	<u>.</u>			ON	AB A	oprovel #: 2700-0042		
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National Aeronautics and S	space A	dministration		1				
Langley Research Center				1				
Hampton, VA 23681-0001	4			i				
NAME AND ADDRESS OF CONTRACT	'OR (No., si	treet, county, State	e, and Zip Co	(%)	(x)	SA. AMENDMENT OF SOLIC	ITATION NO.	
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The Aerospace Corporation	n			Į.	l			
2350 E. El Segundo Boule	vard				l	98. DATED (SEE ITEM 11)		
El Segundo, CA 90245-469	91							
						10A. MODIFICATION OF CO	NTRACT/OR	DER NO.
				1		NAS1-99050		en e
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The above numbered colleitation is a	mended as	set forth in hem 1	4. The hour	and date spe	cified	for receipt of Offers is a	ndended, L	is not extended.
fers must acknowledge receipt of this an	ienament pi	nor to the nour an	z date specin	ed in the som	CITATIO	in or as amended, by one of the	: someowing we	anoas:
See Page 2	EM APP	LIES ONLY	TO MOD	IFICATION	ONS	OF CONTRACTS/O	RDERS.	
						DESCRIBED IN ITEM		\$
(X) A. THIS CHANGE ORDER IS IS:	SUED PUR	SUANT TO: (Spe	cify authority)	THE CHAN	IGES	SET FORTH IN ITEM 14 ARE	MADE IN THE	CONTRACT ORDER
NO. IN ITEM 10A.	1.5					the state of the s		
X B. THE ABOVE NUMBERED CO	NTRACT/C	RDER IS MODIFI	ED TO REFL	ECT THE AL	INIMO	STRATIVE CHANGES (such as	s changes in p	paying office,
appropriation date, etc.) SET POI								
C. THIS SUPPLEMENTAL AGRE	EMENT IS	ENTERED INTO	PURSUANT	TO AUTHOR	RITY	OF:		
D. OTHER (Specify type of mod	ncation and	authority)				3	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
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E. IMPORTANT: Contractor X is no 4. DESCRIPTION OF AMENDMENT/MO					urion			
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			(Ca)	ntinued)				
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iscept as provided herein, all terms and o	anditions of	the document refe	wanced in He	m 94 or 104	ae h	eretofore channed remains was	thonnad dod i	n full force and effect.
SA NAME AND TITLE OF SIGNER (TYPE				16A. NAN	E AN	D TITLE OF CONTRACTING	OFFICER (TV	pe or print)
the state of the s				1		tey Gardner		e e e e e e e e e e e e e e e e e e e
		\$1.		1		// //	' /	
58. CONTRACTOR/OFFEROR		15C. DATE	SIGNED	16B. UNI	LEO 9	PATES OF AMERICA	/ 11	ISC. DATE SIGNED
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				BY /	يدر	TI Augh	الحد	JEC 11 19
(Signature of person authorized to	sign)	1			(Sig	nature of Contracting Officer)		10
45N 7540-01-152-8070			30-	-105				39 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE						Prescribe	id by GSA	

Prescribed by GSA PAR (48 CFR) 53.243

NAS1-99050

Modification No. 1

- A. Section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$275,580 from \$95,240 to \$370,820 and the available fee allotment by \$13,795 from \$4,760 to \$18,555. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$370,820. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$18,555 is obligated under this contract for papent of fee.
- **B.** All **other terms** 'and conditions remain unchanged.

Contract Tabulation

		<u>Value</u>		Fundin g		
	Est cost	Fixed Fee	Est Cost	Fixed Fee		
Contract Award Mod. 1	0	\$696,000 <u>0</u>	\$95 , 240 275,580	\$4,760 13,795		
Totals	\$13,920,000	\$696,000	\$370,820	\$18,555		

Accounting and Appropriation Data

PR Number	Job Order	Dollar Amount	Task Number	Complete/Partial
м .1040	R23867	_ \$175,000	3	Complete
M .1041	R23816	\$70,000	- 2	Complete
M .1042	R23816	\$44,375	1	Complete

				OMB /	\pproval #: 2700-0042	
AMENDMENT OF SOLICITATION	MODIF	ICATI	ON OF CO		1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENOMENT/MODIFICATION NO.	3. EFFE	CTIVE C	MIE	4. REQUISIT	ONPURCHASE REQ. NO.	6. PROJECT NO. (Fapplicable)
2	FE	للا	7 1999	_	See Page 2	
6. ISSUED BY CODE				7. ADMINIST	ERED SY (If other than item 6)	CODE
		_				
National Aeronautics and Space	Admini	istratio	n		<i>t</i>	
Langley Research Center						
Hampton, VA 23681-0001				1	The second second	
8. NAME AND ADDRESS OF CONTRACTOR (No.	atmat as	week Sh	to and 7la Ca	(fa)	SA. AMENDMENT OF SOLIC	
e. Name and appress of contractor (no.	, 20'00, UL	Juny, Sie	ste, and zip co	de) (x)	SA. AMENOMENT OF SOUR	HATILM NO.
The Aerospace Corporation						
2350 E. El Segundo Boulevard				ŀ	98. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691					05. 5	
El Segundo, CA 90245-4691				-	10A. MODIFICATION OF CO	NOR ACTION OF BUILD
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				X	NAS1-99050	
				^	108. DATED (SEE ITEM 13)	
CODE FACI	LITY COD	<u> </u>		———	1	
					11/19/98	<u> </u>
11. THIS ITE	M ONL	Y APF	PLIES TO	AMENDME	NTS OF SOLICITATIC	NS
IT MODIFIES (X) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRACT	THE C	ONTR TO: (Sp	ACT/ORD scily authority)	ER NO. AS THE CHANGES ECT THE ADMIN	IISTRATIVE CHANGES (such a	14. MADE IN THE CONTRACT ORDER
appropriation date, etc.) SET FORTH IN IT				v.		
C. THIS SUPPLEMENTAL AGREEMENT	is enter	KEU INTO	PURSUANT	TO AUTHORITY	UF:	
D. OTHER (Specify type of modification as	nd authori	ty)	T-1111.			
E. IMPORTANT: Contractor X is not is	required t	to sion H	his document	and return	copies to the issuing off	20
14. DESCRIPTION OF AMENDMENT/MODIFICATI						
The purpose of this modification	isto in	creme	·	the contrac	t in the amount of \$1,9	909,915 as follows:
Except as provided herein, all terms and conditions		ument re	ferenced in Iter	n 9A or 10A, as i	eretofore changed, remains und	hanged and in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)	,				ND TITLE OF CONTRACTING	OFFICER (Type or print)
				R. Brad	lley Gardner	7
ARE CONTRACTOR OFFICE	1 44		E 0104175	100 14	A Land A	/
158. CONTRACTOR/OFFEROR	15	J. UAT	E SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
				BY C	at Jul	2-17-99

(Signature of person authorized to sign)
NSN 7540-01-152-8070
PREVIOUS EDITION UNUSABLE

30-105

(Signature of Contracting Officer)

STANDARD FORM 36 (Rev. 10-83)

Prescribed by GSA

FAR (48 CFR) 53.243

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$1,818,980 from \$370,820 to \$2,189,800 and the available fee allotment by \$90,935 from \$18,555 to \$109,490. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$2,189,800. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional mount of \$109,490 is obligated under this contract for payment of fee.

B. All other terms and conditions remain unchanged.

Contract Tabulation

		Value	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13 <i>,7</i> 95	
Mod. 2	0	0	<u>1.818.980</u>	<u>90.935</u>	
Totals	\$13,920,000	\$696,000	\$2,189,800	109,490	

Accounting and Appropriation Data

PR Number	<u>Iob Order</u>	Dollar Amount	Task Number	Complete/Partial
M .1050	R23816	\$229,565	2	Complete
M .1052	R23867	\$1,680,350	3	Complete

OMB Approval #: 20042						
AMENDMENT OF SOLICITATION	MODIFICATIO	N OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMERICAMENT/MODIFICATION NO.	MAR 0 4	Taga	4. REQUISIT	TON/PURCHASE REQ. NO. CH.0638	5. PROJECT NO. (N'applicable)	
6. ISSUED BY CODE			7. ADMINIS	ERED BY (If other than Item &) CODE	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration					
8. NAME AND ADDRESS OF CONTRACTOR (AN	o., street, county, State	e, and Zip Co	(x)	9A. AMENDMENT OF SOL	ICITATION NO.	
The Aerospace Corporation						
2350 E. El Segundo Boulevard El Segundo, CA 90245-4691				98. DATED (SEE ITEM 11))	
El Seguildo, CA SOZAS-ACS I				10A. MODIFICATION OF	CONTRACT/ORDER NO.	
				NAS1-99050		
			X	10B. DATED (SEE ITEM 1	3	
CODE	CILITY CODE			11/19/98		
11. THIS IT	EM ONLY APPI	LIES TO A	AMENDME	NTS OF SOLICITATI	ONS	
The above numbered solicitation is amended offers must acknowledge receipt of this amendment	d as set forth in Item 1	4. The hour a	and date specific	ed for receipt of Offers	is extended, is not extended.	
	in one arealy submined in reserved prior to (if required) 30; R22675; \$10 PPLIES ONLY THE CONTRAPURSUANT TO: (Spectromoter is modifited in 14, PURSUANT TIS ENTERED INTO and authority)	the opening of the op	ask 4) (Con IFICATION ER NO. AS THE CHANGE ECT THE ADMITHORITY OF FA	nplete) S OF CONTRACTS/C DESCRIBED IN ITEI S SET FORTH IN ITEM 14 AR INISTRATIVE CHANGES (SUCAR 43.103(b).	DRDERS, M 14. E MADE IN THE CONTRACT th as changes in paying office,	
The purpose of this modification			-			
		(Cor	ntinued)			
Except as provided herein, all terms and condition		erenced in Iter				
15AL NAME AND TITLE OF SIGNER (Type or pri	nt)			diey Gardner	3 OPFICER (Type or print)	
158. CONTRACTOR/OFFEROR	15C. DATE	SIGNED	BY	STATES OF AMERICA	16C. DATE SIGNED 3-4-99	
(Signature of person authorized to sign)		30		gnature of Contracting Officer)	DARD FORM 30 (Rev. 10-83)	
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-	105		DARCO POROS 30 (Rev. 10-83) bed by GSA 8 CFR) 53,243	

- A. Section B, B.4, Centract Funding, is modified to increase the available cost allotment by \$272,000 from \$2,189,800 to \$2,461,800 and the available fee allotment by \$13,600 from \$109,490 to \$123,090. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$2,461,800. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$123,090 is obligated under this contract for papent of fee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,760	
Mod. 1	0	0	275,580	13 <i>,</i> 795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	_13.600	
Totals	\$13,920,000	\$696,000	\$2,461,800	123,090	

