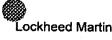
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Mod 101

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:

- 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 $\frac{1}{2}$. 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 bligated under this contract for payment of fee.

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3. 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

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Lockheed Martin



Mod 102

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 _______h. _____ 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 47 ligated under this contract for payment of fee.

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

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

PR No.	Item No.	Amount
4200257233	1.	
	2.	
	3.	· · /
	4.	
	5.	
	6.	
	7.	$-\cdot \times$
	8.	
	9.	
	10.	
	11.	
PR Total		

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

<u>OMIT</u> B-2 REPLACE WITH ATTACHED B-2

AMENDMENT OF SC		N/MODIFIC		DF		CONTRACT I	CODE	PAGE OF	PAG
2. AMENDMENT/MOD NO.			1					1	3
Hundred-Three (103)		lock 16C	4. REQU	l (ł	CHASE REQ.	NO.	5. PROJE	CT N
		IOCK TOC	7 ADMIN	42 IISTERED		2144			
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-100		· · · · · · · · · · · · · · · · · · ·	Veronic Phone: (a Llama 550-604	s -5626	5 Fax: 650-6	CODE 04-093	JA 2	<u> </u>
3. NAME AND ADDRESS OF CONTI	RACTOR (No. SI	treet. County S	Email:	Veronic	a Lla	mas-1@nasa	.gov		
Lockheed Martin Mission Sev Attn:Greg Wardlaw	ices				(9)	9A. AMENDM			
P.O. Box 58487		÷				9B. DATED (S	SEE ITEI	И 11)	
Houston, TX 77258			. :		(10)	10A. MOD. OF	CONTR AS2-0		DERI
CODE		FACILITY COD	DE	· · · · ·		10B. DATED (
· · · · · · · · · · · · · · · · · · ·				. 1			6/2/0		
1 The above numbered solicitation is ameno Differs must acknowledge receipt of this an	1. THIS ITEM O	NLY APPLIES	TO AMEN	DMENTS	OFSC	LICITATIONS	• ••		*****
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Mod 103

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 = /_____. 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 $\frac{b}{1}$ is obligated under this contract for payment of fee.

	FROM	BY	ТО
Estimated Cost	\$		
Award Fee	And the second s	- hr	and the second s
Total CPAF	\$		A.
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2. BLK 12, SF30, is completed as follows:

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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

AMENDMENT OF SOLIC	CITATION/MODIFIC		F	1. 0	CONTRACT I D CODE	PAGE OF PAGE
2. AMENDMENT/MOD NO.	3. EFFECTIVE DATE	4. REQU	ISITION/I	PURC	CHASE REQ. NO.	5. PROJECT NO
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he above numbered solicitation is amended a	s set forth in item 14. The h	we and date on	bailing for a	-		ortondad
nethods:	ment prior to the hour and de	ate specified in	the solicitat	ion or	as amended, by one of th	e following
(a) By completing Items 8 and 15, and retur	ming one (1) copy of the ame	endment		1		
(b) By acknowledging receipt of this amend (c) By separate letter or telegram which incl	ment on each copy of the off ludes a reference to the solid	er submitted; o	r andment nu	mbers	FAILURE OF YOUR	
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D. OTHER (Specify type of modification e	nd authority)			<u>.</u>		······································
NFS 1852.216-76, Award Fee	Service Contracts			Ĵ.		
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A. NAME AND TITLE OF SIGNER (Typ	e or print)				CONTRACTING OFF	ICER
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Lockheed Martin



Mod 104

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 for the amount of uncarned 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:	Phase-In 1: \$	Phase-In 1: \$
	Phase-In 2:	Phase-In 2: \$	Phase-In 2:
Total		\$ AA	
P&P-02, Base Period		WH -	······································
P&P-03, First Option Period	4		
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 10):	
Award Fee Earned (Period 10):	
Award Fee Unearned (Period 10):	be
Provisional AF Paid (Period 10):	
Amount Owed for Period 10:	
BALANCE TO BE PAID UPON	
RECEIPT OF THIS MODIFICATION:	· · · · · · · · · · · · · · · · · · ·

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: Manager of Contract Administration: Business Operations Manager: 1

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Lockheed Martin



Mod 105

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 BA 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: 4 is obligated under this contract for payment of fee.

