

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES

1 3

2. AMENDMENT/MOD NO. Hundred-one (101)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200252884	5. PROJECT NO.
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NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE	JAC
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn:Greg Wardlaw P.O. Box 58487 Houston, TX 77258	(9) 9A. AMENDMENT OF SOLICITATION NO	
	<input type="checkbox"/> 9B. DATED (SEE ITEM 11)	
	(10) 10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
CODE	FACILITY CODE	<input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 13) 6/2/03

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

TOTAL OBLIGATED: 64

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

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)  
FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2"

**IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.**

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

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30; (3) reflect a change in NASA's Designated Billing and/or Designated Payment Offices; and (4) Update the Key Personnel Clause H.8 in the contract.  
See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER Ronnee R. Gonzalez, Contracting Officer
15B. CONTRACTOR/OFFEROR  (Electronic Signature Applied)	16B. UNITED STATES OF AMERICA RONNEE GONZALEZ (6/24/2008) (Electronic Signature Applied)
	16C. DATE SIGNED 6/24/08

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. (3) reflect a change in NASA's Designated Billing and/or Designated Payment Offices. (4) Update the Key Personnel Clause H.8 in the contract. Therefore, the contract is modified as follows:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING**  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 b4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through September 30, 2008.

(b) An amount of b4 obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost			
Award Fee		<u>b4</u>	
Total CPAF			\$

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200252884	1	\$
	2	
	3	\$
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
PR Total		

b4

- Standard Form 26, blocks 10 and 12, and Clause 1852.216-87, Submission of Vouchers for Payment, paragraph (i) and (e) are modified to reflect the following change, effective July 1, 2008:

NASA Shared Services Center (NSSC)  
Financial Management Division (FMD)-Accounts Payable  
Bldg. 1111, Road C  
Stennis Space Center, MS 39529

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE		PAGE OF PAGES	
				1	2
2. AMENDMENT/MOD NO. Hundred-Two (102)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200257233		5. PROJECT NO.	
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	CODE	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov		CODE JAC	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258				(9) 9A. AMENDMENT OF SOLICITATION NO	
				<input type="checkbox"/> 9B. DATED (SEE ITEM 11)	
				(10) 10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
CODE	FACILITY CODE	<input checked="" type="checkbox"/>		10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:					
(a) By completing Items 8 and 15, and returning one (1) copy of the amendment;					
(b) By acknowledging receipt of this amendment on each copy of the offer submitted; or					
(c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (if required)					
TOTAL OBLIGATED: <u>6.4</u>					
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2					
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					
The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.					
See Page Two (2).					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER		
			Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Electronic Signature Applied)		VERONICA LLAMAS (7/17/2008)		(Electronic Signature Applied)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105		STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (41 CFR)	

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 BY This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through September 30, 2008.

(b) An amount of BY obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost			
Award Fee			
Total CPAF		\$ <u>BY</u>	

- 2. BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200257233	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
	10.	
	11.	
<b>PR Total</b>		

- 3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 102

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES

1 3

2. AMENDMENT/MOD NO. **Hundred-Three (103)** 3. EFFECTIVE DATE **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. **4200262144** 5. PROJECT NO.

NASA Ames Research Center CODE [ ] 7. ADMINISTERED BY CODE **JAC**  
 Mail Stop 241-1  
 Moffett Field, CA. 94035-1000  
**Veronica Llamas**  
 Phone: 650-604-5626 Fax: 650-604-0932  
 Email: **Veronica.Llamas-1@nasa.gov**

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)  
**Lockheed Martin Mission Sevices**  
**Attn: Greg Wardlaw**  
**P.O. Box 58487**  
**Houston, TX 77258**

(9) 9A. AMENDMENT OF SOLICITATION NO. [ ]  
 9B. DATED (SEE ITEM 11) [ ]

(10) 10A. MOD. OF CONTRACT/ORDER No **NAS2-02090**  
 10B. DATED (SEE ITEM 13) **6/2/03**

CODE [ ] FACILITY CODE [ ]

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

TOTAL OBLIGATED: **B-4**

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

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)  
**FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2"**

**IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.**

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

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.

See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER  
**Jill Willard, Contracting Officer**

15B. CONTRACTOR/OFFEROR 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  
**JILL WILLARD (8/22/2008)**

(Electronic Signature Applied) (Electronic Signature Applied)

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30:

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through November 5, 2008.

