFECTIVE DATE

See Block 16c

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

BH2/JEI

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

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3

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)

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.(x) (x)**

(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).

X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
FAR 52.243-2, Changes – Cost-Reimbursement (Alt II) (Alt V)

d. OTHER (Specify type of modification and authority)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to amend Section C, Statement of Work, as described on Page 2.

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

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

Susan L. Stefanovic, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

6/30/05

1. The following paragraph is added to Section C, Statement of Work (SOW), Part 2, Indefinite Delivery Indefinite Quantity (IDIQ) Requirements:

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.

2. This change is made at no additional cost to the Government or increase in contract value.

**AMENDMENT OF SOLICITATION/
MODIFICATION OF CONTRACT AMENDMENT OF**

1. CONTRACT ID CODE

PAGE OF PAGES

1 | **3**

2. AMENDMENT/MODIFICATION NO.
8

3. EFFECTIVE DATE
See Block 16c

4. REQUISITION/PURCHASE REQ. NO.

5. PROJECT NO. (If applicable)

6. ISSUED BY CODE

BH2/JEI

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

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Ms. Michele Katz, Business Manager
2224 Bay Area Boulevard, 4E-411
Houston, TX 77058

CODE **348M3**

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)
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;
 - (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) (x)**

(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 3 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 administrative changes to the contract.

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

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

Susan L. Stefanovic, Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA
BY

16C. DATE SIGNED

(Signature of person authorized to sign)

(Signature of Contracting Officer)

1. Section G, Clauses G.4, Submission of Invoices, and G.5, Submission of Vouchers for Payment, are deleted in their entirety and replaced by the following:

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:

LF231/Funding & Commercial Accounting Section
NASA Johnson Space Center
Houston, TX 77058-3696

(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 Lyndon B. Johnson Space Center
Attn: Mail Code BH, ESC Contracting Officer
2101 NASA Parkway
Houston, TX 77058-3696

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)

2. The SF26, Block 12, is revised to correct the mail code from **LF321** to **LF231**.
3. Special Contract Requirement H.11, NFS 1857.232-77, Limitation of Funds, NFS citation is changed from 1857.232-77 to 1852.232-77.
4. Section I.1, FAR 52.222-2, Payment for Overtime Premiums, add "Insert "zero" in paragraph (a)".
5. Section I.1, FAR 52.244-2, Subcontracts -

From:

52.244-2 AUG 1998 SUBCONTRACTS (ALTERNATE I) (AUG 1998)
Insert "none" in paragraph (e)

To:

52.244-2 AUG 1998 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)

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 7	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE	348M3	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) 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)
Net obligation : \$14,969,628.11

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		<hr/> <i>(Signature of Contracting Officer)</i>	

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 **\$65,811,481.15**. 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 15, 2005**.

(b) An additional amount of **\$4,055,884.74** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 6	Obligation This Modification 6	Revised Cumulative Obligation
Total Cost	\$51,665,182.59	\$14,146,298.56	\$65,811,481.15
Fee	<u>\$3,232,555.19</u>	<u>\$823,329.55</u>	<u>\$4,055,884.74</u>
Total	\$54,897,737.78	\$14,969,628.11	\$69,867,365.89

Obligations:			Deobligations:			
PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200114432	\$4,500,000.00	EA	91/70	N/A	\$33,926.67	ES
4200114165	\$1,977,331.50	EB	83/30	72-336-36-01-AC	\$82,282.00	EC
4200114020	\$3,970,545.60	EC	31/60	72-376-70-30-E7	\$66,917.79	ES
4200113578	\$437,000.00	EG				
4200114136	\$501,200.00	EP				
4200114135	\$1,506,149.39	ER				
4200114125	\$1,436,012.16	ES				
4200114070	\$64,928.92	EX				
4200114235	\$356,500.00	EV				
4200114085	\$403,087.00	KA				
TOTAL	\$15,152,754.57				TOTAL	\$183,126.46

Net Change	
Obligations	\$15,152,754.57
Deobligations	<u>\$183,126.46</u>
TOTAL	\$14,969,628.11

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 5	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE 348M3	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) 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)

Net obligation : \$11,796,536.53

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
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

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 **\$39,078,663.91**. 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 **April 28, 2005**.