	FROM	BY		TO
Estimated Cost	· · · · · · · · · · · · · · · · · · ·		\$	
Award Fee	ا د		<u>ن</u> ـــم	1
Total CPAF				· · · · · · · · · · · · · · · · · · ·

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

<u>PR No.</u>	Item No.	Amount
4200267363	1.	
	2.	
	3.	
	4.	
	5.	· · · · · · · · · · · · · · · · · · ·
	6.	
	7.	
	8.	
	9.	0
4200268635	1.	
	2.	<u></u>
PR Total		

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

AMENDMENT OF SOLI 2. AMENDMENT/MOD NO. Hundred-Six (106) NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000 8. NAME AND ADDRESS OF CONTRAC Lockheed Martin Mission Sevice Attn:Greg Wardlaw P.O. Box 58487	DNTRACT 3. EFFECTIVE DATE See Block 16C	4. REQI	UISITION	PURC 00269	ONTRACT I D CODE HASE REQ. NO. 9416	PAGE OF PAG
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Moffett Field, CA. 94035-1000 B. NAME AND ADDRESS OF CONTRAC Lockheed Martin Mission Sevice Attn:Greg Wardlaw			the I toma		CODE	JAC
3. NAME AND ADDRESS OF CONTRAC Lockheed Martin Mission Sevice Attn:Greg Wardlaw					Fax: 650-604-09	37
Lockheed Martin Mission Sevice Attn:Greg Wardlaw		Email:	Veronic	a.Llan	nas-1@nasa.gov	32
Attn:Greg Wardlaw		State and 2	ZIP Code)		9A. AMENDMENT OI	F SOLICITATIO
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Houston, TX 77258	· ·	•.				
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CODE			l		NAS2-0	
	FACILITY COL	DE ·		X	10B. DATED (SEE IT	-
			-	<u> </u>	6/2/0	J3
he above numbered solicitation is amended in	THIS ITEM ONLY APPLIES	TO AMEN	DMENTS	OF SO	LICITATIONS	
SPECIFIED MAY RESULT IN REJECTION change may be made by telegram or letter prior to the opening hour and date specifie ACCOUNTING AND APPROPRIATIO R 4200269416 OBLIGATED:	d. IN DATA (if required)				ration and this amendma	ent, and is receive
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B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS MODIFIED TO F	REFLECT		TRATI	VE CHANGES (such as	ohanges in southe
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C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSU	ANT TO ALL	TUODITY			
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D. OTHER (Specify type of modification			· · ·	!	· · · · · · · · · · · · · · · · · · ·	
FAR 52.232-22, "Limitation o	f Funds-As Modified b	y NFS 1	832.705-	2		
IMPORTANT: Contractor	IS NOT required to sign this	s documen	t and return	n 0 cop	ies to the issuing offic	
. DESCRIPTION OF AMENDMENT/MC atter where feasible.)	DIFICATION (Organized by	UCF sect	ion headin	gs, incl	uding solicitation/cont	tract subject
the purpose of this modification is			4	•	· ·	·
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	See Page Tw	/0 (2).	;			
		- 	1			
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					, -	
	pe or print)	16A. NAMI			CONTRACTING OFF	ICER
A. NAME AND TITLE OF SIGNER (Type	be or print) 1	16A. NAMI Veronica	E AND TIT Llamas,	Contr	CONTRACTING OFF acting Officer	
cept as provided herein, all terms and co changed and in full force and effect. A. NAME AND TITLE OF SIGNER (Type B. CONTRACTOR/OFFEROR	De or print) 1	16A. NAMI Veronica 16B. UNITE		Contr S OF A	CONTRACTING OFF acting Officer MERICA 16C.	ICER DATE SIGNED
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Mod 106

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 \$______ 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 \$______s obligated under this contract for payment of fee.