(b) An amount of \$ 04 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost	\$ _____	B-4	_____
Award Fee	_____		_____
Total CPAF	\$ _____		_____

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200262144	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
	10.	
	11.	
	12.	
	13.	
	14.	
<b>PR Total</b>		

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 103

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
				1	3
2. AMENDMENT/MOD NO. Hundred-Four (104)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. N/A		5. PROJECT NO	
6. ISSUED BY NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		CODE	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov		CODE JAC
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Services Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258			(9) <input type="checkbox"/>	9A. AMENDMENT OF SOLICITATION NO	
			<input type="checkbox"/>	9B. DATED (SEE ITEM 11)	
			(10) <input type="checkbox"/>	10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
CODE			<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03	
FACILITY CODE					
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning one (1) copy of the amendment. (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required) 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 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) NFS 1852.216-76, Award Fee Service Contracts					
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to establish the Award Fee Earned for Period 10, to adjust the contract value accordingly, and to update the Key Personnel Clause H.8 in the contract. See Page Two (2).					
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA VERONICA LLAMAS (8/27/2008)		16C. DATE SIGNED (Electronic Signature Applied)
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105	STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (48 CFR) 53.243		

1. The purpose of this modification is to (1) establish the award fee earned during the tenth evaluation period from December 1, 2007 through May 31, 2008; (2) adjust the contract value accordingly. (3) The contract value is decreased by          the amount of unearned fee for this period (4) Update the Key Personnel Clause H.8 in the contract. Therefore, the contract is modified as follows:

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST**  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: <u>        </u> Phase-In 2: <u>        </u>	Phase-In 1: \$ <u>        </u> Phase-In 2: \$ <u>        </u>	Phase-In 1: \$ <u>        </u> Phase-In 2: <u>        </u>
Total	<u>        </u>	\$ <u>        </u>	<u>        </u>
P&P-02, Base Period	<u>        </u>	<u>        </u>	<u>        </u>
P&P-03, First Option Period	<u>        </u>	<u>        </u>	<u>        </u>
P&P-04, Second Option Period	<u>        </u>	<u>        </u>	<u>        </u>
Total of each column	<u>        </u>	<u>        </u>	<u>        </u>

2. Upon receipt of this modification, the Cost, Financial Analysis and Payments Branch is authorized to issue payment of the balance remaining based upon the following summary of payments:

Award Fee Available (Period 10):	<u>        </u>
Award Fee Earned (Period 10):	<u>        </u>
Award Fee Unearned (Period 10):	<u>        </u>
Provisional AF Paid (Period 10):	<u>        </u>
Amount Owed for Period 10:	<u>        </u>
<b>BALANCE TO BE PAID UPON RECEIPT OF THIS MODIFICATION:</b>	<u>        </u>

3. Clause H.8, Key Personnel and Facilities (NFS 1852.235-71), is updated to reflect the new personnel and titles as followed:

P&P Site Manager:          *B-4/B-6*  
 Manager of Contract Administration:           
 Business Operations Manager:

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES

1 3

2. AMENDMENT/MOD NO. **Hundred-Five (105)** 3. EFFECTIVE DATE **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. **See Page 2** 5. PROJECT NO.

NASA Ames Research Center CODE 7. ADMINISTERED BY CODE **JAC**  
 Mail Stop 241-1  
 Moffett Field, CA. 94035-1000  
**Veronica Llamas**  
 Phone: 650-604-5626 Fax: 650-604-0932  
 Email: **Veronica.Llamas-1@nasa.gov**

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)  
**Lockheed Martin Mission Sevices**  
**Attn: Greg Wardlaw**  
**P.O. Box 58487**  
**Houston, TX 77258**

(9) 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)

(10) 10A. MOD. OF CONTRACT/ORDER No  
**NAS2-02090**  
 10B. DATED (SEE ITEM 13)  
**6/2/03**

CODE FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

TOTAL OBLIGATED: **B-4**

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

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)  
**FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2"**

**IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.**

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

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.