		7.	·	OMB A	pproval #: 2,0042	
4		MANUELO A TIO	N 05 00	MTDACT	1. CONTRACT ID CODE	PAGE OF PAGES
	NOMENT OF SOLICITATION	3. EFFECTIVE DA	TE	NIKACI	ON/PURCHASE REQ. NO.	5. PROJECT NO. (Weaplable)
2. ANII	SIDNESTANDEIFICATION NO.	MAR 0		4. RECUISIT	M .1053	J. PRODECT NO. (# Expectate)
6. 1831	UED BY COD		الترتاب	7. ADMINIST	ERED BY (If other than Item 6)	CODE
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N	ational Aeronautics and Space	• Administration		Ì		
	angley Research Center	E Aummisu auon				
	ampton, VA 23681-0001					
				ł		
S. NAN	E AND ADDRESS OF CONTRACTOR (No., street, county, State	, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
Th	ne Aerospace Corporation	*	*	1		
23	350 E. El Segundo Boulevard				9B. DATED (SEE ITEM 11)	
EI	Segundo, CA 90245-4691			L		
					10A. MODIFICATION OF CO	NTRACT/ORDER NO.
				ŀ	NAS1-99050	
				X		
					108. DATED (SEE ITEM 13)	
CODE		ACILITY CODE			11/19/98	
	11. THIS I	TEM ONLY APPL	JES TO	AMENDME	NTS OF SOLICITATIO	NS
П,	The above numbered solicitation is amend	led as set forth in Hern 1.	4. The hour:	and date specific	d for receipt of Offers is	extended. is not extended.
	must acknowledge receipt of this amendm	ent prior to the hour and	date specific	ed in the solicitat	on or as amended, by one of the	
						- A
(a) (b)	completing items 8 and 15, and returning	copies of the ame	endment; (b) i	By acknowledgin rendment numbe	g receipt of this amendment on (rs. FAILURE OF YOUR ACKNO	OW EDGMENT TO BE RECEIVED
NT TA	completing items 8 and 15, and returning because letter or telegram which includes E PLACE DESIGNATED FOR THE RECE	IPT OF OFFERS PRIO	R TO THE H	OUR AND DATE	SPECIFIED MAY RESULT IN A	EJECTION OF YOUR OFFER. IF
by virtu	e of this amendment you dissine to change on to the solicitation and this amendment	e an offer already submit and is received prior to	tted, such chi the opening i	ange may be ma hour and date sp	de by telegram or letter, provider ecified.	S CELCT SHOUGHT OF SECON THEMES
12. AC	COUNTING AND APPROPRIATION DA	TA (17 /90/W00)		-5179	55	
P	R: M .1053; R23816; \$20.0	00-(Task 1) (Com	iplete)	<u>-</u>		EF66
	مستوع مستواق المستوارين المستوار المستور المستور المستور المستور المستور المستوار المستور المستور المستور المستور المستو				S OF CONTRACTS/O	4.4
	IT MODIFIE A. THIS CHANGE ORDER IS ISSUED ORDER NO. IN ITEM 10A.	S THE CONTRA	CT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.
(x)	ORDER NO. IN ITEM 10A.	PUNSUANT TO: (Spe	city authority)	I THE CHANGE	SSET FOR IN ITEM 14 ARE	MADE IN THE CONTINUE
X	B. THE ABOVE NUMBERED CONTRA	ACT/ORDER IS MODIFI	IED TO REFL	ECTTHE ADMI	NISTRATIVE CHANGES (such a	is changes in paying omce,
	appropriation date, etc.) SET FORTH II	n Item 14, pursuant	TO THE AU	THORITY OF FA	R 43.103(b).	
	C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO	PURSUANT	TO AUTHORITY	OF:	
	D. OTHER (Specify type of modification	a and a dharby				
	U. OTHER (Specify type of modulcado	n and addioxity)				1
E 161	PORTANT: Contractor X is not.	is required to sign th	nis documer	nt and return	copies to the issuing	office.
14. 5	SCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by U	JCF section h	eadings, includin	g solicitation/contract subject ma	ster where feesble.)
П	he purpose of this modificatio	n is to increment	ally fund	the contract	in the amount of \$17.9	955as follows:
	r r				, ,	
			(Coı	ntinued)		
						معالم من المسلم
	as provided herein, all terms and condition		renced in Ite	m 9A or 10A, as	neretofore changed, remains und	changed and in full force and effect.
15A. N	NAME AND TITLE OF SIGNER (Type or p	onnt)			ND TITLE OF CONTRACTING (JETIOSK (13pe or paril)
				r. Brac	lley Gardner	and the second of the second
778 1	CONTRACTOR/OFFEROR	I 15C. DATE	SIGNED	160 HAVEN	STATES OF AMERICA	16C. DATE SIGNED
19 6 . C	JUNIKACIUKUPPENUK	ISC. DATE	SIGNED	100.00		
				BY /	word south	3-9-99
	(Signature of person authorized to sign)	1			nature of Contracting Officer)	
	540-01-152-9070 OUS EDITION UNUSABLE		30-	-105		ARD FORM 30 (Rev. 10-83) d by GSA
FREVI					FAR (48 (CFR) 53.243
					•	

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$17,100 from \$2,461,800 to \$2,478,900 and the available fee allotment by \$855 from \$123,090 to \$123,945. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$2,478,900. This allotment is for the performance of work in accordance with the limitations and completion dates as set forthm task: orders authorized by the Contracting Officer.
 - (b) An additional amount of \$123,945 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		Value	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd. 1	0	0	<i>2</i> 75 , 580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	<u> 17.100</u>	<u>855</u>	
Totals	\$13,920,000	\$696,000	\$2,478,900	123,945	

See Page 2 6. ISSUED BY National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 CODE FACILITY CODE 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
2. AMENDMENT/MODIFICATION NO. 5 6. ISSUED BY CODE 7 1999 National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 CODE FACILITY CODE 1. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	TON NO.
5 6. ISSUED BY CODE AT 1999 See Page 2 7. ADMINISTERED BY (If other than Item 6) National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 Total Modification of Contraction of Contraction 10A. Modification of Contraction of Contr	TON NO.
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 CODE FACILITY CODE 7. ADMINISTERED BY (if other then item 6) (x) 9A. AMENDMENT OF SOLICITAT 9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTR NAS1-99050 11B. DATED (SEE ITEM 13) 11/19/98 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	TON NO.
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Hampton, VA 23681-0001 8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 CODE FACILITY CODE 10. MODIFICATION OF CONTR NAS1-99050 X 108. DATED (SEE ITEM 13) 1098 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
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El Segundo, CA 90245-4691 10A. MODIFICATION OF CONTR. NAS1-99050 X 10B. DATED (SEE ITEM 13) 11/19/98 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	ACT/ORDER NO.
TODE FACILITY CODE FACILITY CODE The street of the	ACT/ORDER NO.
NAS1-99050 X 108. DATED (SEE ITEM 13) 11/19/98 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	ACT/ORDER NO.
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10B. DATED (SEE ITEM 13) 10B. DATED (SEE ITEM 13) 11/19/98 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
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11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
The shows numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is exter	nded. is not extended.
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, in the solicitation or as amended, by one of the following a second of the following the solicitation or as amended, by one of the following the solicitation or as amended, by one of the following the solicitation or as amended, by one of the following the solicitation or as amended, by one of the following the solicitation or as amended, by one of the following the solicitation or as amended, by one of the following the solicitation or as amended as a set forth in Item 14. The hour and date specified for receipt of Offers is a set forth in Item 14. The hour and date specified for receipt of Offers is a set forth in Item 14. The hour and date specified in the solicitation or as amended, by one of the following the solicitation or as amended, by one of the solicitation or as amended.	
See Page 2 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDE IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. x) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADI ORDER NO. IN ITEM 104.	
X B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as che appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	anges in paying office,
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:	
D. OTHER (Specify type of modification and authority)	
S. Strant (speak) type or meanisation and assessing	
IMPORTANT: Contractor X is not, . is required to sign this document and return copies to the issuing office	0.
DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter	where feesible.)
The purpose of this modification is to incrementally fund the contract in the amount of \$84,995	as follows:
•	
(Continued)	
except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchan	ged and in full force and effec
SA. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFIC	CER (Type or print)
R. Bradley Gardner	
	2
	16C. DATE SIGNED
158. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA	100 DATE SIGNED
BY Contract	4-27-9
(Signature of person authorized to sign) BY (Signature of Contracting Officer)	

Prescribed by GSA FAR (48 CFR) 53.243

- A Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$80,950 from \$2,478,900 to \$2,559,850 and the available fee allotment by \$4,045 from \$123,945 to \$127,990. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$2,559,850. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$127,990 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

	<u>Valu</u>	ıe	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	Ō	0	17.100	855	
Mod. 5	0	0	80,95 0s		
Totals	\$13,920,000	\$696,000	\$2,559,850	\$12 7 ,9 9 0	

Accounting and Appropriation Data

PR M.1057; R23816; \$64,995 (Task 2/Complete) PR M.1056; R24310; \$20,000 (Task 5/Complete)

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		·		OK.	.u ^	1. CONTRACT ID COL	DE	 	AGE (F PAGES
AME	NOMENT OF SOLICITA	ATION/I	MODIFICATION OF CO	NTRAC	T			1	1	2
	NOMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4. REQU	JISITI	ON/PURCHASE REQ. N	Ю.	5. PROJE	CT NO	(If applicable)
	6	CODE	MAY 21 1999	7 4044		See Page 2 ERED BY (If other than It	am Al	CODE		
6. 1551	ÛED BY	CODE		'. ~~""	(41511	TUED DI (II ODINI DINI II	4 111 4)		<u> </u>	
NI-	ational Aeronautics and	Space	Administration	1						
	angley Research Center		Auministration							
	ampton, VA 23681-00									
	amplem, TA 20001 00	•								
R NAM	ME AND ADDRESS OF CONTRA	CTOR (No.	, street, county, State, and Zip Co	de)	(x)	9A. AMENOMENT OF	SOLICI	TATION NO		
				Ī		*				
	he Aerospace Corporati			1						
23	350 E. El Segundo Bou	levard				98. DATED (SEE ITE	M 11)			
\mathbf{E}	l Segundo, CA 90245-4	691		ļ			A- A			
						10A. MODIFICATION		ITRACT/ON	DEKN	io.
				1		NAS1-99050	•			
				Į	X	10B. DATED (SEE ITE	E44 42)			
		I EAC	LITY CODE				EM 13)			
CODE			T T	114515		11/19/98				··.
	11. T	HISTE	M ONLY APPLIES TO	MENU	MER	118 OF SOLICITA	ALION	10		
i	The above numbered solicitation is	s amended	as set forth in Item 14. The hour t prior to the hour and date specifi	and date s	oecifie	d for receipt of Offers		odended,		not extended.
2 40	COUNTING AND APPROPRIAT	ION DATA								
			PPLIES ONLY TO MOD							
	IT MO	DIFIES	THE CONTRACT/ORD IRSUANT TO: (Specify authority,	EK NO.	AS	DESCRIBED IN I	LEM	ANDE IN TH	E CO	TRACT
(x)	ORDER NO. IN ITEM 10A.	ISSUED F	SKOOMIT TO: (Openity authority)	/ IIIE (11)	100	3021101(11111111111111111111111111111111				
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X	B. THE ABOVE NUMBERED	CONTRACT	FORDER IS MODIFIED TO REFL	ECT THE	DMI	NISTRATIVE CHANGES	(such as	changes in	paying	office,
			TEM 14, PURSUANT TO THE AU							
	C. THIS SUPPLEMENTAL AG	REEMENT	IS ENTERED INTO PURSUANT	IO AUTHO	MCI I T	OF:				
	D. OTHER (Specify type of mo	dification a	nd authority)					/		······································
- 4										
E. IM	PORTANT: Contractor X is	not, 🗌 is	required to sign this document TON (Organized by UCF section I	nt and retu	m_	copies to the is	suing o	ffice.		
14. DE	SCRIPTION OF AMENUMEN I/R	MODIFICAT	ION (Organized by OCF Section (readings, in	CIUUII	y sonchellorvontract su	nject me	uer wriere i		,
Т	he nurnose of this modi	ification	is to incrementally fund	the cont	ract	in the amount of	\$117	880 as fo	allow	R.
•	no parposs or and moar	inoacion i	is to intorcriticitiany faile		uot		Ψ,		J	••
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	AME AND TITLE OF SIGNER (7			16A. NA	ME AI	ND TITLE OF CONTRAC	TING O	FICER (TV	DO OF D	nint)
- CO-1.		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	••			ley Gardner	/	7		
				_		20.0				
15 B . C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UN	150	STATES OF AMERICA	11	1	6C. D/	TE SIGNED
			·	BY /	ىد	as La	W	Let	_	-21-99
	(Signature of person authorized	to sign)			1Sig	nature of Contracting Off	licer)		· /	~ · · · /
	540-01-152-8070		30-	105				RD FORM	30 (R	sv. 10-83)
PREV)	OUS EDITION UNUSABLE						escribed R (48 Cf	by GSA PR) 53.243		

A. section B., 8.4, Contract: Funding, is modified to increase the available cost allotment by \$112,240 from \$2,559,850 to \$2,672,090 and the available fee allotment by \$5,640 from \$127,990 to \$133,630. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:

- (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 \$2,672,090. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$133,630 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

	<u>Valu</u>	ue	<u>Fundi</u>	ng
	Est Cost	<u>Fixed Fee</u>	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod . 1	0	0	275,580	13,795
Mod2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod . 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5.640
Totals	\$13,920,000	\$696,000	\$2,672,090	\$133,630

Accounting and Appropriation Data

PR M.1058; R23867; \$27,880 (Task3/Complete) PR M.1059; R23816; \$10,000 (Task6/Complete) PR M.1061; R24310; \$80,000 (Task5/Complete)

				O	MB A	proval #: 2700-0042			
					_	1. CONTRACT ID CODE		PAGE	PAGES
ANE	NOMENT OF SOLICITAT					ON/PURCHASE REQ. NO.	7 - 1	1	2
2. AMR	ENDINENT/MODIFICATION NO.	3.	TITO 8 1999	4. REG		See Page 2	S. PROJ	ECT NO.	(If applicable)
6 1551	JED BY	CODE	ICIL VIO 1000	7. ADM		ERED BY (If other than Item 5)	CODE		
J. 1.55				-			••••	L	
A.	ational Aeronautics and S	A d	ministration	ĺ					
		pace Au	ministration						
	angley Research Center								
H	ampton, VA 23681-0001								
A SPAI	ME AND ADDRESS OF CONTRACT	AD (A)	val county State and 75 C	200	4				
0. POW	HE AND ADDRESS OF CONTRACT	OK (NO., 30)	et, courty, state, and zip C	.00 0)	(x)	9A. AMENDMENT OF SOLK	HAHOMN	O .	
71	A G			-	-				
	ne Aerospace Corporation			j		00 04750 (055 (754 44)			
	350 E El Segundo Boule					98. DATED (SEE ITEM 11)			
Е	Segundo, CA 90245-469)1							
						10A. MODIFICATION OF CO	INTRACT/O	RDER NO).
						NAS1-9905 0			
					X	-			
				1		10B. DATED (SEE ITEM 13)			
CODE		FACILITY	CODE			11/19/98			
	11. THI	SITEM	ONLY APPLIES TO	AMEND	MEN	ITS OF SOLICITATIO	NS		
	he above numbered solicitation is an nust acknowledge receipt of this am						extended,		ot extended.
Offers	nust acknowledge receipt of this am	enament pric	ir to the nour and date speci	med in the s	HICKEL	ion or as amended, by one or th	e rollewing i	methods:	
(a) By (completing Items 8 and 15, and return	ning c	opies of the amendment; (b) By acknow	ledgin	g receipt of this amendment on	each copy (of the offer	submitted; or
(c) By s	eparate latter or telegram which incl	udes a refere	ince to the solicitation and a	imendment i	numbe	rs. FAILURE OF YOUR ACKN	OWLEDGM	ENT TO 8	E RECEIVED
	PLACE DESIGNATED FOR THE R								
	ce to the solicitation and this amendr						n ears, raid		DOL. HINGWOOD
	COUNTING AND APPROPRIATION	DATA (If re	quired)						
S	ee Page 2								
	13. THIS ITE	M APPL	JES ONLY TO MOD	DIFICAT	ON:	S OF CONTRACTS/OF	RDERS,		
						DESCRIBED IN ITEM			<u> </u>
(x)	A. THIS CHANGE ORDER IS ISS	UED PURS	JANT TO: (Specify authorit)	y) THE CH	NGE:	S SET FORTH IN ITEM 14 ARE	MADE IN T	HE CON	RACT
·	ORDER NO. IN ITEM 10A.								
									
X	B. THE ABOVE NUMBERED COI						as changes	in paying i	office,
	appropriation date, etc.) SET FOR								
	C. THIS SUPPLEMENTAL AGRE	EMENT IS E	INTERED INTO PURSUANT	T TO AUTHO	RITY	OF:			
							·		
	D. OTHER (Specify type of modifi	ication and a	uthority)						
								·	
E. IM	PORTANT: Contractor X is no SCRIPTION OF AMENDMENT/MOD	I, is req	uired to sign this docume	ent and ret	ım	copies to the issuing	office.	.	
14. DE	SCRIPTION OF AMENUMENT/MO	DIFICATION	(Organized by UCF section	neadings, ii	ciuain	g solicitation/contract subject m	atter where	7088IO/0.}	
_	-641	N 1 - 4					000	£- 11	_
П	he purpose of this modific	ation is to	o incrementally fund	i tne con	tract	in the amount of \$132	,, uuu as	IOHOWS	•
			(Co	ontinued)				
			•	•					
Except	as provided herein, all terms and co	nditions of th	e document referenced in It	em 9A or 10	A, as	heretofore changed, remains ur	ichanged ar	nd in full fo	rce and effect.
	IAME AND TITLE OF SIGNER (Type					ND TITLE OF CONTRACTING			
				R.	Brae	Hey Gardner			
				/		/_ //			
15B. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	168. UN	ITED	STATES OF AMERICA	7.1	16C. DA1	TE SIGNED
				1	<u> </u>	- (//7-1)	4		
			4	BY (Tay to the f	1	7-	8-79
No.	(Signature of person authorized to s	sign)	1	105	(Sig	nature of Contracting Officer)		/	- //
	540-01-152-8070 OUS EDITION UNUSABLE		30	0-105			ARD FORM	и 30 (Re	v. 10 -63)
- IVE AL	COURT OF CHARLE						d by GSA CFR) 53.243	3	-
								-	

A Section B., 8.4, Contract Funding, is modified to increase the available cost allotment by \$125,690 from \$2,672,090 to \$2,797,780 and the available fee allotment by \$6,310 from \$133,630 to \$139,940. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:

- (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 \$2,797,780. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$139,940 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

	<u>Valı</u>	Je	Fundi	na
	Est Cost	Fixed Fee	Est. cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$ 95,240	\$4,760
Mod. 1	.0	0	275,580	13,795
Mod2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125.690	6,310
Totals	\$13,920,000	\$696,000	\$2,797,780	\$139,940

Accounting and Appropriation Data

PR M.1064; R23816; \$ 10,000 (Task 8/Complete) PR M.1065; R24355; \$122,000 (Task 7/Complete)

			ODIOVE 8: 2700-0042	
AMENDMENT OF SOLICITATION	MODIEICATION OF O	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.			TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
8	1111 2 6 199	19	AH.1001	S. Producti No. (# appacage)
6. ISSUED BY CODE			TERED BY (If other than Item 6)	CODE
	<u> </u>			
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No	., street, county, State, and Zip	Code) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
			-	
The Aerospace Corporation				
2350 E. El Segundo Boulevard			98. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691				
			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
			NAS1-99050	
		X		
			108. DATED (SEE ITEM 13)	
	ILITY CODE		11/19/98	
11. THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	VS
The above numbered solicitation is amended	as set forth in Item 14. The hor	ur and date specifi	ed for receipt of Offers	extended, is not extended.
	PPLIES ONLY TO MO	DIFICATION	S OF CONTRACTS/OF	
	THE CONTRACT/OR	<u>DER NO. AS</u>	DESCRIBED IN ITEM	14.
(x) A. THIS CHANGE ORDER IS ISSUED PO ORDER NO. IN ITEM 10A.	URSUANT TO: (Specify authori	ity) THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT
X B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN I	T/ORDER IS MODIFIED TO RETEM 14, PURSUANT TO THE A	FLECT THE ADM	NISTRATIVE CHANGES (such a	s changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	'IS ENTERED INTO PURSUAN	IT TO AUTHORIT	r OF:	
			······································	
D. OTHER (Specify type of modification a	and authority)		š	
E. IMPORTANT: Contractor X is not, [] is	required to eign this docum	ent and return	conies to the issuin-	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	TION (Organized by UCF section	n headings, includi	copies to the issuing on solicitation/contract subject me	otter where feasible.)
· · · · · · · · · · · · · · · · · · ·		<u>.</u> ,		and the second s
The purpose of this modification	is to incrementally fund	d the contrac	t in the amount of \$300.	000 as follows:
• •	, said		· · · • • • • • • • • • • • • • • • • •	,
	(C	ontinued)		
			bankdon ban i	
Except as provided herein, all terms and conditions 15A. NAME AND TITLE OF SIGNER (Type or prin			heretofore changed, remains un IND TITLE OF CONTRACTING C	
THE OF STREET LINE OF STREET (1) THE OF DIES	•		dley Gardner	TOUR (1998 OF PITE)
		'\. 5'a'		7
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNDED	STATES OF AMERICA	16C. DATE SIGNED
		1.	17/1/	
(Signeture of person authorized to sign)		180	gnature of Contracting Officer)	7-26-99

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

30-105

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

Highway and and the second second

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$285,500 from \$2,797,780 to \$3,083,280 and the available fee allotment by \$14,500 from \$139,940 to \$154,440. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$3,083,280. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$154,440 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>		Funding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$ 95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Totals	\$13,920,000	\$696,000	\$3,083,280	\$154,440

		OMB A	pproval #: 270342	
AMENDMENT OF SOLICITATION/MO	NEICATION OF CO	UTDACT	1. CONTRACT ID CODE	PAGE OF PAGES
			ONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
9	iig"1" 1999	4. REGUISIT	AH.1003	S. PROSECT NO. (# apparcasse)
6. ISSUED BY CODE	AUG 13 1999	7. ADMINIST	ERED BY (if other than Item 6)	CODE
National Aeronautics and Space Adr	ministration			
Langley Research Center	THINISURUON			
Hampton, VA 23681-0001				
mampion, VA 23061-0001				
8. NAME AND ADDRESS OF CONTRACTOR (No., stre	et county State and Zin Cou	40) (20)	9A. AMENDMENT OF SOLIC	TATION NO.
b. IN THE PROPERTY OF CONTINUOUS (No., and	ret, coorky, state, and zip coc	(x)	SAL AMENDMENT OF SOLIC	TATION NO.
The Aerospace Corporation				
2350 E. El Segundo Boulevard			98. DATED (SEE ITEM 11)	
		İ	ob. onico (occ //cm ///	
El Segundo, CA 90245-4691		<u> </u>	10A. MODIFICATION OF CO	VIDACTIONDED NO
		1		NIPOLIORDER NO.
		,	NAS1-99050	
		X		
AADE FAMILIA	0000		108. DATED (SEE ITEM 13)	-
CODE	CODE		11/19/98	
	######################################			
(c) By experate litter or telegram which includes a refere AT THE PLACE DESIGNATED FOR THE RECEIPT OF by virtue of this amendment you desire to change an office reference to the solicitation and this amendment, and is a reference to the solicitation and APPROPRIATION DATA (If rePR: AH.1003; R23816; \$10,000 (Cc. 13. THIS ITEM APPL)	oples of the amendment; (b) Ence to the solicitation and amoffers PRIOR TO THE HO or already submitted, such characteristic property of the opening house of	ly acknowledgin endment numbe UR AND DATE Inge may be man our and date sp FICATIONS IR NO. AS THE CHANGES	g receipt of this amendment on a re. FAILURE OF YOUR ACKNOTH SPECIFIED MAY RESULT IN Red by telegram or letter, provided ecified. BOF CONTRACTS/OR DESCRIBED IN ITEM	each copy of the offer submitted; or OWLEDGMENT TO BE RECEIVED EJECTION OF YOUR OFFER. If I each telegram or letter makes RDERS, 14. MADE IN THE CONTRACT
appropriation date, etc.) SET FORTH IN ITEM C. THIS SUPPLEMENTAL AGREEMENT IS E	14 PURSUALL TO THE AUT	HORITY OF FAI	R 13 103(b).	
	Ab activit	···		
D. OTHER (Specify type of modification and ac	urorty)			
E. IMPORTANT: Contractor X is not, is requ	ited to sign this document	and return	copies to the issuing o	
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by UCF section he	edinas includin	a solicitation/contract subject ma	offer where fresible.)
	, ,		• · · · · · · · · · · · · · · · · · · ·	
The purpose of this modification is to	incrementally fund the	he contract	in the amount of \$10.0	00 as follows:
	(Con	tinued)		
	(0011			
Except as provided herein, all terms and conditions of the				
15A. NAME AND TITLE OF SIGNER (Type or print)			ID TITLE OF CONTRACTING O	
		R. Brad	ley Gardner	
			1 V	1
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
		BY (w/ Jank	G-13-99
(Signeture of person authorized to sign)			nature of Contracting Officer)	0-13-11

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

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

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,525 from \$3,083,280 to \$3,092,805 and the available fee allotment by \$475 from \$1 54,440 to \$154,915. As a result thereof, paragraphs (a) and (b) of B4 are restated as follows:
- (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 \$3,092,805. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$154,915 is obligated under this contract for payment of fee.
- B All other terms and conditions remain unchanged.