	FROM	BY	то
Estimated Cost		A	7 \$417
Award Fee			
Total CPAF		s 12-1-	

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

OMIT

B-2

<u>PR No.</u>	Item No.	Amount
4200269416	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
PR Total		

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

REPLACE WITH ATTACHED B-2

AMENDMENT OF SOLIG ATION/MODIFICATION OF CONTRACT CONTRACT I D CODE 2. AMENDMENT/MOD NO. Hundred-Seven (107) 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 4200271645 NASA Ames Research Cent Mill Stop 241: Moffett Field, CA. 94035-1000 7. ADMINISTERED BY Veronica Llamas Code Moffett Field, CA. 94035-1000 Email: Veronica Llamas Code Moffett Field, CA. 94035-1000 Email: Veronica Llamas Gold Administered Sole 604-6626 Attn:Greg Wardlaw Pone: 50-604-5626 Fax: 650-604-0932 Lockheed Martin Mission Sevices Attn:Greg Wardlaw 98. DATED (SEE TEM (10) P.O. Box 58487 98. DATED (SEE TEM (10) 98. DATED (SEE TEM (20) Mosten numbered solicitation is smended as set forth in Nem 14. The hour and date specified of the solicitation or as amended, by one of the second advented ging recept of this amendment prior to the nour and date specified of the solicitation or as amended, by one of the solicitation or as amended, by one of the amendment prior to the nour and date specified of the solicitation or as amended, by one of the amendment prior to the nour and date specified of the solicitation or as amended, by one of the amendment prior to the nour and date specified of the solicitation or as amended, by one of the amendment prior to the offer homendication and the amendment prior to the offer	
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A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFIC	
Veronica Llamas, Contracting Officer	
B. CONTRACTOR/OFFEROR 16B. UNITED STATES OF AMERICA 16C. D	ATE SIGNED
(Electronic Signature Applied) VERONICA LLAMAS (10/24/2008) (Electronic Signature Applied)	
	ARD FORM 30 (REV.
EVIDUS EDITION UNUSABLE Presorbad by	10-83) ES

"Lockheed Martin

Mod 107

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 November 28, 2008.

(b) An amount of $1 + \frac{1}{2}$ is obligated under this contract for payment of fee.

Estimated Cost Award Fee Total CPAF	
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2. BLK 12, SF30, is completed as follows:

<u>PR No.</u>	Item No.	Amount	
4200271645	1.		
·	2.		
	3.	N. 22	<u>i</u>
PR Total		- du s	1

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

Hundred-Eight (108) See Block 16C 4200275435 NASA Ames Research CentROPE T. ADMINISTERED BY CODE Mail Stop 241-1 Veronica Llamas CODE Moffett Field, CA. 94035-1000 Email: Veronica Llamas Phone: 650-604-5526 Fax: 650-604-0932 B. NAME AND ADDRESS OF CONTRACTOR (No. Street, County, State and ZIP Code): (9) B. AMENDMENT OF Lockheed Martin Mission Sevices Attn: Greg Wardlaw 98. DATED (SEE TEM PO. Box 58487 99. DATED (SEE TEM Houston, TX 77258 (10) 10A. MOD. OF CONTR CODE FACILITY CODE 10B. DATED (SEE TEM Fe above numbered solicition is amended as set forh In Item 14. The hour and date specified for leasing 10 Gregs (S OF IS NOT) NAS2-02 The show numbered solicition is a mended as set forh In Item 14. The hour and date specified for leasing 10 Gregs (S OF IS NOT) NAS2-02 Fore must achoned as the and relaming one to us hour and date specified for leasing to Gregs (S OF IS NOT) NAS2-02 Fore set at the or bindgram which induces a mendeation an amendmant numbers. FAILURE OF YOUR Secontranstructure which induces a mendeation or as amendeat, by one of the amendmant numbers. FAILURE OF YOUR G 9 completing tems 8 and featuring one interact of the solicitation and amendmant numbers. FAILURE OF YOUR Secontranstructure of the nour and date specified in the solicitation		· ·	•					·** •	÷	
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Mod 108

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
Total	Phase-In 2:	Phase-In 2: \$	Phase-In 2:
P&P-02, Base Period			<u> </u>
P&P-03, First Option Period		BY	
P&P-04, Second Option Period	j		
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 ______ Eq. ____ 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.