See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print)  
**Veronica Llamas, Contracting Officer**

15B. CONTRACTOR/OFFEROR  
 (Electronic Signature Applied)

16A. NAME AND TITLE OF CONTRACTING OFFICER  
**Veronica Llamas, Contracting Officer**

16B. UNITED STATES OF AMERICA  
**VERONICA LLAMAS (9/5/2008)**  
 (Electronic Signature Applied)

16C. DATE SIGNED

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

- 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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through November 5, 2008.
- An amount of: B-4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost		B-4	
Award Fee			
Total CPAF			

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200267363	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
4200268635	1.	
	2.	
<b>PR Total</b>		

B-4

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 105

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MOD NO. Hundred-Six (106)		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200269416	5. PROJECT NO.
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	JAC	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO	
CODE			9B. DATED (SEE ITEM 11)	
FACILITY CODE		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
		<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) PR 4200269416 OBLIGATED: <u>BY</u>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (9/30/2008) (Electronic Signature Applied)		16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105		STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (48 CFR)

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through November 7, 2008.

(b) An amount of \$ B-4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost			
Award Fee			
Total CPAF		\$ <u>B-4</u>	

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200269416	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
PR Total		

B-4

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 106

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES	
			1	3
2. AMENDMENT/MOD NO. Hundred-Seven (107)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200271645	5. PROJECT NO.	
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	CODE	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE	JAC
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO	
		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)	
		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
CODE	FACILITY CODE	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) PR 4200271645 OBLIGATED: <u>by</u>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12; SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (10/24/2008) (Electronic Signature Applied)	16C. DATE SIGNED	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105	STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FAR 101-11.6	

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 B4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through November 28, 2008.

(b) An amount of \$ B4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost	\$ _____	<u>B4</u>	_____
Award Fee	_____	_____	_____
Total CPAF	_____	_____	_____

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200271645	1.	<u>B4</u>
	2.	
	3.	
<u>PR Total</u>		

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 107

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES
			1   3
2. AMENDMENT/MOD NO. Hundred-Eight (108)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200275435	5. PROJECT NO.
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	CODE	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE JAC
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn:Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO
		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)
		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090
CODE	FACILITY CODE	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS			
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.			
12. ACCOUNTING AND APPROPRIATION DATA (if required) PR 4200275435 OBLIGATED: <u>BY</u>			
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2			
IMPORTANT: Contractor IS NOT required to sign this document, and return 0 copies to the issuing office.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.  See Page Two (2).			
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER	
		Veronica Llamas, Contracting Officer	
15B. CONTRACTOR/OFFEROR		16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
(Electronic Signature Applied)		VERONICA LLAMAS (11/21/2008)	
		(Electronic Signature Applied)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105	STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (48 CFR)

Section B

B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total	_____	\$ _____	_____
P&P-02, Base Period	_____	_____	\$ _____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through January 2, 2009.

(c) An amount of B-4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost	_____	<u>B-4</u>	_____
Award Fee	_____	_____	_____
Total CPAF	_____	_____	_____

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through January 2, 2009.

(b) An amount of B-4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost			\$
Award Fee		<u>B-4</u>	
Total CPAF			

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200275435	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
<u>PR Total</u>		

B-4

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2



The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING**  
 (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 2, 2009.

(b) An amount of B-4 obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost			
Award Fee		<u>B-4</u>	
Total CPAF			

- 2. BLK 12, SF30, is completed as follows:

<u>PR No.</u>	<u>Item No.</u>	<u>Amount</u>
4200275681	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
	10.	
	11.	
	12.	
	13.	
<u>PR Total</u>		

B-4

- 3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total	_____	\$ _____	_____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 2, 2009.

(b) An amount of B-4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost	_____	_____	_____
Award Fee	_____	_____	_____
Total CPAF	_____	_____	_____

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES

1 3

2. AMENDMENT/MOD NO. **Hundred-Ten (110)**      3. EFFECTIVE DATE **See Block 16C**      4. REQUISITION/PURCHASE REQ. NO. **4200279054**      5. PROJECT NO.