		Value	Fur	nding
	Est Cost	Fixed Fee	Est. cost	Fixed Fee
Contract Awards	13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
$\mathbf{Mod} \ 2$	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mcd. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
	13,920,000	\$696,000	\$3,092,80 5	\$154,915

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- A. Section B., 8.4, Contract Funding, is modified to increase the available cost allotment by \$114,290 from 83,092,805 to \$3,207,095 and the available fee allotment by \$5,710 from \$154,915 to \$160,625. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$3,207,095. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- An additional amount of \$160,625 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

	V	alue	Fui	nding
	Est cost	Fixed Fee	Est. cost	Fixed Fee
Contract Award\$	13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1, 81 8,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. a	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	<u>O</u>	0	114,290	5,710
Totals61	3,920,000	\$696,000	\$3,207,095	\$160,625

Accounting and Appropriation Data

AH 1010; R23816; \$50,000 (Task 2/Complete) AH 1011; R23816; \$10,000 (Task 8/Complete) AH 1012; R23816; \$50,000 (Task 6/Complete)

AH 1013; R23816; \$10,000 (Task 10/Complete)

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2. AME	ENDMENT/MODIFICATION 11	N NO.	3. EFFECTIVE DATE	4. REQ		NPURCHASE REQ. AH.1016	NO.	5. PROJE	CT NO.	V applicable
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	itional Aeronautics Ingley Research C		aministration							
	ampton, VA 2368									
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- A. Section B, B.4, Contract Funding, is **modified** to increase the available **cost allotment by \$28,575** from \$3,207,095 to \$3,235,670 and the available fee **allotment** by \$1,425 from \$160,625 to \$162,050. A a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$3,235,670. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$162,050 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>		Funding
	Est cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
		0	275,580	13,795
Mod, 1	0	0	1,818,980	90,935
Mod 2	0	0	272,000	13,600
Mod. 3	0	0	17,100	855
Mod. 4	0	0	80,500	4,045
Mod. 5	0	0	112,240	5,640
Mod.6	0	_	•	•
Mod.7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mcd.9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	<u>0</u>	<u> 28,575</u>	1,425
Totals	\$13,920,000	\$696,000	\$3,235,670	\$162,050

	OMB Approval #: 2. Ju-0042					
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2		
2. AMENDMENT/MODIFICATION NO. 12	3. EFFECTIVE DATE		ON/PURCHASE REQ. NO. OBB.1027	5. PROJECT NO. (If applicable)		
6. ISSUED BY CODE	NOV 0 & 1889	7. ADMINIST	ERED BY (If other than Item 6)	CODE		
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration					
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Coo	76) (x)	9A. AMENDMENT OF SOLICIT	ATION NO.		
The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691			98. DATED (SEE ITEM 11)			
		 	10A. MODIFICATION OF CON	TRACT/ORDER NO.		
		x	NAS1-99050			
			108. DATED (SEE ITEM 13)			
	LITY CODE		11/19/98			
11. THIS ITE	M ONLY APPLIES TO	AMENDMEN	ITS OF SOLICITATION	S		
	ed prior to the opening hour and de (if reculred) O (Task 11) (Complete) PLIES ONLY TO MOD THE CONTRACT/ORD JRSUANT TO: (Specify authority) FORDER IS MODIFIED TO REFLIEM 14, PURSUANT TO THE AUTHORIST STATE OF THE AUTHORIST STA	IFICATIONS ER NO. AS THE CHANGES ECT THE ADMIN HORITY OF FAR	S OF CONTRACTS/OREDESCRIBED IN ITEM 1. SET FORTH IN ITEM 14 ARE MUST PROPERTY OF THE PROPERTY	DERS, 4. NDE IN THE CONTRACT ORDER		
E. IMPORTANT: Contractor X is not, I is not to be scription of AMENDMENT/MODIFICATE The purpose of this modification	a required to sign this docume ION (Organized by UCF section he	edings, including		r where feesible.)		
The purpose of this modification	•	ntinued)	in the amount of \$10,000	o as ionows.		
Except as provided herein, all terms and conditions						
15A. NAME AND TITLE OF SIGNER (Type or print			ID TITLE OF CONTRACTING OFF Hilstrom	FICER (Type or print)		
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	BY Alice	states of america	16C. DATE SIGNED		
(Signature of person authorized to sign) NSN 7540-01-182-8170	30-		nature of Contracting Officer)	17-2-99 10 FORM 30 (Rev. 10-83)		

NSN 7540-01-162-8070 PREVIOUS EDITION UNUSABLE 30-105

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

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 from \$3,235,670 to \$3,245,170 and the available fee allotment by \$500 from \$162,050 to \$162,550. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$3,245.170. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$162,550 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		Value	<u>Funding</u>		
	Est cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod.3	0	0	272,000	13,600	
Mod.4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	<u>0</u>	<u>o</u>	<u>9,500</u>	500	
Totals	\$13,920,000	\$696,000	\$3 , 245 , 170	\$162,550	

		**	OMB A	oproval #: 20042	
AME	NDMENT OF SOLICITATION	N/MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
	NOMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	IONPURCHASE REQ. NO.	5. PROJECT NO. (Vanolicable)
	13	NOV 1 6 1000		See Page 2	
6. IS\$t	JED BY COO	E 1404 T 0 1939	7. ADMINIST	ERED BY (If other than item 6)	CODE
	·				
	ational Aeronautics and Space	e Administration			
	angley Research Center ampton, VA 23681-0001				•
	empton, VA 23061-0001	•			
8. NAN	E AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLIC	TATION NO.
				1	
	ne Aerospace Corporation		ł		
	350 E. El Segundo Boulevard	l		9B. DATED (SEE ITEM 11)	
, E	Segundo, CA 90245-4691		<u> </u>	10A. MODIFICATION OF CO	TO LOT COMPANY
					TIRACI/ORDER NO.
			l x	NAS1-99050	
			^	10B. DATED (SEE ITEM 13)	MATERIAL PROPERTY AND ADMINISTRATION OF THE PROPERT
CODE	1 6	ACILITY CODE		11/19/98	
	11 THIS I	TEM ONLY APPLIES TO	MENDME		18
77.	he above numbered solicitation is amend				lended. is not extended.
Offers r	must acknowledge receipt of this amendm	ent prior to the hour and date specific	d in the solicitation	on or as amended, by one of the fi	
	· ·			-	
(a) By (completing Items 8 and 15, and returning trate letter or telegram which includes a n	copies of the amendment; (b) B	y acknowledging ment numbers	receipt of this amendment on ea FAILLIRE OF YOUR ACKNOWLS	ph copy of the offer submitted; or (c). DCAMENT TO BE RECEIVED AT
THE PL	ACE DESIGNATED FOR THE RECEIPT	OF OFFERS PRIOR TO THE HOUR	AND DATE SP	ECIFIED MAY RESULT IN REJIE	CTION OF YOUR OFFER. If by
virtue o	f this amendment you desire to change as olicitation and this amendment, and is rec	n offer aiready submitted, such change selved arior to the coening hour and da	e may be made b ste specified.	y telegram or letter, provided each	n telegram or letter makes reference
12. AC	COUNTING AND APPROPRIATION DA	TA (If required)			<u> </u>
S	ee Page 2				
		APPLIES ONLY TO MOD S THE CONTRACT/ORD			
(x)	A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Specify authority)	THE CHANGES	SET FORTH IN ITEM 14 ARE N	ADE IN THE CONTRACT ORDER
(~)	NO. IN ITEM 10A.				
X	B. THE ABOVE NUMBERED CONTRU appropriation date, etc.) SET FORTH IN	ACT/ORDER IS MODIFIED TO REFL NITEM 14. PURSUANT TO THE AUT	ECT THE ADMII HORITY OF FAI	NISTRATIVE CHANGES <i>(such al</i> R 43.103(b).	changes in paying office,
	C. THIS SUPPLEMENTAL AGREEME				
	D. OTHER (Specify type of modification	n and authority)			
		Lie and in the sign this decrees	at and rates	copies to the issuing	
14 DE	PORTANT: Contractor X is not, SCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF section he	edings, includin	g solicitation/contract subject mut	er where feasible.)
				•	
Tl	he purpose of this modification	on is to incrementally fund t	he contract	in the amount of \$400.0	000 as follows:
		, , , , , , , , , , , , , , , , , , , ,		•	
		(Cor	ntinued)		
Euros	as provided herein, all terms and condition	ne of the document referenced in Herr	94 or 104 as h	eratologa changed remains unch	enced and in full force and effect
	AME AND TITLE OF SIGNER (Type or p		16A. NAME A	ND TITLE OF CONTRACTING O	FFICER (Type or print)
1000			Sharyn	Hilstrom	
15B. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
			BY Aha	rin Wilster	m
	(Signature of person authorized to sign)			gnature of Contracting Officer)	11-16-99
	340-01-152-8070	30-		STANDA	RD FORM 30 (Rev. 10-83)
PREVI	OUS EDITION UNUSABLE			Prescribed	by GSA FR) 53.243
				FAR (40 C	r ry waterw

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- A. Section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$380,332 from \$3,245,170 \$3,625,502 and the available fee allotment by \$19,668 from \$182,218. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$3,625,502. This allotment is for the performance of work in accordance with the limitations and completion dates as set forthin task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$182,218 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	V	alue	Funding		
	Est Cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,76 0	
M d . 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	<u>0</u>	<u>0</u>	380,332	19,668	
Totals	\$13,920,000	\$696,000	\$3,625,502	\$182,218	

Block 12. Accounting and Appropriation Data:

PR AH.1017;R-24461;29790000100;\$200,000 (Complete) (Task6)

PR AH.1018; R-24461; 29790000100; \$200,000 (Complete) (Task8)

			UMB A	pproval #: _/00-0042	
		101701 05 00		1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQ				ION/PURCHASE REQ. NO.	1 2
2. AMENDMENT/MODIFICATION NO.	NA	1 7 1999		See Page 2	5. PROJECT NO. (# applicable)
6. ISSUED BY CODE	HUY	1 1 1999		ERED BY (If other than Item 6)	CODE
	<u> </u>		†		
National Aeronautics and Space	Admin	ictration			
Langley Research Center	Admin	isu auori			
Hampton, VA 23681-0001					
8. NAME AND ADDRESS OF CONTRACTOR (No	street, c	ounty, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.