	FROM BY	TO
Estimated Cost Award Fee		
Total CPAF	1	To for the second second

B-2

Modification 108 Last Changed by: Modification 107

Lockheed Martin



Mod 108

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 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.

	FROM	BY	. ТО
Estimated Cost	***		\$.
Award Fee		. March	
Total CPAF	يو در مربو سويونيند اله ومناسب موجود در در برد ويو. مو در مربو المربو	L. K.	

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

PR No.	Item No.	Amount
4200275435	1.	
	2.	
	3.	
	4.	1
· · ·	5.	M
	6.	
	7.	
	8.	The second se
	9.	
PR Total	1	

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

	•					,		
		•						
AMENDMENT OF SOL	LIC ATION/MODIFI	CATION)F		CONTRACT	D CODE	PAGE	OF P
2. AMENDMENT/MOD NO.	3. EFFECTIVE DATE	4 REOL	ISITION		CHASE REQ			
Hundred-Nine (109)	See Block 16C		4	1	CHASE REQ	. NO.	5. PR	OJECT
ASA Ames Research Center			ISTERED	1	1800		ļ	
NASA Ames Research Center Mail Stop 241-1 Moffett Field, CA. 94035-1000		Veronic Phone: (a Llamas 550-604-	5626	5 Fax: 650-6	CODE 504-093	L	JAC
NAME AND ADDRESS OF CONTRA		Email	Voronia	. Т Т.,	mas-1@nasa	a.gov		
Lockheed Martin Mission Sevic	ces	, State and Z	IP Code)	(9)	9A. AMENDA			CITATI
.O. Box 58487				 	9B. DATED (SEE ITE	M 11)	
louston, TX 77258				(10)	10A. MOD. O			ORDEF
ODE	FACILITY CO					AS2-0		
				X	10B. DATED	SEE ITE) 6/2/0		
11.	THIS ITEM ONLY APPLIE		MENTS					
e above numbered solicitation is amende fers must acknowledge receipt of this ame athods:	d an ant family in lines of the state		the second s)	
(c) By senarate letter or telegrom which	Includes a second copy of the of	ter submitted; (or i	ę				
(a) By completing items 8 and 15, and ro (b) By acknowledging receipt of this ame (c) By separate letter or telegram which ACKNOWLEDGMENT TO BE RECEIVE SPECIFIED MAY RESULT IN REJECTI change may be made by telegram or lett prior to the opening hour and date specif	neu.	ter submitted; a citation and am ED FOR THE true of this ame etter makes ref	endment nu RECEIPT C endment you erence to th	umbers F OFI u desili te soli	s. FAILURE OF FERS PRIOR TO re to change an o citation and this a	YOUR O THE HO offer alrea amendme	OUR AN Idy subr Int, and	D DATE nitted, s is receiv
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Lockheed Martin



Mod 109

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 ______. 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-q bligated under this contract for payment of fee.

	FROM	BY	то
Estimated Cost	· · · · · · · · · · · · · · · · · · ·	(6 d 11
Award Fee		-b-1	
Total CPAF	1		
		1	

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

PR No.	Item No.	Amount
4200275681	1.	Viewers million and process
	2.	
	3.	
	4.	
	5.	
	6.	
	7.	
	8.	$\neg \uparrow$ λ $\neg \neg$
	9.	
	10.	
	11.	-
	12.	
	13.	
PR Total		·

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

B-2

OMIT B-2 **REPLACE WITH ATTACHED**



Mod 109

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
Total	Phase-In 2	Phase-In 2: \$		Phase-In 2:
P&P-02, Base Period			di	·
P&P-03, First Option Period		- PC		
P&P-04, Second Option Period		/		
Total of each column				· · · · · · · · · · · · · · · · · · ·
lotal 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 <u>for the P&P</u> contract and covers the following estimated period of performance: From effective date of contract through March 2, 2009.
 - (b) An amount of ______ is obligated under this contract for payment of fee.

FROM TO Estimated Cost Award Fee **Total CPAF**

B-2

Modification 109 Last Changed by: Modification 108

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Lockheed Martin

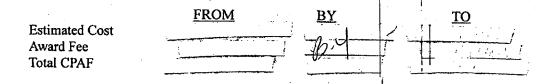


Mod 110

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. G. 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 4-4 is obligated under this contract for payment of fee.