(b) An additional amount of **\$2,299,719.76** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 4	Obligation This Modification 5	Revised Cumulative Obligation
Total Cost	\$27,858,044.38	\$11,220,619.53	\$39,078,663.91
Fee	<u>\$1,723,802.76</u>	<u>\$575,917.00</u>	<u>\$2,299,719.76</u>
Total	\$29,581,847.14	\$11,796,536.53	\$41,378,383.67

PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200110295	\$548,451.82	EA	23/100	72-376-70-30-TB	\$10,000.00	EA
4200106631	\$790,373.18	EB	23/140	72-377-30-30-TG	\$1.00	EA
4200110316	\$3,113,495.00	EC				
4200101759	\$760,725.00	EG				
4200110332	\$858,320.00	EP				
4200110293	\$834,437.34	ER				
4200110421	\$1,956,194.19	ES				
4200107757	\$1,521,971.00	EV				
4200107142	\$168,100.00	EX				
4200109006	\$200,000.00	EX				
4200103440	\$240,000.00	HA				
4200110362	\$814,470.00	KA				

TOTAL \$11,806,537.53

TOTAL \$10,001.00

Net Change

Obligations **\$11,806,537.53**

Deobligations **\$10,001.00**

TOTAL \$11,796,536.53

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 6	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE	348M3	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) 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)
Net obligation : \$13,519,354.11

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____	16C. DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

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 **\$51,665,182.59**. 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 **May 23, 2005**.

(b) An additional amount of **\$3,232,555.19** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 5	Obligation This Modification 6	Revised Cumulative Obligation
Total Cost	\$39,078,663.91	\$12,586,518.68	\$51,665,182.59
Fee	<u>\$2,299,719.76</u>	<u>\$932,835.43</u>	<u>\$3,232,555.19</u>
Total	\$41,378,383.67	\$13,519,354.11	\$54,897,737.78

Obligations:

Deobligations:

PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200111298	\$1,202,856.25	EB	24/60	N/A	\$750,000.00	EA
4200111007	\$2,801,957.00	EA	62/40	72-335-22-03-AC	\$110,000.00	EG
4200111266	\$4,678,348.00	EC	67/120	N/A	\$59,451.26	ES
4200111087	\$100,000.00	EG	67/130	N/A	\$54,000.00	ES
4200110672	\$383,330.48	EP	67/190	N/A	\$21,700.00	ES
4200111341	\$1,038,381.00	EV	67/200	N/A	\$13,600.00	ES
4200111572	\$249,761.00	ER	59/150	72-477-16-AB	\$250,000.00	EC
4200111371	\$1,074,596.64	ES				
4200111540	\$1,644,450.00	EV				
4200111299	\$154,425.00	KA				
4200111460	\$950,000.00	KA				
4200111330	\$500,000.00	OZ				

TOTAL \$14,778,105.37

TOTAL \$1,258,751.26

Net Change

Obligations **\$14,778,105.37**

Deobligations **\$1,258,751.26**

TOTAL \$13,519,354.11

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 5	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Mr. Paul Spickard, Contracts Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

CODE	348M3	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) 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)

Net obligation : \$11,796,536.53

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

(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) Limitation of Funding Clause (FAR 52.232-22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
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

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 **\$39,078,663.91**. 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 **April 28, 2005**.