The Aerospace Corporation			· ·		
2350 E. Et Segundo Boulevard				9B. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691				10A. MODIFICATION OF CO	NTRACT/ORDER NO
			·	NAS1-99050	
			\	NAS 1-99050	
				108. DATED (SEE ITEM 13)	
2005	LITY CO	he	I		
				11/19/98	
11. THIS ITE	M ON	Y APPLIES TO	AMENDME	NTS OF SOLICITATION	NS
The above numbered solicitation is amended					dended, is not extended.
Offers must acknowledge receipt of this amendmen	t prior to ti	he hour and date specific	d in the solicitation	on or as amended, by one of the f	following methods:
(a) By completing Items 8 and 15, and returning	copies	of the amendment; (b) I	By acknowledging	receipt of this amendment on ea	ich copy of the offer submitted; or (c)
By separate letter or telegram which includes a refe					
THE PLACE DESIGNATED FOR THE RECEIPT O	ffor alread	is Prook 10 THE HOU! Is submitted, such chang	e may be made b	v telegram or letter, provided eac	th telegram or letter makes
reference to the adilcitation and this amendment, an	id is receiv	red prior to the opening I	nour and date spe	cified.	
12. ACCOUNTING AND APPROPRIATION DATA	(If require	d)			
See Page 2					
				S OF CONTRACTS/OF	
	THEC	ONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.
(X) A. THIS CHANGE ORDER IS ISSUED P	UKSUAN	1 10: (Specify authority)	I ME CHANGE	SELFORINITEM 14 ARE	MADE IN THE CONTRACT ORDER
X B. THE ABOVE NUMBERED CONTRAC	TIOPOSE	IS MODIFIED TO PEE	ECT THE ADMI	NISTRATIVE CHANGES (such a	e channe in neutra affine
appropriation date, etc.) SET FORTH IN I	TEM 14, P	URSUANT TO THE AU	THORITY OF FA	R 43.103(b).	o cranges at paying circo,
C. THIS SUPPLEMENTAL AGREEMENT					
D. OTHER (Specify type of modification a	nd author	ity)			
				·	
E. IMPORTANT: Contractor X is not, is	s require	d to sign this docume	nt and return	copies to the issuing	
14. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Org	anized by UCF section f	eadings, includin	ig solicitation/contract subject mai	ller where feasible.)
The purpose of this modification	is to in	crementally fund	the contract	in the amount of \$40,0	00 as follows:
		(Co	ntinued)		
Except as provided herein, all terms and conditions		rument referenced in Iter			
15A. NAME AND TITLE OF SIGNER (Type or prin	Ų		B	ND TITLE OF CONTRACTING O	remoien (Type or print)
			i Snaryn	n Hilstrom	
		SC DATE CICNED	100 INSTER	STATES OF AMERICA	16C. DATE SIGNED
15B. CONTRACTOR/OFFEROR	. 1	5C. DATE SIGNED	108. UNITED	STATES UP AMERICA	10C. DATE SIGNED
]		BY Alice	iran Milation	m , , , , , , ,
(Signeture of person authorized to sign)				gnature of Contracting Officer)	11-17-99
NGN 7640.01_160.8070		30.	105	STANDA	RD FORM 30 (Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

A. section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$38,000 from \$3,625,502 to \$3,663,502 and the available fee allotment by \$2,000 from \$182,218 to \$184,218. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:

- (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 \$3,663,502. This allotment is for the performance ob work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$184,218 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

		Value	Funding		
	Est Cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod.3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	- 6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	<i>5,7</i> 10	
Mod. 11	0	0	28, 575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	Q	<u>o</u>	38,000	<u>2,000</u>	
Totals	\$13,920,000	\$696,000	\$3,663,502	\$184,218	

Block 12. Accounting and Appropriation Data:

PR AH.1014; R-24355; 40989000300; \$30,000 (Complete) (Task7)

R OBB.1030; R-25076; 83940005000; \$10,000 (Complete) (Task12)

-					Or	NR V	pproval #: 1 0042		
					NITO 4 0	_	1. CONTRACT'12 CODE		PAGE OF PAGES
AMENDMENT OF SOLICITATION	MODI	FICA	IIIO	N OF CO	NIKAC	HOLT	ON/PURCHASE REQ. NO.	- 12 32	1 2 ROJECT NO. (If applicable)
2. AMENOMENT/MODIFICATION NO. 15		FECTI		1000	- rec	U13(1)	ONPURCHASE REG. NO. OBB.1032	3. PA	IVISOT INU. (IF SPIDICEDIO)
6. ISSUED BY CODE	 N t	₩.	18	-1888 -	7. ADM	INIST	ERED BY (If other than Item	(6) CO	δ€ T
v. 1990ED 81		<u> </u>			┤ ```			<i>_,</i>	
A4 41 1 A mm. Alon d O	A .l		- 4*		ł				
National Aeronautics and Space	Admi	nistra	ation						
Langley Research Center									
Hampton, VA 23681-0001					J				
				/ -:	1		A AMENOMENT OF C	N INTATA	
8. NAME AND ADDRESS OF CONTRACTOR (No.	., street,	county	, State	, and ZIP Coo	7 0)	(x)	9A. AMENDMENT OF S	JUGHAHOR	rno.
The Aerospace Corporation									
2350 E. El Segundo Boulevard					- 1		9B. DATED (SEE ITEM	(1)	
El Segundo, CA 90245-4691					L				
					- 1		10A. MODIFICATION OF	CONTRACT	MORDER NO.
							NAS1-99050		
					İ	X			
					[108. DATED (SEE ITEM	13)	
CODE FAC	LITY CO	DOE					11/19/98		
	MON	II V /	\ DDI	IES TO	MEND	MEN	ITS OF SOLICITAT	'IONS	
						********			77.
The above numbered solicitation is amended	as set fo	orth in I	tem 14	l. The hour a	nd date spi	cified	for receipt of Offers	is extended,	is not extended.
Offers must acknowledge receipt of this amendmen	t prior to	the no	ur and	date specifie	d in the soil	CRETIO	n or as amended, by one or	пие комонила	memoge:
(a) By completing Items 8 and 15, and returning	copie	s of th	e ame	ndment; (b) B	y acknowle	dging	receipt of this amendment	on each capy	of the offer submitted; or (c)
Chi agravata latter or television which includes a refer	rence to	the sol	icitatio	n and amend	ment numb	ers. F	FAILURE OF YOUR ACKIN	WLEDGME	AT TO BE RECEIVED AT
THE PLACE DESIGNATED FOR THE RECEIPT O	F OFFE	RS PR	IOR TO	O THE HOUR	RAND DAT	E SPt ada h	:CIFIED MAY KESULI IN I	desertion	en or letter makes
reference to the solicitation and this amendment, an	d is rece	nived or	rior to t	the opening h	our and dat	e spe	cified.		
12 ACCOUNTING AND APPROPRIATION DATA	(If requir	red)							'
PR OBB.1032; R-23499; 210100	00100	0; \$4	0,000	0 (Comple	ete) (Ta	<u>sk 1</u>	1)		
							OF CONTRACTS		S ,
IT MODIFIES	THE	CON	ITRA	CT/ORD	ER NO.	AS	DESCRIBED IN IT	<u>EM 14.</u>	
(X) A. THIS CHANGE ORDER IS ISSUED P	URSUA	NT TO:	(Spec	cify authority)	THE CHA	NGES	SET FORTH IN ITEM 14/	RE MADE IN	I THE CONTRACT ORDER
NO. IN ITEM 10A.									
					 				
X B. THE ABOVE NUMBERED CONTRAC	TORDE	RISM	ODIF	ED TO REFL	ECT THE	ADMIN	NISTRATIVE CHANGES (\$1 12 42 102(b)	ich as chang	es in paying office,
approprietion date, etc.) SET FORTH IN IT								· · · · · · · · · · · · · · · · · · ·	<u> </u>
C. THIS SUPPLEMENTAL AGREEMENT	r is ent	ERED	INTO	PURSUANT	TO AUTHO	HIIY	OF:		
									
D. OTHER (Specify type of modification a	ng auur	onty)							
		-d to	aiaa H	hie dogume	at and ret		copies to the iss	ulan affice	
E. IMPORTANT: Contractor X is not. I	TION (O	men/z	algri u	ICE section b	eadings in	cludin	a solicitation/contract subject	t matter who	re feesible.)
14. DESCRIPTION OF AMERICANCE (MODIFICA	1104 (0	yen maa	iu sy c	or section in	ooungo, nr	or Com 13	, commission round and a surject	.,	
The number of the modification	io to i	noro	mant	ally fund (the cont	root	in the emount of CA	0 000 00	follows:
The purpose of #is modification	is to ii	ncrei	nent		the cont	ract	in the amount of \$4	0,000 as	ionows.
				(Cor	ntinued))			
	_								
Except as provided herein, all terms and conditions		ocumer	nt refer	enced in Item	9A or 10A	, as he	pretofore changed, remains	unchanged a	ng in full force and effect.
15A. NAME AND TITLE OF SIGNER (Type or print	()			-			ID TITLE OF CONTRACTI	IG OFFICER	(Type or print)
					Sha	aryn	Hilstrom		
15B. CONTRACTOR/OFFEROR		15C. (DATE	SIGNED	16B. UN	TED S	STATES OF AMERICA		16C. DATE SIGNED
					ان ما	11/2	Line William	trami	
	—				ву 🔀		insture of Contracting Office		11-18-99
(Signature of person authorized to sign)				20	105	(SIG			RM 30 (Rev. 10-83)
NSN 7540-01-152-8070				30-	100		. SIA	TURNE FU	ACT OF 11/24. 10,001

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$38,118 from \$3,663,502 to \$3,701,620 and the available fee allotment by \$1,882 from \$184,218 to \$186,100. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive offee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$3,701,620. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth m task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$186,100 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Va	lue	Funding		
	Est Cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	<u>38,118</u>	1,882	
Totals	\$13,920,000	\$696,000	\$3,701,620	\$186,100	

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				1. CONTRACT ID CODE	PAGE OF PAGES
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	ational Aeronautics and Space	AUTIITIOLI AUUTI			
	angley Research Center				
H	ampton, VA 23681-0001				
S. NAA	HE AND ADDRESS OF CONTRACTOR (No	., street, county, State, and Zip Cod	e) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
71	ne Aerospace Corporation				
		•		98. DATED (SEE ITEM 11)	
	350 E. El Segundo Boulevard		ŀ		
E	Segundo, CA 90245-4691		<u></u>		
				10A. MODIFICATION OF CO	NTRACT/ORDER NO.
			· · · · · · · · · · · · · · · · · · ·	NAS1-99050	
			l x		
			1 ^	10B. DATED (SEE ITEM 13)	**************************************
				1	
CODE		LITY CODE		11/19/98	
	11. THIS ITE	M ONLY APPLIES TO A	MENDME	NTS OF SOLICITATION	NS
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ייש	The above numbered solicitation is amended must acknowledge receipt of this amendmen	was sectoral in loan 14. In a nout at	ru care specified	I for receipt or Citers [18 60]	
Official	must acknowledge receipt of this amendmen	prior to the nour and date specified	i iii une solicitatio	er or as amended, by one of the !	Charles Industrial
(g)	completing items 8 and 15, and returning	cooles of the amendment: (h) Ri	v acknowledoino	receipt of this amendment on as	ich copy of the offer submitted: or (a)
Av man	acuta letter or telegram which includes a refe	rence to the solicitation and amendr	nent numbers. 1	FAILURE OF YOUR ACKNOWLI	EDGMENT TO SE RECEIVED AT
THE P	ACE DESIGNATED FOR THE RECEIPT O	F OFFERS PRIOR TO THE HOUR	AND DATE SP	ECIFIED MAY RESULT IN REJE	ECTION OF YOUR OFFER. If by
	f this amendment you desire to change an o	ffer already submitted, such change	may be made b	y telegram or letter, provided eac	h telegram or letter mekes
virtue o		the same and the first and the contract of the		-18-A	
referen	oe to the selfchation and this amendment, an		our and date spe	cified.	
12. AC	COUNTING AND APPROPRIATION DATA	(If required)		cified.	
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- A. Section B., 8.4, Contract Funding, is modified to increase the available cost allotment by \$8,008 from \$3,701,620 to \$3,709,628, with no change to the available fee allotment. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$3,709,628. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$186,100 is obligated under this contract fur payment of fee.
- B. All other terms and conditions remain unchanged.