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

PR No.	Item No.	Amount
4200279054	1.	
	2.	
	3.	
	4.	
	5.	
	6.	
·.	7.	
	8.	
	9.	
PR Total		

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





Mod 110

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):		<u> </u>	
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			<u> </u>
P&P-02, Base Period	1	DJ J	
P&P-03, First Option Period			La Crester
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 ______. 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 $f_{\mathcal{T}}$ is obligated under this contract for payment of fee.

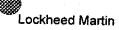
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Modification 110 Last Changed by: Modification 109

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Mod 111

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 _______. 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 $\beta \frac{1}{2}$ is obligated under this contract for payment of fee.

	FROM BY TO
Estimated Cost	
Award Fee	The second secon
Total CPAF	

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

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

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

End of Modification No. 111

B-2



Mod 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 I: \$	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)

- 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 _______ 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 '______/is obligated under this contract for payment of fee.

Estimated Cost Award Fee Total CPAF	 FROM	<u>B</u>)		IO
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Modification 111 Last Changed by: Modification 110

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Attn:Greg Wardlaw					9B. DATED (SE	E ITEI	M 11)	
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11.	THIS ITEM ONLY APP	LIES TO AMEN	IDMENTS C	F SO	LICITATIONS			
he above numbered solicitation is amended ffers must acknowledge receipt of this amer ethods:	as set forth in Item 14. Th	he hour and date	specified for	receipt	of Offers (IS OR	IS NOT) extende	ed.
(b) By acknowledging receipt of this amer (c) By separate letter or telegram which ir ACKNOWLEDGMENT TO BE RECEIVED SPECIFIED MAY RESULT IN REJECTIO change may be made by telegram or letter	Idment on each copy of the Iciudes a reference to the DAT THE PLACE DESIGN IN OF YOUR OFFER. If the Copylded each telegram	amendment; e offer submitted solicitation and a NATED FOR THE by virtue of this ar	; or mendment nu RECEIPT O nendment you	umbers.)F OFFi u desire	FAILURE OF Y ERS PRIOR TO T to change an off	OUR THE HO fer airea	UR AND	DATE
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Mod 112

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 _______ 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 bligated under this contract for payment of fee.

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

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

PR No.	Item No.	Amount 1
4200281835	1.	
	2.	$\dot{\gamma}$
	3.	
PR Total		

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



Mod 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 1	\$	Phase-In 1
	Phase-In 2	Phase-In 2	\$	Phase-In 2:
Total			\$	\$
P&P-02, Base Period	· .			1
P&P-03, First Option Period			b	
P&P-04, Second Option Period		r		••••••••••••••••••••••••••••••••••••••
Total of each column	<u>י</u>			

(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 ______ Ihis 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 ?

 \mathcal{W} obligated under this contract for payment of fee.

<u>T0</u>

Estimated Cost Award Fee Total CPAF

B-2

Modification 112 Last Changed by: Modification 111

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Lockheed Martin



Mod 113

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 <u>b-4</u> 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 $\frac{b}{b}$ bligated under this contract for payment of fee.

Estimated Cost	FROM	BY	<u>TO</u>	,
(De-Obligation) Award Fee Total CPAF				 9

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

PR No.	Item No.	Amount
4200282895	1.	<u>Amount</u>
	2.	
	3.	
	4.	
	5.	
	6.	$+$. \wedge $+$
	7.	
PR Total		
4200275435	1.	
PR Total		-+-

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

Mod 113

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		1 18	······································
P&P-03, First Option Period	<u></u>	5 F1	
P&P-04, Second Option Period			
Total of each column			

(End of Clause)

- 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. 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 $\underline{\beta}$ (is obligated under this contract for payment of fee.