NASA Ames Research Center <sup>CODE</sup>      7. ADMINISTERED BY <sup>CODE</sup> **JAC**  
 Mail Stop 241-1  
 Moffett Field, CA. 94035-1000  
**Veronica Llamas**  
 Phone: 650-604-5626 Fax: 650-604-0932  
 Email: [Veronica.Llamas-1@nasa.gov](mailto:Veronica.Llamas-1@nasa.gov)

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)  
**Lockheed Martin Mission Sevices**  
**Attn:Greg Wardlaw**  
**P.O. Box 58487**  
**Houston, TX 77258**

(9) 9A. AMENDMENT OF SOLICITATION NO.  
 9B. DATED (SEE ITEM 11)  
 (10) 10A. MOD. OF CONTRACT/ORDER No **NAS2-02090**  
 10B. DATED (SEE ITEM 13) **6/2/03**

CODE      FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;  
 (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
**OBLIGATED:** *[Signature]*

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

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)  
**FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2"**

**IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.**

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

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.  
 See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print)      16A. NAME AND TITLE OF CONTRACTING OFFICER  
**Veronica Llamas, Contracting Officer**  
 15B. CONTRACTOR/OFFEROR      16B. UNITED STATES OF AMERICA      16C. DATE SIGNED  
**VERONICA LLAMAS (1/22/2009)**  
*(Electronic Signature Applied)*      *(Electronic Signature Applied)*

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

- (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 B.4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 20, 2009.
- (b) An amount of B.4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost			
Award Fee		<u>B.4</u>	
Total CPAF			

- 2. BLK 12, SF30, is completed as follows:

<u>PR No.</u>	<u>Item No.</u>	<u>Amount</u>
4200279054	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
<u>PR Total</u>		

B.4

- 3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 110

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total	_____	_____	_____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

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 B4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 20, 2009.

(b) An amount of B4 is obligated under this contract for payment of fee.

Estimated Cost  
Award Fee  
Total CPAF

FROM	BY	TO
_____	_____	_____

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES

1 3

2. AMENDMENT/MOD NO. **Hundred-Eleven (111)** 3. EFFECTIVE DATE **See Block 16C** 4. REQUISITION/PURCHASE REQ. NO. **4200281279** 5. PROJECT NO.

NASA Ames Research Center CODE 7. ADMINISTERED BY CODE **JAC**  
 Mail Stop 241-1  
 Moffett Field, CA. 94035-1000  
**Veronica Llamas**  
 Phone: 650-604-5626 Fax: 650-604-0932  
 Email: Veronica.Llamas-1@nasa.gov

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code)  
**Lockheed Martin Mission Services**  
**Attn: Greg Wardlaw**  
**P.O. Box 58487**  
**Houston, TX 77258**

(9) 9A. AMENDMENT OF SOLICITATION NO  
 9B. DATED (SEE ITEM 11)

(10) 10A. MOD. OF CONTRACT/ORDER No  
**NAS2-02090**  
 10B. DATED (SEE ITEM 13)  
**6/2/03**

CODE FACILITY CODE

**11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS**

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

- (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;
- (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or
- (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

OBLIGATED: *[Signature]*

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

- A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
- B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
- C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
- D. OTHER (Specify type of modification and authority)  
**FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2"**

IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.

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

The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.

See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER  
**Veronica Llamas, Contracting Officer**

15B. CONTRACTOR/OFFEROR 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED  
*(Electronic Signature Applied)* **VERONICA LLAMAS (1/27/2009)**  
*(Electronic Signature Applied)*

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 30, 2009.

(b) An amount of B-4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost			
Award Fee		<u>B-4</u>	
Total CPAF			

2. BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200281279	1.	
	2.	
	3.	
PR Total		<u>B-4</u>

3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 111

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852. 216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____ Phase-In 2: _____	Phase-In 1: \$ _____ Phase-In 2: \$ _____	Phase-In 1: _____ Phase-In 2: _____
Total	_____	_____	_____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 2.4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through March 30, 2009.

(b) An amount of 2.4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost	_____	_____	_____
Award Fee	_____	_____	_____
Total CPAF	_____	_____	_____

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MOD NO. Hundred-Twelve (112)		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200281835	1   3
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	5. PROJECT NO. JAC	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258			(9) 9A. AMENDMENT OF SOLICITATION NO. <input type="checkbox"/> 9B. DATED (SEE ITEM 11)	(10) 10A. MOD. OF CONTRACT/ORDER No NAS2-02090
CODE	FACILITY CODE		<input checked="" type="checkbox"/> 10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) OBLIGATED: <u>by</u>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)		16B. UNITED STATES OF AMERICA <i>Veronica Llamas</i> (Signature Of Contracting Officer)	16C. DATE SIGNED 2/09/04	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105	STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (41 CFR)	

The purpose of this modification is to: (1) obligate funds to the contract; and (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through April 17, 2009.