	V alue			Funding		
	Est Cost	. Fixed	Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,	,000,	\$95,24 0	\$4,760	
Mad. 1	0		0	<i>2</i> 75 , 580	13,795	
Mod 2	0		0	1,818,980	90,935	
Mod. 3	0		0	272,000	13,600	
Mod. 4	0		0	17,100	855	
Mod. 5	0		0	80,500	4,045	
Mod. 6	0		0	112,240	5,640	
Mod. 7	0		0	125,690	6 , 310	
Mod. 8	0		0	285,500	14,500	
Mod, 9	0		0	9,525	475	
Mod. 10	0		0	114,290	5,710	
Mod. 11	0		0	28,575	1,425	
Mod. 12	0		0	9,500	500	
Mod. 13	0		0	380,332	19,668	
Mod. 14	0		0	38,000	2,000	
Mod. 15	Ω		Ω	38,118	1,882	
Mod. 16	0		0	<u>8,008</u>	· <u>0</u>	
Totals	\$13,920,000	\$696	,000	\$3,709,628	\$186,100	

		OMB A	pproval #: 2, u0-0042	
AMENDMENT OF SOLICITATION			1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENOMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ON/PURCHASE REQ. NO.	5. PROJECT NO. (# applicable)
6. ISSUED BY CODE	DEC 1 4 1999		See Page 2 ERED BY (If other than Item 6)	CODE
e. ISSUED BY		- " ADMINIST	ERED DT (II QUINT VIAN INN 6)	
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	(x)	9A. AMENDMENT OF SOLIC	CITATION NO.
The Aerospace Corporation 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691			9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO	INTRACT/ORDER NO.
			NAS1-99050	
		X		
			108. DATED (SEE ITEM 13)	
CODE	LITY CODE		<u> 11/19/98</u>	
11. THIS ITE	MONLY APPLIES TO	<u>AMENDME</u>	<u>NTS OF SOLICITATIO</u>	NS
The above numbered solicitation is amended offers must acknowledge receipt of this amendment		•	•	idended, is not extended. following methods:
By séparate letter or telegram which includes a refer THE PLACE DESIGNATED FOR THE RECEIPT Of virtue of this amendment you desire to change an of reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (See Page 2	ence to the solicitation and amend FOFFERS PRIOR TO THE HOU ler already submitted, such change is received prior to the opening	dment numbers. If R AND DATE SPI is may be made brown and date spe	FAILURE OF YOUR ACKNOWL ECIFIED MAY RESULT IN REJI y telegram or letter, provided eac cified.	ECTION OF YOUR OFFER. If by ch telegram or letter makes
	THE CONTRACT/ORD			
(x) A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.				
X B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT	EM 14, PURSUANT TO THE AU	THORITY OF FAI	R 43.103(b).	es changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification ar	nd authority)			
E. IMPORTANT: Contractor X is not, is	required to sign this docume	nt and return	copies to the issuing	office
14. DESCRIPTION OF AMENDMENT/MODIFICAT				
The purpose of this modification i	s to incrementally fund	the contract	in the amount of \$248,	,872 as follow:
	(Co	ntinued)		
Except as provided herein, all terms and conditions of				
15A. NAME AND TITLE OF SIGNER (Type or print))	1	ND TITLE OF CONTRACTING (Hilstrom	OFFICER (Type or print)
15B. CONTRACTOR/OFFEROR	I 15C. DATE SIGNED	16B. UNIVED	STATES OF AMERICA	16C. DATE SIGNED
139. CONTINUE ONOFFERON	ISO. DATE SIGNED	IVO. UNIVED	11 1 in	- JOC. UATE SIGNED
		BY Stra	iren Justa	12-14-99
(Signature of person authorized to sign) NSN 7540-01-152-8070	<u> </u>	105 (Sig	nature of Contracting Officer)	ARD FORM 30 (Rev. 10-83)
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Prescribed by GSA FAR (48 CFR) 53.243

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$237,490 from \$3,709,628 to \$3,947,118 and the available fee allotment by \$11,382 from \$186,100 to \$197,482. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$3,947,118. This allotment is for the performance of work in accordance with the limitations and completion dates as set forthin task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$197,482 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

Contract Tabulation

		Value	Funding		
	Est cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,76 0	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6 ,31 0	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	- 0	0	28,57 5	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	2,882	
Mod. 16	0	0	8,008	. 0	
Mod. 17	0	<u>0</u>	<u>237,490</u>	<u>11,382</u>	
Totals	\$13,920,000	\$696,000	\$3,947,118	\$197,482	

Block 12. Accounting and Appropriation Data

PR AH.1023; R24461; 29790000100; \$64,371; Task 2 (Complete PR AH.1022; R24461; 29790000100; \$184,501; Task 8 (Complete)

MENDAMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMBRICAMENT/MODIFICATION NO. 3. EFFECTIVE DATE 18 CODE 19 CODE 18 CODE				OMB A	pproval #: 2700	12			
A REQUISITION/PURCHASE REC. NO. A PROJECT NO. (If appales and the provided provided in the social part of the semantic part of the							PAGE 0	FPAGES	
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- **A.** Section **B.**, **B.4**, Contract Funding, **is** modified to increase the available cost allotment by \$48,199, and the available fee allotment by \$2,401. **As** a result thereof, paragraphs (a) and (b) of **B.4** are restated as follows:
- (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 \$3,995,317. This allotment is €orthe performance of work in accordance with the limitations and completion dates as set forthin task orders authorized by the Contracting Officer.
 - (b) An additional amount & \$199,883 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>		Funding
	Est cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	Φ10,720,000	0	275,580	13,795
	0	0	1,818,980	90,935
Mod 2	_	-	, ,	•
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod.5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5 <i>,7</i> 10
Mod. 11	0	0	28,575	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod.15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	<u>Q</u>	0	<u>48,199</u>	<u>2,401</u>
Totals	\$13,920,000	\$696,000	\$3,995,317	\$199,883

	OMB Approval #: 2, 0042					
ANCE	NOMENT OF SOLICITATION	MODIFICATION OF COL	NTBACT	1. CONTRACT ID CODE	PAGE OF PAGES	
	NOMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ONPURCHASE REQ. NO.	5. PROJECT NO. (# applicable)	
	19	JAN 1 0 2000		AH.1024		
6. ISSL	JED 8Y CODE	JAN I O ZOOO	7. ADMINIST	ERED BY (If other than Item 6)	CODE	
La	ational Aeronautics and Space angley Research Center ampton, VA 23681-0001	Administration				
8. NAN	IE AND ADDRESS OF CONTRACTOR (NO	o., street, county, State, and Zip Cod	(e) (x)	9A. AMENDMENT OF SOLICI	TATION NO.	
23	ne Aerospace Corporation 350 E. El Segundo Boulevard Segundo. CA 90245-4691			9B. DATED (SEE ITEM 11)		
	_		Į .	10A. MODIFICATION OF COM	NTRACT/ORDER NO.	
				NAS1-99050		
			X			
CODE		CILITY CODE		108. DATED (SEE ITEM 13)		
CODE		EM ONLY AT FILIES TO A	AZENDAZE	11/19/98	16	
	11. The above numbered splicitation is amended				ended, is not extended.	
By sept THE PL virtue of reference 12. AC		prence to the solicitation and amends of OFFERS PRIOR TO THE HOUR offer already submitted, such change in is received prior to the opening ha off required) 000100; \$40,000; Task 6 (PPLIES ONLY TO MODI OTHE CONTRACT/ORDE PURSUANT TO: (Specify authority) CT/ORDER IS MODIFIED TO REFLE TEM 14, PURSUANT TO THE AUT	nent numbers. F AND DATE SPI may be made by our and date spe (Complete) FICATIONS ER NO. AS THE CHANGES	FAILURE OF YOUR ACKNOWLE CIFIED MAY RESULT IN REJE by telegram or letter, provided each cified. SOF CONTRACTS/OR DESCRIBED IN ITEM 15 SET FORTH IN ITEM 14 ARE NOT A SET FORTH IN ITEM 14 ARE NOT A SET FORTH IN ITEM 15 ARE NOT A SET FORTH IN ITEM 16	DERS, 14. IADE IN THE CONTRACT ORDER	
	D. OTHER (Specify type of modification :	and authority)				
14. DE	PORTANT: Contractor X is not, Scription of AMENDMENT/MODIFICA	TION (Organized by UCF section he	adings, including		ler where fessible.)	
		(Con	tinued)			
	as provided herein, all terms and conditions AME AND TITLE OF SIGNER (Type or prin		16A. NAME A	eretofore changed, remains unche NO TITLE OF CONTRACTING OF HIISTrom	enged and in full force and effect. FFICER (Type or print)	
15B. C	ONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED	
			BY Du	arem Wilstra	w l	
	(Signature of person authorized to sign)			nature of Contracting Officer)	1-10-00	
	540-01-152- 6 070	30-1	05		RD FORM 30 (Rev. 10-83)	
PREVIO	DUS EDITION UNUSABLE			Prescribed FAR (48 C		

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A. section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$38,095, and the available fee allotment by \$1,905. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:

- (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 \$4,033,412. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$201,788 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	V	alue	Fund	ing
	Est cost	Fixed Fee	Est.cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4 , 760
Mod. 1	0	0	275,580	13 ,79 5
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	0	28,575	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401
Mod. 19	<u>0</u>	0	38,095	1,905
Totals	\$13,920,000	\$696,000	\$4,033,412	\$201,788

***				010) 2040	
				OMB /	Approval #: \(\(\(\)_\.\)-0042 I 1. CONTRACT ID CODE	PAGE OF PAGES
MEN	DMENT OF SOLIC	ITATION/	MODIFICATION OF C	ONTRACT		1 2
AMEN	DMENT/MODIFICATION N 20	iO.	3. EFFECTIVE DATE	4. REQUISI	TION/PURCHASE REQ. NO. AH.1027	5. PROJECT NO. (If applica
ISSUE		CODE	JAN 2 1 2000	7. ADMINIS	TERED BY (If other than Item 6)	CODE
Lan	tional Aeronautics angley Research Cel Empton, VA 23681-	nter -	Administration			
NAME	AND ADDRESS OF CON	TRACTOR (No	., street, county, State, and Zip (Code) (x)	9A. AMENDMENT OF SOU	CITATION NO.
The	e Aerospace Corpo	ration				
	50 E. El Segundo B				9B. DATED (SEE ITEM 11)	
	Segundo, CA 9024				10A. MODIFICATION OF CO	
				İ	NAS1-99050	ONTRACT/ORDER NO.
				l x		
					10B. DATED (SEE ITEM 13)
DE	· · · · · · · · · · · · · · · · · · ·	1 .	ILITY CODE		11/19/98	
	11	. THIS ITE	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIC	NS
T The	a shows numbered solicitati	ion is amended	as set forth in Item 14. The hou	r and date specific	d for receipt of Offers is a	extended. is not extended
E PLA ue of the ACC	ICE DESIGNATED FOR THE his amendment you desire includes and this amendment OUNTING AND APPROPERTY AH. 1027; R-2446	includes a refe RECEIPT O to change an o at, and is received. RIATION DATA 51; 297900	rence to the solicitation and ame F OFFERS PRIOR TO THE HO fler already submitted, such cha sed prior to the opening hour and (If required) 00100; \$10,000; Task	b) By acknowledging andment numbers. UR AND DATE SF inge may be made to date specified. 13 (Complete	g receipt of this amendment on a FAILURE OF YOUR ACKNOWN PECIFIED MAY RESULT IN REJ by telegram or letter, provided each of the provided each of the period	sech copy of the offer submitted; LEDGMENT TO SE RECEIVED IECTION OF YOUR OFFER. If is such telegram or letter makes refe
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NAS1-99050Modification **No. 2**0

A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:

- 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 \$4,042,912. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$202,288 is obligated under this contract for payment offee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>		<u>Funding</u>
	Est Cost	Fixed Fee	Est. cost	Fixed Fee
	640 000 000	#404,000	to= 040	04.7740
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1 , 818 ,9 80	90,935
Mod. 3	0	0	272,000	13,600
Mod.4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod.6	0	0	112,240	5,640
Mod.7	0	0	125,690	6,310
Md.8	0	0	285,500	14,500
Mod.9	0	0	9,525	475
Mod. 10	0	0	114,290	5 <i>,</i> 7 10
$\mathbf{Mod.}11$	0	0	28,575	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	0	0	48 , 199	2,401
Mod. 19	0	0	38,095	1,905
Mod. 20	<u>0</u>	<u>0</u>	<u>9,50</u> 0	500
Totals	\$13,920,000	\$696,000	\$4,042,912	\$202,288