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

B-2

Modification 113 Last Changed by: Modification 112

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Moffett Field, CA. 94035-1000)		Phone: (550-604	5626	Fax: 650	-604-093	32	
NAME AND ADDRESS OF CONTR	ACTOR (No. S	Street, County,	State and Z	P Code)	a. Liai	nas-1@na	ISA.gov	- 501101	ATION
Luckneed Martin Mission Sevi	ces			-		NO		- 306161	ATION
Attn:Greg Wardlaw						9B. DATEC	SEE ITE	M 11)	
P.O. Box 58487 Iouston, TX 77258			· .		: 				
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·		FACILITY CO				10B. DATE	D (SEE ITE · 6/2/0	•	
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Mod 114

Page 2 of 3

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 (10 mm) - 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):

Estimated Cost	Award Fee	Total Est Cost & Fee
Phase-In 1::	Phase-In 1: \$	Phase-In 1:
Phase-In 2:	Phase-In 2: \$	Phase-In 2: \$
	S III	\$´ · · ·
i		ALCOL
	b	
		\$
	Phase-In 1::	Phase-In 1:: Phase-In 1: \$ Phase-In 2: Phase-In 2: \$ Image: Phase-In 2: \$

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):	by
Amount Owed for Period 11:	
BALANCE TO BE PAID UPON RECEIPT OF THIS MODIFICATION:	8

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

B-2

OMIT

REPLACE WITH ATTACHED B-2





Mod 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
T • 1	Phase-In 2	Phase-In 2: \$	Phase-In 2:
Total		S	
P&P-02, Base Period	\$	24	
P&P-03, First Option Period		13-1-	
P&P-04, Second Option Period	`	<u> </u>	
Total of each column			+

(End of Clause)

B-2

Modification 114 Last Changed by: Modification 104

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2. AMENDMENT/MOD NO.	3. EFFECTIVE DAT	TE 4. REQ		PURCHASE REQ. NO.	5. PROJECT N
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NASA Ames Research Center	DE	7. ADMI	NISTERED		JAC
Mail Stop 241-1		Veroni	a Llama		
Moffett Field, CA. 94035-1000		Phone:	650-604-	5626 Fax: 650-604-09	32
B. NAME AND ADDRESS OF CONTRA	ACTOR (No. Street Cour	Email:	Veronica	Llamas-1@nasa.gov	
Lockheed Martin Mission Sevic	es	ny, olalo and i		(9) 9A. AMENDMENT O NO	F SOLICITATIO
Attn:Greg Wardlaw				98. DATED (SEE ITE	M 11)
P.O. Box 58487 Houston, TX 77258					
100500, 17, 17250	· · ·		-	(10) 10A. MOD. OF CONT	RACT/ORDER
CODE	EAOU		ļ	NAS2-0	
	FACILITY	CODE		10B. DATED (SEE IT	•
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be above numbered solicitation is amondos	d an and family in them did . Th				") outcoded
Offers must acknowledge receipt of this ame nethods:	endment prior to the hour and	d date specified i	in the solicita	tion or as amended, by one of t	he following
(a) By completing items 8 and 15, and re	eturning one (1) copy of the a	emendment		*	
(a) By completing Items 8 and 15, and re (b) By acknowledging receipt of this ame (c) By separate letter or telegram which ACKNOWLEDGMENT TO BE RECEIVE SPECIFIED MAY RESULT IN REJECTION	indment on each copy of the includes a reference to the s	offer submitted;	or nendment ni	mbers FAILURE OF YOUR	
ACKNOWLEDGMENT TO BE RECEIVE SPECIFIED MAY RESULT IN REJECTIO change may be made by telegram or lette	D AT THE PLACE DESIGN	ATED FOR THE	RECEIPT O	F OFFERS PRIOR TO THE HO	UR AND DATE
change may be made by telegram or letter prior to the opening hour and date specifi	er provided each tologram	or letter makes re	ference to th	e solicitation and this amendme	ady submitted, suc ant, and is receive
2. ACCOUNTING AND APPROPRIATI	ON DATA (if required)		<u> </u>	······································	
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2 THIS ITEM ADDITIES ONLY TO MO		, 	ļ		
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CONTRACT ORDER NO. IN ITEM 104	A.		*j		
B. THE ABOVE NUMBERED CONTRA	ACT/ORDER IS MODIFIED	TO REFLECT TH	F ADMINIS	TRATINE CHANCES (and a	
office, appropriation date, etc.) SET FC	ORTH IN ITEM 14, PURSUA	NT TO THE AUT	HORITY OF	FAR 43.103(b).	changes in paying
C THIS SUPPLEMENTAL ACDECHT			L		
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PUR	RSUANT TO AUT		•	
D. OTHER (Specify type of modification	n and authority)				
FAR 52.232-22, "Limitation	of Funds-As Modifie	ed by NFS 1	832.705-2		
IMPORTANT: Contracto	r IS NOT required to sign	this document	and return	0 copies to the issuing offic	e,
. DESCRIPTION OF AMENDMENT/M atter where feasible.)	ODIFICATION (Organize	d by UCF sect	ion heading	s, including solicitation/cont	ract subject
,	s to: (1) obligate and	de obligato	funda ta t		
ne purpose of this modification is	a to, (1) oungaic and	de-oongate	lunds to t	ne contract; (2) indicate	e the
ne purpose of this modification is counting and appropriation data	for Blk 12, SF 30.			te	
counting and appropriation data	for Blk 12, SF 30. See Page			1	
te purpose of this modification is counting and appropriation data	for Bik 12, SF 30.				
Cept as provided herein, all terms and	for Bik 12, SF 30. See Page	Two (2).	n Item 9A o	r 10A as heretofore change	d remains
cept as provided herein, all terms and changed and in full force and effect.	conditions of the docume	Two (2).	,		
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cept as provided herein, all terms and changed and in full force and effect.	conditions of the docume	Two (2). Int referenced i 16A. NAME Veronica	AND TITL Llamas, C	E OF CONTRACTING OFF	CER
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SORTING CONTRACTOR CONTRACTOR