(b) An amount of: B-4 obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost		<u>B-4</u>	
Award Fee			
Total CPAF			

- 2. BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200281835	1.	
	2.	
	3.	
<u>PR Total</u>		<u>B-4</u>

- 3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 112

Section B

B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: \$ _____ Phase-In 2: _____	Phase-In 1: \$ _____ Phase-In 2: \$ _____	Phase-In 1: _____ Phase-In 2: _____
Total	\$ _____	\$ _____	\$ _____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 BY This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through April 17, 2009.

(c) An amount of BY obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost	\$ _____	_____	\$ _____
Award Fee	\$ _____	_____	\$ _____
Total CPAF	\$ _____	_____	\$ _____

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES	
			1	3
2. AMENDMENT/MOD NO. Hundred-Thirteen (113)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200282895	5. PROJECT NO.	
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	CODE	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE	JAC
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn:Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO	
			9B. DATED (SEE ITEM 11)	
		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
CODE	FACILITY CODE	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) OBLIGATED: <u>by</u>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate and de-obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (2/23/2009) (Electronic Signature Applied)		16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105		STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (48 CFR)

The purpose of this modification is to: (1) obligate and de-obligate funds to the contract (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through April 22, 2009.

(b) An amount of \$ B-4 obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost (De-Obligation)			
Award Fee			
Total CPAF			9

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200282895	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
<u>PR Total</u>		
4200275435	1.	
<u>PR Total</u>		

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total	_____	\$ _____	_____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 BY. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through April 22, 2009.

(b) An amount of BY is obligated under this contract for payment of fee.

Estimated Cost (De-Obligation)	\$	<u>FROM</u>	<u>BY</u>	<u>TO</u>	\$
Award Fee			<u>BY</u>		
Total CPAF					\$

**AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT**

CONTRACT ID CODE PAGE OF PAGES  
 1 3

2. AMENDMENT/MOD NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO  
 Hundred-Fourteen (114) See Block 16C N/A

NASA Ames Research Center CODE 7. ADMINISTERED BY CODE JAC  
 Mail Stop 241-1 Veronica Llamas  
 Moffett Field, CA. 94035-1000 Phone: 650-604-5626 Fax: 650-604-0932  
 Email: Veronica.Llamas-1@nasa.gov

8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) (9) 9A. AMENDMENT OF SOLICITATION NO.  
 Lockheed Martin Mission Sevices  
 Attn:Greg Wardlaw  
 P.O. Box 58487  
 Houston, TX 77258  
 9B. DATED (SEE ITEM 11)

CODE FACILITY CODE (10) 10A. MOD. OF CONTRACT/ORDER No  
 X 10B. DATED (SEE ITEM 13)  
 6/2/03

11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS  
 The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  
 (a) By completing Items 8 and 15, and returning one (1) copy of the amendment;  
 (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or  
 (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (if required)  
 N/A

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

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

IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.  
 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  
 The purpose of this modification is to establish the Award Fee earned for Period 11 and to adjust the contract value accordingly in the contract.  
 See Page Two (2).

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

15A. NAME AND TITLE OF SIGNER (Type or print)	16A. NAME AND TITLE OF CONTRACTING OFFICER Verónica Llamas, Contracting Officer	
15B. CONTRACTOR/OFFEROR  (Electronic Signature Applied)	16B. UNITED STATES OF AMERICA VERONICA LLAMAS (3/3/2009) (Electronic Signature Applied)	16C. DATE SIGNED

1. The purpose of this modification is to (1) establish the award fee earned during the eleventh evaluation period from June 1, 2008 through November 30 2008; (2) adjust the contract value accordingly. (3) The contract value is decreased by ( *BY* ) the amount of unearned fee for this period. Therefore, the contract is modified as follows:

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852. 216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: \$ _____
Total		\$ _____	\$ _____
P&P-02, Base Period			
P&P-03, First Option Period			
P&P-04, Second Option Period			\$ _____
Total of each column			

2. Upon receipt of this modification, the Cost, Financial Analysis and Payments Branch is authorized to issue payment of the balance remaining based upon the following summary of payments:

Award Fee Available (Period 11):		
Award Fee Earned (Period 11):		
Award Fee Unearned (Period 11):		
Provisional AF Paid (Period 11):		
Amount Owed for Period 11:		
<b>BALANCE TO BE PAID UPON RECEIPT OF THIS MODIFICATION:</b>		\$ _____

4. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification 114

Section B

B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852. 216-81) (DEC 1988) (ARC Modified JUL 1999)

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total		\$ _____	
P&P-02, Base Period	\$ _____		
P&P-03, First Option Period			
P&P-04, Second Option Period		\$ _____	
Total of each column			

(End of Clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MOD NO. Hundred-Fifteen (115)		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200283749	5. PROJECT NO. 1 3
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE JAC	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO	
CODE		<input type="checkbox"/>	9B. DATED (SEE ITEM 11)	
FACILITY CODE		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090	
		<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) OBLIGATED: <u>B4</u>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate and de-obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (3/20/2009) (Electronic Signature Applied)		16C. DATE SIGNED
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105		STANDARD FORM 30 (REV. 10-85) ES Prescribed by GSA FPMR (41 CFR)

The purpose of this modification is to: (1) obligate and de-obligate funds to the contract (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B-4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through May 27, 2009.

(b) An amount of \$ B-4 obligated under this contract for payment of fee.

Estimated Cost  
(De-Obligation)  
Award Fee  
Total CPAF

FROM

B-4 BY

TO

\$ \_\_\_\_\_  
\$ \_\_\_\_\_

- BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200283749	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	
	9.	
	10.	
	11.	
4200275681	1.	
<u>PR Total</u>		

- As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 115

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852. 216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: \$ _____	Phase-In 1: \$ _____	Phase-In 1: \$ _____
	Phase-In 2: \$ _____	Phase-In 2: \$ _____	Phase-In 2: \$ _____
Total		\$ _____	\$ _____
P&P-02, Base Period	\$ _____		\$ _____
P&P-03, First Option Period			
P&P-04, Second Option Period	\$ _____		
Total of each column	\$ _____		

(End of Clause)

2. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 15.4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through May 27, 2009.

(c) An amount of \$ 6.4 obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost (De-Obligation)	_____	<u>15.4</u>	\$ _____
Award Fee	_____		_____
Total CPAF	_____		\$ _____

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE		PAGE OF PAGES	
				1	3
2. AMENDMENT/MOD NO. Hundred-Sixteen (116)	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200288021	5. PROJECT NO.		
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000	7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov	CODE JAC			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn: Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9)	9A. AMENDMENT OF SOLICITATION NO		
			9B. DATED (SEE ITEM 11)		
		(10)	10A. MOD. OF CONTRACT/ORDER No NAS2-02090		
CODE	FACILITY CODE	<input checked="" type="checkbox"/>	10B. DATED (SEE ITEM 13) 6/2/03		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:  (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (if required) OBLIGATED: <u>by</u>					
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2					
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30.  See Page Two (2).					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER		
			Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR  (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (3/25/2009) (Electronic Signature Applied)		16C. DATE SIGNED	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-105		STANDARD FORM 30 (REV. 10-83) ES Prescribed by GSA FPMR (41 CFR)	

The purpose of this modification is to: (1) obligate and de-obligate funds to the contract (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B-4 this allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through May 29, 2009.

(b) An amount of \$ B-4 is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost (De-Obligation)			\$ <u>( )</u>
Award Fee		<u>B-4</u>	\$ <u>( )</u>
Total CPAF		\$ <u>( )</u>	\$ <u>( )</u>

3. Total Estimasted Cost is B-4 (due to the de-obligation in Mod 113 and 115)

4. BLK 12, SF30, is completed as follows:

PR No.	Item No.	Amount
4200288021	1.	<u>B-4</u>
PR Total		

5. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 116

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852. 216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____ Phase-In 2: \$ _____	Phase-In 1: \$ _____ Phase-In 2: \$ _____	Phase-In 1: \$ _____ Phase-In 2: _____
Total	_____	\$ _____	_____
P&P-02, Base Period	\$ _____		
P&P-03, First Option Period	_____	<i>by</i>	\$ _____
P&P-04, Second Option Period	_____		\$ _____
Total of each column	_____	\$ _____	_____

(End of Clause)

4. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ 1.4M. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through May 27, 2009.

(b) An amount of \$: 1.4M \$ obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost (De-Obligation)	_____	<i>[Signature]</i>	_____
Award Fee	_____		_____
Total CPAF	_____		_____



The purpose of this modification is to: (1) obligate and de-obligate funds to the contract (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING**  
 (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)

(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 \$ BY. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through June 30, 2009.