(b) An additional amount of **\$2,299,719.76** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 4	Obligation This Modification 5	Revised Cumulative Obligation
Total Cost	\$27,858,044.38	\$11,220,619.53	\$39,078,663.91
Fee	<u>\$1,723,802.76</u>	<u>\$575,917.00</u>	<u>\$2,299,719.76</u>
Total	\$29,581,847.14	\$11,796,536.53	\$41,378,383.67

PR	Amount	Org	PLI/ALI	WBS	Amount	Org
4200110295	\$548,451.82	EA	23/100	72-376-70-30-TB	\$10,000.00	EA
4200106631	\$790,373.18	EB	23/140	72-377-30-30-TG	\$1.00	EA
4200110316	\$3,113,495.00	EC				
4200101759	\$760,725.00	EG				
4200110332	\$858,320.00	EP				
4200110293	\$834,437.34	ER				
4200110421	\$1,956,194.19	ES				
4200107757	\$1,521,971.00	EV				
4200107142	\$168,100.00	EX				
4200109006	\$200,000.00	EX				
4200103440	\$240,000.00	HA				
4200110362	\$814,470.00	KA				

TOTAL \$11,806,537.53

TOTAL \$10,001.00

Net Change

Obligations **\$11,806,537.53**

Deobligations **\$10,001.00**

TOTAL \$11,796,536.53

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 4	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Ms. Michele Katz, Business Manager
2224 Bay Area Boulevard, 4E-411
Houston, TX 77058

CODE	348M3	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) 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)

Net obligation : \$9,589,498.14

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

(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 3 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 obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY	16C. DATE SIGNED
<hr/> <i>(Signature of person authorized to sign)</i>		<hr/> <i>(Signature of Contracting Officer)</i>	

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 **\$27,858,044.38**. 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 **March 25, 2005**.

(b) An additional amount of **\$1,723,802.76** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 2	Obligation This Modification 4	Revised Cumulative Obligation
Total Cost	\$18,725,189.00	\$9,132,855.38	\$27,858,044.38
Fee	<u>\$1,267,160.00</u>	<u>\$456,642.76</u>	<u>\$1,723,802.76</u>
Total	\$19,992,349.00	\$9,589,498.14	\$29,581,847.14

Obligations:

PR	Amount	Org
4200103857	\$55,000.00	EA
4200104780	\$952,496.04	EB
4200104908	\$1,853,438.00	EC
4200104997	\$530,000.00	EG
4200104854	\$1,002,853.00	EP
4200104897	\$1,363,089.00	ER
4200104468	\$627,861.10	ES
4200104876	\$2,038,000.00	EV
4200101952	\$9,400.00	HA
4200104855	\$775,412.00	KA
4200090744	\$381,949.00	MA

TOTAL \$9,589,498.14

1. Purchase Request 4200098948 was listed twice in Modification 2, resulting in overstating the obligated amount by \$1,472,000.00. This modification corrects the error, and reallocates the amounts allotted for cost and fee 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 **\$18,725,189.00**. 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 16, 2004 through **February 28, 2005**.

(b) An additional amount of **\$1,267,160.00** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation is corrected as follows:

	Obligations Thru Modification 1	Corrected Obligation by Modification 2	Corrected Cumulative Obligation
Total Cost	\$1,247,114.00	\$17,478,075.00	\$18,725,189.00
Fee	<u>\$0.00</u>	<u>\$1,267,160.00</u>	<u>\$1,267,160.00</u>
Total	\$1,247,114.00	\$18,745,235.00	\$19,992,349.00

**Corrected
Obligations:**

PR	Amount	Org
4200097912	\$500,000.00	OD
4200098445	\$554,316.00	EG
4200098587	\$679,000.00	MV6
4200098771	\$573,000.00	MA
4200098789	\$3,050,000.00	EB
4200098870	\$5,049,000.00	EC
4200098915	\$3,313,005.00	ER
4200098918	\$45,000.00	OZ
4200098936	\$450,000.00	OZ
4200098948	\$1,472,000.00	EV
4200098949	\$519,201.00	EP
4200099114	\$1,330,000.00	ES
4200099126	\$110,713.00	ER
4200099172	\$1,100,000.00	SX