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENTANCOPIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REC. NO. 4. NECOSITION/PURCHASE REC. NO. 4. NECOSITION/PURCHASE REC. NO. 5. PROJECT NO. (if appelled No. 10 of the control of the c				grif Hanna de la companya de la companya de la companya de la companya de la companya de la companya de la companya		OMB A	Approval #: 2, 0042		
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Obers must admonisted a mandment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing learn is and 15, and returning									
D. OTHER (Specify type of modification and authority) E. INPORTANT: Contractor X is not. is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to incrementally fund the contract in the amount of \$26,000 as follows: (Continued) Except se 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 effection. 15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNER (Signature of person authorized to sign)	(x)	R:AH.1029 R-244 13. TI IT A. THIS CHANGE ORDI NO. IN ITEM 10A. B. THE ABOVE NUMBE	HIS ITEM AF MODIFIES ER IS ISSUED PU	00100; \$26,00 PPLIES ONLY THE CONTR PREJUANT TO: (SP	Y TO MODI ACT/ORDI ecity authority)	IFICATION ER NO. AS THE CHANGE	IS OF CONTRACTS/(S) DESCRIBED IN ITEL S SET FORTH IN ITEM 14 AR INISTRATIVE CHANGES (SUC)	M 14. E MADE IN T	
E. INPORTANT: Contractor X is not. is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification is to incrementally fund the contract in the amount of \$26,000 as follows: (Continued) 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 effection. NAME AND TITLE OF SIGNER (Type or print) 18A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharyn Hilstrom 15C. DATE SIGNED (Signature of person authorized to sign) (Signature of Contracting Officer)		C. THIS SUPPLEMENT	AL AGREEMENT	IS ENTERED INTO	PURSUANT	TO AUTHORIT	Y OF:		
The purpose of this modification is to incrementally fund the contract in the amount of \$26,000 as follows: (Continued) 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 effection. NAME AND TITLE OF SIGNER (Type or print) 15A. NAME AND TITLE OF SIGNER (Type or print) 15C. DATE SIGNED 15C. DATE SIGNED (Signature of person authorized to sign) 16D. Signature of Contracting Officer) 16D. DATE SIGNED (Signature of Contracting Officer)		D. OTHER (Specify type	of modification a	nd authority)	· · · · · · · · · · · · · · · · · · ·	i i			
The purpose of this modification is to incrementally fund the contract in the amount of \$26,000 as follows: (Continued) 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 effection. NAME AND TITLE OF SIGNER (Type or print) 15A. NAME AND TITLE OF SIGNER (Type or print) 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY Sharyn States OF AMERICA (Signature of person authorized to sign)		CONTANT: Controler	Y is not I is	required to sign	this documen	nt and return	copies to the issui	na office	<u>, , , , , , , , , , , , , , , , , , </u>
The purpose of this modification is to incrementally fund the contract in the amount of \$26,000 as follows: (Continued) 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 effection. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharyn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY (Signature of person authorized to sign) 16C. DATE SIGNE 2-1-00	14. DE	SCRIPTION OF AMENDM	ENTIMODIFICAT	ION (Organized by	UCF section he	eadings, includi	ng solicitation/contract subject i	natter where f	easible.)
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 (Type or print) 18A. NAME AND TITLE OF SIGNER (Type or print) 18B. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharryn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED (Signature of person authorized to sign) 15C. DATE SIGNED (Signature of Contracting Officer)	П	he purpose of this i	modification	is to incremer	•		et in the amount of \$26	i,000 as fo	illows:
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharyn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY (Signature of person authorized to sign) 16C. DATE SIGNE 32-1-00					(Cor	ntinued)			
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharyn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY (Signature of person authorized to sign) (Signature of Contracting Officer)		and the second s							
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Sharyn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY (Signature of person authorized to sign) (Signature of Contracting Officer)				of the dominant and	ionanced in Hom	9A or 104 en	heratofore channed remains a	hne bennedor	in full force and effect
Sharyn Hilstrom 15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA BY Signature of person authorized to sign) 16C. DATE SIGNE BY (Signature of Contracting Officer) 2-1-00	15A N	IAME AND TITLE OF SIGN	ER (Type or print	ci ale document fer	9:91:00U III 110H	18A. NAME	AND TITLE OF CONTRACTING	OFFICER (1	ype or print)
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED (Signature of person authorized to sign) 15C. DATE SIGNED 16B. UNITED STATES OF AMERICA 16C. DATE SIGNED 2-1-00			and the second second	.					
(Signature of person authorized to sign) BY Aharyn Stillation 2-1-00 (Signature of Contracting Officer)		en en en en en en en en en en en en en e							
(Signature of person authorized to sign) (Signature of Contracting Officer)	158. Č	ONTRACTOR/OFFEROR		15C DATI	E SIGNED	16B. UNITED	STATES OF AMERICA		16C. DATE SIGNED
(Signature of person authorized to sign) (Signature of Contracting Officer)				ĺ		BY Sh	aryn Ilila	10m	2-1-1-
MEN 7540.01-152.0070 30-105 STANDARD FORM 10 (Rev. 10.83)			orized to sign)			<u> </u>			
PREVIOUS EDITION UNUSABLE Prescribed by GSA		540-01-152-8070			30-	105			M 30 (Rev. 10-83)



- A. Section B, 8.4, Contract Funding, is modified to increase the available cost allotment by \$24,759 and the available fee allotment by \$1,241. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total mount allotted by the Government to this contract is \$4,067,671. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$203,529 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

		<u>Value</u>		Funding
	Est Cost	Fixed Fee	Est. cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6 .	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	0	28375	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod.15	0	0	38 , 118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401

	7	/alue	Funding	
	Est cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 19 Mod. 20	0	0	38,095 9,500	1,905 500
Mod. 21 Totals	<u>0</u> \$13,920,000	<u>0</u> \$696,000	24,7 <u>59</u> \$4,067,671	1,241 \$203,529

			OMB A	pproval #: 2700-0042	
AME	NDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 3
	NOMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (# applicable)
4. / 4	22	FED 0 1 2000		OBB.1046	
6. ISS	UED BY CODE	1 FP A 1 5000	7. ADMINIST	ERED BY (if other than item 6)	CODE
			1		
N:	ational Aeronautics and Space	Administration			
	angley Research Center				
	ampton, VA 23681-0001				
8. NAA	ME AND ADDRESS OF CONTRACTOR (NO	o., street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLIC	CITATION NO.
T	he Aerospace Corporation		ļ		
2:	350 E. El Segundo Boulevard			9B. DATED (SEE ITEM 11)	
Ē	I Segundo, CA 90245-4691				
				10A. MODIFICATION OF CO	INTRACT/ORDER NO.
			1	NAS1-99050	
			X		
	and the second second		·	108. DATED (SEE ITEM 13)	
CODE	FAC	CILITY CODE		11/19/98	
·	11 THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SOLICITATIO	NS
					extended. is not extended.
	The above numbered solicitation is amended must acknowledge receipt of this amendment	nt prior to the hour and data specifie	d in the solicitation	on or as amended, by one of the	
Oners	must acknowledge receipt or this amendmen				
(a) By	completing Items 8 and 15, and returning	copies of the amendment; (b) B	y acknowledging	receipt of this amendment on e	ech copy of the offer submitted; or (c)
	completing terms of and 15, and reduting	ecence to the edicitation and amend	ment numbers.	FAILURE OF YOUR ACKNOW!	EDGMENT TO BE RECEIVED AT
THEP	LACE DESIGNATED FOR THE RECEIPT (of this amendment you desire to change an (offer already submitted, such change	e may be made t	by telegram or letter, provided ea	ich telegram or letter makes
referen	rce to the adicitation and this amendment, a	nd is received prior to the opening h	our and date spe	cified.	
	COUNTING AND APPROPRIATION DATA				
Р	R:OBB.1046; R-24161; 83920	000100; \$35,060; Task 1	4 (Complete	3)	
	13. THIS ITEM A	APPLIES ONLY TO MOD	IFICATION	S OF CONTRACTS/O	RDERS,
	IT MODIFIES	THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	14.
(x)	A. THIS CHANGE ORDER IS ISSUED F	PURSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE	MADE IN THE CONTRACT ORDER
	NO. IN ITEM TOA.				
		ATIONOMO IO MODIFICO TO OFFI	FOT THE ADAM	MICTRATIVE CHANGES (Auch	no observa in on ing office
X	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH IN	CT/ORDER IS MODIFIED TO REFI ITEM 14. PURSUANT TO THE AUT	THORITY OF FA	NISTRATIVE CHANGES (SUCH R 43.103(b).	as changes in paying once,
	C. THIS SUPPLEMENTAL AGREEMEN				
	C. THIS SUPPLEMENTAL AGREEMEN	II IS ENTERED INTO TOROUGHT	107011101111	· \	
	D. OTHER (Specify type of modification	and authority)			
E IN	PORTANT: Contractor X is not,	is required to sign this docume	nt and return	copies to the issuin	g office.
14. DI	ESCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF section h	eadings, includir	ng solicitation/contract subject m	álter where feesible.)
Т	The purpose of this modification	n is to incrementally fund	the contract	in the amount of \$35.0	060 as follows:
		,		,	
		(Co	ntinued)		
			,		
		to s o the object be st file			
Excen	t as provided herein, all terms and condition	s of the document referenced in Item	n 9A or 10A, as l	neretofore changed, remains und	changed and in full force and effect.
	NAME AND TITLE OF SIGNER (Type or pri		16A. NAME A	IND TITLE OF CONTRACTING	OFFICER (Type or print)
			Sharyr	Hilstrom	
			1		
158.	CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNIVED	STATES OF AMERICA	16C. DATE SIGNED
			In Al	Jacon Delli	team
			BY D	ignature of Contracting Officer)	二二 2-1-00
- NAS.	(Signature of person authorized to sign) 7540-01-152-8070	<u> </u>	<u>। (</u> उ -105		DARD FORM 30 (Rev. 10-83)
	7540-01-152-8070 ROUS EDITION UNUSABLE	30	.50	Prescrib	ed by GSA
					CFR) 53.243

FILE COPY

- A. Section B., 8.4, Contract Funding, is modified to increase the available cost allotment by \$33,391 and the available fee allotment by \$1,669. As a result thereof, paragraphs (a) and (b) of B.A are restated as follows:
- (a) For purposes of payment & cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total mount allotted by the Government to this contract is \$4,101,062. This allotment is for the performance & work in accordance with the limitations and completion dates as set forthin task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$205,198 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Va	lue	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. I	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod . 3	û	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5, 7 10	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 37	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	

Page 3 of 3

	\mathbf{v}	Zalue	Funding		
	Est cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1 ,2 41	
Mod. 22	Ω	Ω	<u>33,391</u>	<u>1,669</u>	
Totals	\$13,920,000	\$696,000	\$4,101,062	\$205,198	