(b) An amount of BY is obligated under this contract for payment of fee.

	FROM	BY	TO
Estimated Cost (De-Obligation)	\$ _____	\$ _____	\$ _____
Award Fee	_____	<u>BY</u>	_____
Total CPAF	_____	_____	\$ _____

2. BLK 12, SF30, is completed as follows:

PR No. /	Amount
4200290567	_____
4200287005	_____
4200281835	_____
PR Total	_____

BY

3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 117

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: \$ _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: \$ _____
Total	\$ _____	\$ _____	\$ _____
P&P-02, Base Period	_____	_____	_____
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

4. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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: 12.4 This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through June 30, 2009.

(b) An amount of \$ 6.4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost (De-Obligation)	\$ _____	<u>B-2</u>	\$ _____
Award Fee	_____		_____
Total CPAF	\$ _____		\$ _____

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MOD NO. Hundred-Eighteen (118)		3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE REQ. NO. 4200292036	5. PROJECT NO. 1   3
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		7. ADMINISTERED BY Veronica Llamas Phone: 650-604-5626 Fax: 650-604-0932 Email: Veronica.Llamas-1@nasa.gov		JAC
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code) Lockheed Martin Mission Sevices Attn:Greg Wardlaw P.O. Box 58487 Houston, TX 77258		(9) 9A. AMENDMENT OF SOLICITATION NO		
CODE		FACILITY CODE		(10) 10A. MOD. OF CONTRACT/ORDER No NAS2-02090
				(10B) DATED (SEE ITEM 13) 6/2/03
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers (IS OR IS NOT) extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. ACCOUNTING AND APPROPRIATION DATA (if required) OBLIGATED <i>by</i>				
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) FAR 52.232-22, "Limitation of Funds-As Modified by NFS 1832.705-2				
IMPORTANT: Contractor IS NOT required to sign this document and return 0 copies to the issuing office.				
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to: (1) obligate funds to the contract; (2) indicate the accounting and appropriation data for Blk 12, SF 30. See Page Two (2).				
Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Veronica Llamas, Contracting Officer		
15B. CONTRACTOR/OFFEROR (Electronic Signature Applied)		16B. UNITED STATES OF AMERICA VERONICA LLAMAS (4/24/2009) (Electronic Signature Applied)	16C. DATE SIGNED	

The purpose of this modification is to: (1) obligate and de-obligate funds to the contract (2) indicate the accounting and appropriation data for Blk 12, SF 30.

As a result of the above, the following change is made to the contract:

- 1. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ B4. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through June 30, 2009.

(b) An amount of \$ B4 is obligated under this contract for payment of fee.

	<u>FROM</u>	<u>BY</u>	<u>TO</u>
Estimated Cost (De-Obligation)		<u>B4</u>	
Award Fee			
Total CPAF			

- 2. BLK 12, SF30, is completed as follows:

<u>PR No.</u>	<u>Amount</u>
4200292036	<u>B4</u>
<u>PR Total</u>	

- 3. As a result of the above, the following change pages are provided. You are instructed to omit and replace as follows:

OMIT  
B-2

REPLACE WITH ATTACHED  
B-2

End of Modification No. 118

Section B

**B.2 PROGRAMS AND PROJECTS (P&P) SERVICES ESTIMATED COST  
(NFS 1852.216-81) (DEC 1988) (ARC Modified JUL 1999)**

(a) The total estimated cost of the Programs and Projects Services (P&P) contract is (amounts are rounded):

Contract Line Item No.	Estimated Cost	Award Fee	Total Est Cost & Fee
P&P-01, Phase-In Period	Phase-In 1: _____	Phase-In 1: \$ _____	Phase-In 1: \$ _____
	Phase-In 2: _____	Phase-In 2: \$ _____	Phase-In 2: _____
Total	_____	\$ _____	_____
P&P-02, Base Period	_____	_____	_____ 3
P&P-03, First Option Period	_____	_____	_____
P&P-04, Second Option Period	_____	_____	_____
Total of each column	_____	_____	_____

(End of Clause)

4. ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:

**B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING  
(NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)**

(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 \$ By. This allotment is for the P&P contract and covers the following estimated period of performance: From effective date of contract through June 30, 2009.

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

	FROM	BY	TO
Estimated Cost (De-Obligation)	_____	_____	_____
Award Fee	_____	_____	_____
Total CPAF	_____	_____	_____