Mod 115

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 <u>16-9</u>. 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 \$: boligated under this contract for payment of fee.

Estimated Cost	FROM	BBY	3	TO
(De-Obligation) Award Fee	<i>t.</i> 1			
Total CPAF			\$	
LK 12, SF30, is comp	aleted as follows:		1	
PR No.	Item No.	Amount		
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	2.		+	
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	11.			r.
4200275681	1.	· ·		I .
			11 1	

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





Mod 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: 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		16-1	
P&P-04, Second Option Period	\$		· · · · · · · · · · · · · · · · · · ·
Total of each column	\$2		·

(End of Clause)

- 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 ________ 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.

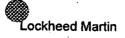
Estimated Cost	FROM	BY	<u>TO</u>
(De-Obligation) Award Fee			
Total CPAF			\$

B-2

Modification 115 Last Changed by: Modification 113 1

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VASA Ames Research Center	:	7. ADMI	NISTERED	BY		CODE	JA	C
Mail Stop 241-1 Moffett Field, CA. 94035-1000		Phone:	ca Llamas 650-604-	5626 F	ax: 650-	-604-093	2 -	•••• <u>•</u> ••
NAME AND ADDRESS OF CONTRA	CTOR (No. Street, Cour	nty, State and	Veronica ZIP Code)		<u>s-1(a)nas</u> A. AMEND		SOLICIT	TIO
Lockheed Martin Mission Sevice	S			N			- SOLIGIT/	110
Attn:Greg Wardlaw 2.O. Box 58487				98	B. DATED	(SEE ITEI	W 11)	
Iouston, TX 77258	· · · · ·					····		
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11	THIS ITEM ONLY APPL					6/2/0	3	
e above numbered solicitation is amended fers must acknowledge receipt of this amer above.	as set forth in Item 14. Th	a hour and data	enonified for	the second of	04		extended	
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Mod 116

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 $\frac{1}{9}$ (his 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 $\frac{1}{2}$ is obligated under this contract for payment of fee.

	FROM	BY	ТО
Estimated Cost			s T
(De-Obligation) Award Fee		B-U	<u> </u>
Total CPAF		\$	\$ <u>.</u>

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

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

<u>PR No.</u>	Item No.	Amount
4200288021	1.	T. J. Com
PR Total		

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

B-2

OMIT B-2 **REPLACE WITH ATTACHED**





Mod 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 1: \$	Phase-In 1: \$
	Phase-In 2:5	Phase-In 2: \$	Phase-In 2:
Total		\$	
P&P-02, Base Period	\$!		1
P&P-03, First Option Period		B-1-	\$
P&P-04, Second Option Period	L		\$
Total of each column		S	

(End of Clause)

- 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 \$ 7.0 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 \$______ s obligated under this contract for payment of fee.