TOTAL \$18,745,235.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2	
2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE	

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

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

Sverdrup Technology, Inc.
Attn: Ms. Michele Katz, Business Manager
2224 Bay Area Boulevard, Suite 200
Houston, TX 77058

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) December 16, 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 obligation : \$20,217,235.00

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

(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) Limitation of Funding Clause (FAR 52-232.22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this contract modification is to obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)	16C. DATE SIGNED

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 **\$12,967,250.00**. 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 16, 2004 through **February 28, 2005**.

(b) An additional amount of **\$8,497,099.00** is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligations Thru Modification 1	Obligation This Modification 2	Revised Cumulative Obligation
Total Cost	\$1,247,114.00	\$11,720,136.00	\$12,967,250.00
Fee	<u>\$0.00</u>	<u>\$8,497,099.00</u>	<u>\$8,497,099.00</u>
Total	\$1,247,114.00	\$20,217,235.00	\$21,464,349.00

Obligations:

PR	Amount	Org
4200097912	\$500,000.00	OD
4200098445	\$554,316.00	EG
4200098587	\$679,000.00	MV6
4200098771	\$573,000.00	MA
4200098789	\$3,050,000.00	EB
4200098870	\$5,049,000.00	EC
4200098915	\$3,313,005.00	ER
4200098918	\$45,000.00	OZ
4200098936	\$450,000.00	OZ
4200098948	\$1,472,000.00	EV
4200098949	\$519,201.00	EP
4200099114	\$1,330,000.00	ES
4200099126	\$110,713.00	ER
4200099172	\$1,100,000.00	SX
4200099848	\$1,472,000.00	EV

TOTAL \$20,217,235.00

AMENDMENT OF SOLICITATION/ MODIFICATION OF CONTRACT AMENDMENT OF		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO. 1	3. EFFECTIVE DATE See Block 16c	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	BH2/JEI	7. ADMINISTERED BY (If other than Item 6)	CODE

NASA/Johnson Space Center
Attn: BH2/Susan L. Stefanovic
2101 NASA Parkway
Houston, TX 77058

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code)
Sverdrup Technology, Inc.
Attn: Bo Arnold
600 William Northern Blvd.
PO Box 884
Tullahoma, TN 37388-3729

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) December 16, 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 obligation : \$1,247,114

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

(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) Limitation of Funding Clause (FAR 52-232.22)

E. IMPORTANT: Contractor is not, 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.)

The purpose of this contract modification is to: a) administratively correct the contract number in Block 2 of the SF 26, from NNJ04HI05 to NNJ05HI05C; and b) obligate funds on the contract.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Susan L. Stefanovic, Contracting Officer	
15B. CONTRACTOR/OFFEROR <i>(Signature of person authorized to sign)</i>	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA BY <i>(Signature of Contracting Officer)</i>	16C. DATE SIGNED

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 **\$1,247,114**. 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 16, 2004 through **February 1, 2005**.

(b) An additional amount of \$0 is obligated under this contract for payment of fee.

(End of clause)

2. Funding recapitulation:

	Obligation This Modification 1	Cumulative Obligation
Cost	\$1,247,114.00	\$1,247,114.00
Fee	<u>\$0.00</u>	<u>\$0.00</u>
Total	\$1,247,114.00	\$1,247,114.00

Obligations:

PR	Amount	Org
4200092199	\$150,000.00	ER72
4200092200	\$150,000.00	EP72
4200092221	\$100,000.00	E272
4200092224	\$100,000.00	EG72
4200092256	\$105,000.00	EC72
4200092424	\$115,000.00	EB72
4200092428	\$150,000.00	ES72
4200093092	\$167,114.00	EX72
4200093160	\$150,000.00	EV72
4200093162	\$60,000.00	EX72

TOTAL \$1,247,114.00