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

B-2

Modification 116 Last Changed by: Modification 115

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AMENDMENT OF SOL		ATION	5=	1.0	CONTRACT I D COD	E PAGE OF 5
C	ONTRACT					1
2. AMENDMENT/MOD NO.	3. EFFECTIVE DATE	4. REOL	ISITION/	PUR	CHASE REQ. NO.	5. PROJECT
Hundred-Seventeen (117)	See Block 16C			· .	ge 2	J. FROJECI
ISSUED BY		7. ADMIN	ISTERED		CODE	JAC
VASA Ames Research Center Mail Stop 241-1	- L		a Llamas		CODE	
Moffett Field, CA. 94035-1000					Fax: 650-604-09	932
		Fmail	Veronica	.Llaı	nas-1@nasa.gov	
NAME AND ADDRESS OF CONTRA Lockheed Martin Mission Sevice	CTOR (No. Street, County,)	State and Z	P Code)	(9)	9A. AMENDMENT	OF SOLICITATI
Attn:Greg Wardlaw	CS				NO	
P.O. Box 58487		+		لنستا	98. DATED (SEE IT	EM 11)
Houston, TX 77258	•			(10)	10A. MOD. OF CON	TDIATODDO
				(10)	NAS2-	
CODE	FACILITY CO	DE		\mathbf{X}	10B. DATED (SEE I	
		· · · ·	· ·		6/2	,
11.	THIS ITEM ONLY APPLIES	TO AMENI	MENTS C	FSC	LICITATIONS	
he above numbered solicitation is amended ifers must acknowledge receipt of this amer	as set forth in Item 14. The hold	ir and date s	ecified for r	eceipt	of Offers (IS OR IS NO	T) extended.
athods:	rument prior to the hour and dat	e specified in	the solicitat	onor	as amended, by one of	the following
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Mod 117

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 \$______ 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 ______s obligated under this contract for payment of fee.

	Estimated Cost (De-Obligation) Award Fee Total CPAF	<u>FROM</u> <u>BY</u> <u>TO</u> <u>BY</u> <u>S</u> <u>TO</u>
2.BL	K 12, SF30, is comp	leted as follows:
	<u>PR No.</u> /	Amount
	4200290567	
	4200287005	

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

4200281835 PR Total

REPLACE WITH ATTACHED B-2

Lockheed Martin

Mod 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	<u> </u>	S N	t ter mannhaitean
P&P-02, Base Period	· · · · · · · · · · · · · · · · · · ·		
P&P-03, First Option Period			
P&P-04, Second Option Period	i		T
Total of each column	·	i.	
		<u>i</u> , , ,	

(End of Clause)

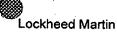
- ITEM B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999) is DELETED and SUBSTITUTED as follows:
- B.3 PROGRAMS AND PROJECTS (P&P) SERVICES CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (ARC Modified JUL 1999)
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds Clause, the total amount allotted by the Government to this contract is 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 $\$ = \frac{1}{6} + \frac{1$

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

B-2

Modification 117 Last Changed by: Modification 116

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	VIOUS EDITION UNUSABLE			l		10-83) ES
				1. 1	. •	



Mod 118

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 _____? U____. 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 \$ is obligated under this contract for payment of fee.

	FROM	BY	ТО	
Estimated Cost	·····			7
(De-Obligation)	(64		·
Award Fee		<u></u>		· · · ·
Total CPAF		·		
	/			

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

PR No.	Amount
4200292036	1-1-1-1
PR Total	P/ 1

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

B-2

<u>OMIT</u> B-2 **REPLACE WITH ATTACHED**

Mod 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: \$f
	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)

- 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 ______. 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 (1 + 1) is obligated under this contract for payment of fee.

Estimated Cost (De-Obligation) Award Fee Total CPAF

<u>BY</u> FROM

B-2

Modification 118 Last Changed by: Modification 117

TO