		OMBA	prover w. 2700-00-2	
AMENDMENT OF SOLICITATION	MACDIEICATION OF CO	NTDACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	ON/PURCHASE REQ. NO.	5. PROJECT NO. (8 applicable)	
23		AH. 1037		C. T. HOLLOT HO. (IN Applicable)
6. ISSUED BY COD	■ MAR 0 2 2000	7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space	e Administration			
Langley Research Center		1		
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (I	No., street, county, State, and Zip Co.	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
The Aerospace Corporation				•
2350 E. El Segundo Boulevard El Segundo, CA 90245-4691			98. DATED (SEE ITEM 11)	
			10A. MODIFICATION OF CO	NTRACTIONDER NO.
		Í	NAS1-99050	
		×		
			108. DATED (SEE ITEM 13)	
CODE F/	ACILITY CODE		11/19/98	
11. THIS F	TEM ONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATION	vs .
The above numbered solicitation is amend	ed as set forth in item 14. The hour a	end date specified	for receipt of Offers is an	tended, is not extended.
Offers must acknowledge receipt of this amendm				
THE PLACE DESIGNATED FOR THE RECEIPT virtue of this amendment you desire to change ar to the solicitation and this amendment, and it rec 12. ACCOUNTING AND APPROPRIATION DATE.	n offer already submitted, such change elved prior to the opening hour and d (A (If required)	e may be made b ate specified.	y telegram or letter, provided eac	
PR: AH.1037; R-24461; 29790				
	APPLIES ONLY TO MODI			•
	S THE CONTRACT/ORD			
(x) A. THIS CHANGE ORDER IS ISSUED NO. IN ITEM 10A.	PURSUART TO: (Specify authority)	THE CHANGES	SELFORINITEM IT AND	MAN IN THE CONTROLL OWNER
X B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN	TITEM 14, PURSUANT TO THE AUT	THORITY OF FAR	R 43.103(b).	i changes in paying office,
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification	n and authority)			
E. IMPORTANT: Contractor X is not.	is required to sign this docume	ent and return	copies to the issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF section h	eadings, including	solicitation/contract subject met	for where feesible.)
The purpose of this modification	n is to incrementally fund	the contract	in the amount of \$30,0	00 as follows:
	(Co	ntinued)		
	(00)			
_				
Except as provided herein, all terms and condition				
15A. NAME AND TITLE OF SIGNER (Type or p	rint)	ł	ND TITLE OF CONTRACTING O	FFICER (Type or print)
		Snaryn	Hilstrom	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
			1	
		BY THE	gneture of Contracting Officer)	3-2-00
(Signature of person authorized to sign) NSN 7540-01-152-8070	30.	105		ARD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE			Prescribe	t by GSA
				SFR) 53.243

.4 ===

- A. Section B, 8.4, Contract Funding, is modified to increase the available cost allotment by \$28,572 and the available fee allotment by \$1,428. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$4,129,634. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$206,626 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Value	2	Funding		
	Est cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	. 0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5 <i>,7</i> 10	
Mod. 11	** • 0	0	28375	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	

	Valı	116	<u>Funding</u>		
	. Est Cost	Fixed Fee	Est_Cost	Fixed Fee	
Mod . 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mud. 21		0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	<u>0</u> \$13,920,000	<u>0</u> - \$ 696,000	<u>28,572</u> \$4,129,634	1.428 \$206,626	

MENDMENT OF SOLICITATIO		OMO A	pproval #: 27L _042		
	MMODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PA	GE OF PAGES
	13 EFFECTIVE DATE	A REQUISIT	ION/PURCHASE REQ. NO.	I S. PROJECT	NO. (V applicable
24	MAD 1 7 2000		and OBB.1060	1 .	
ISSUED BY CO	DE TIAN 1 1 COOL	7. ADMINIST	ERED BY (If other than Item	6) CODE	
National Aeronautics and Spa Langley Research center Hampton, VA 23681-0001	ace Administration				
NAME AND ADDRESS OF CONTRACTOR	(No., street, county, State, and Zip C	Code) (x)	9A. AMENDMENT OF SO	DLICITATION NO.	
		•			
The Aerospace Corporation			98. DATED (SEE ITEM 1	11	
2350 E. El Segundo Boulevar El Segundo, CA 90245-4691	a	1	Jos. On LD (OLL II LIN)	•	
M Segundo, CA 90245-4691			10A. MODIFICATION OF	CONTRACT/ORDE	R NO.
			NAS1-99050		
	•	l x		10 mg - 10 mg	
and the state of t		1	108. DATED (SEE ITEM	13)	
OE I	FACILITY CODE		11/19/98		
11. THIS	ITEM ONLY APPLIES TO	AMENDME	NTS OF SOLICITAT	IONS	
The above numbered solicitation is ameniors must acknowledge receipt of this amend	nded as set forth in Item 14. The hou	r and date specifie	for receipt of Offers		is not extended.
IT MODIFII A. THIS CHANGE ORDER IS ISSUE NO. IN ITEM 10A.		DER NO. AS b) THE CHANGE	DESCRIBED IN ITE S SET FORTH IN ITEM 14 A	EM 14. RE MADE IN THE C	CONTRACT ORDI
8. THE ABOVE NUMBERED CONTR appropriation date, etc.) SET FORTH	IN ITEM 14, PURSUANT TO THE A	UTHORITY OF FA	R 43,103(b).	ch as changes in pa	
	ient is entered into pursuan		/ A.C.		ying office,
C. THIS SUPPLEMENTAL AGREEM		II IO AOIHORIII	OF:	· · · · · · · · · · · · · · · · · · ·	ying office,
	ion and authority)	II TO AUTHORIT	′ OF:		ying office,
D. OTHER (Specify type of modifications) BEROSETABLE: Contractor X is not.	is required to sign this docum	nent and return	copies to the issue	sing office.	
C. THIS SUPPLEMENTAL AGREEM	is required to sign this docum ICATION (Organized by UCF section	nent and return	copies to the last g solicitation/contract subject	Imaliar sahare kegal	No.)
D. OTHER (Specify type of modification of AMENOMENT/MODIFICATION	is required to sign this docum ICATION (Organized by UCF section ion is to incrementally fund	nent and return	copies to the last g solicitation/contract subject	Imaliar sahare kegal	NO.)
D. OTHER (Specify type of modification of AMENOMENT/MODIFICATION	is required to sign this docum ICATION (Organized by UCF section ion is to incrementally fund	nent and return hoselings, including d the contrac	copies to the last g solicitation/contract subject	Imaliar sahare kegal	No.)
C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MPORTANT: Contractor X is not, DESCRIPTION OF AMENDMENT/MODIFI The purpose of this modificati cept as provided herein, all terms and conditi	is required to sign this document is required to sign this document this document referenced in Its	nent and return headings, including d the contract ontinued)	copies to the issing solicitation contract subject in the amount of \$6	mater where Asset 64,416 as folk unchanges and in its	DWS:
C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modification) MIPORTANT: Contractor X is not, DESCRIPTION OF AMENDMENT/MODIFIE	is required to sign this document is required to sign this document this document referenced in Its	nent and return to headings, including d the contract ontinued)	copies to the issing solicitation contract subject in the amount of \$6	mater where Asset 64,416 as folk unchanges and in its	DWS:
C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati IMPORTANT: Contractor X is not, DESCRIPTION OF AMENDMENT/MODIFI The purpose of this modificati coept as provided herein, all terms and conditi A. NAME AND TITLE OF SIGNER (Type or	is required to sign this document is required to sign this document this document referenced in Its	ontinued) am 9A or 10A, as r 16A. NAME A Sharyr	copies to the last of solicitation/contract subject tin the amount of \$6	64,416 as folks unchanges and in 19 IG OFFICER (Type	DWS:
C. THIS SUPPLEMENTAL AGREEM D. OTHER (Specify type of modificati MPORTANT: Contractor X is not, DESCRIPTION OF AMENDMENT/MODIFI The purpose of this modificati scept as provided herein, all terms and conditi	is required to sign this document CATION (Organized by UCF section ion is to incrementally fund (Common of the document referenced in the print)	ontinued) em 9A or 10A, as r 16A. NAME A Sharyr	copies to the lass of solicitation contract subject in the amount of \$6 to the amount	64,416 as folks unchanges and in Ri IG OFFICER (Type	Me.) DWS: If torce and effect. or print)

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FAR (48 CFR) 53.243

NAS1-99050 Modification No. 24

- A. Section B, 8.4, Contract Funding, is modified to increase the available cost allotment by \$632,777 and the available fee allotment by \$31,639. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- 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 \$4,762,411. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$238,265 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Value</u>		<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Md3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod.5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mod. 22	0	0.	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	
Totals	\$13,920,000	\$696,000	\$4,762,411	\$238,265	

Block 12, Accounting and Appropriation Data:

PR AH.1039, R-24461, 29790000100; \$594,416; Task 10 (Complete) PR OBB.1060; R-24161; 83920000100; \$70,000; Task 15 (Complete)

		OMB A	oproval #: 270042	
AMERICANT OF BOLICITATION	MODIEICATION OF COL	TOACT	1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION 2. AMENDMENT/MODIFICATION NO.		A PEOUSIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
25	APR 20 2000	AH. 1043	/	
6. ISSUED BY CODE			ERED BY (If other than Item 6)	CODE
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTOR (A	lo., street, county, State, and Zip Cod	e) <u>(x)</u>	9A. AMENDMENT OF SOLIC	ITATION NO.
The Aerospace Corporation		l		
2350 E. El Segundo Boulevard			98. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691			(00000000	
El Segundo, CA 50245-4031			10A. MODIFICATION OF CO	NTRACT/ORDER NO.
			NAS1-99050	
		l x	14231-99030	
	_	^	108. DATED (SEE ITEM 13)	
CODE	CILITY CODE		11/19/98	
	EM ONLY APPLIES TO A	MENDME		YS
	<u> </u>			<u> </u>
The above numbered colicitation is amended. Offers must asknowledge receipt of this amendment.				tended. [is not extended.
12. ACCOUNTING AND APPROPRIATION DAT. PR AH.1043; R24461; 2979000	A (Wrequired) 0100; \$10,000; Task 16 (Complete)		
	APPLIES ONLY TO MODI		S OF CONTRACTS/OF	DERS.
	S THE CONTRACT/ORDE			
(x) A. THES CHANGE ORDER IS ISSUED NO. IN ITEM 10A.	PURSUANT TO: (Specify authority)	THE CHANGES	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT ORDER
X B. THE ABOVE NUMBERED CONTRA appropriation date, etc.) SET FORTH IN				s changes in paying office,
C. THIS SUPPLEMENTAL AGREEME			* *	
			en en en en en en en en en en en en en e	· · · · · · · · · · · · · · · · · · ·
D. OTHER (Specify type of modification	and authority)			
E. MEPORTANT: Contractor X is not.	is required to sign this documer	nt and return	copies to the issuing	office.
14. DESCRIPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF section he	edings, includin	g solicitation/contract subject mai	Nor where Assessie.)
The purpose of this modification	s is to incrementally fund t	ho contract	in the amount of \$10.0	OO aa fallawe:
The purpose of the modification		i ie coriu aci		oo es idiows.
	(Con	tinued)		
	,	•		
Except as provided herein, all terms and condition 15A. NAME AND TITLE OF SIGNER (Type or pr			eretofore changed, remains unch ND TITLE OF CONTRACTING C	
13rt HAME AND TITLE OF SIGNER (1994 OF PE			Hilstrom	arranet i she or build
		One yi	i i ingu yiii	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UN/TED	STATES OF AMERICA	16C. DATE SIGNED
		AP.	~ 2 -4	7
		91 <u>/~</u>	gnature of Contracting Officer)	4-20.00
(Signature of person authorized to sign) NSN 7540-01-152-6070	30-		The state of the s	URD FORM 30 (Rev. 10-83)
PREVIOUS EDITION UNUSABLE	30-1		Prescribed	t by GSA
			FAR (48 C	(FR) 53.243



NAS1-99050 Modification No. 25

- A. Section B., B.4, Contract Funding, is modified to *increase* the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated ad follows:
- (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 \$4,771,911. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$238,765 is obligated under this contract for payment of fee.

B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	85 5	
Mod. 5	0	0	80,500	4,045	
Mcd.6	0	0	112,240	5, 64 0	
Mod.7	0	0	125,690	6,310	
Mcd.8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5 <i>,7</i> 10	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod 14	0	0	38,000	2,000	
Mud. 15	0	0	38,118	1,882	
Mod 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,19 9	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24 <i>,7</i> 59	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

Contract Tabulation Continued

	<u>Value</u>		<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	Q	<u>Q</u>	\$9,500	\$500	
Totals	\$13,920,000	\$696,000	\$4,771,911	\$238,765	

		A BMO	pprovel # J0-0042	and the second s
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTPACT	1. CONTRACT ID COOR	PAGE OF AVERS
2. AMERICAMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISIT	ION/PURCHASE REQ. NO.	6. PROJECT NO. IV applicable
28	MAY 2 3 2000	See Page		
6. ISSUED BY CODE	11A1 & 0 2000	7. ADMINIST	BRED BY (Mother than item 4)	6-58
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001	•			
8. NAME AND ADDRESS OF CONTRACTOR (N	o., street, county, State, and Zip C	ode) (x)	BA. AMENOMENT OF SOLK	CITATION NO.
The Aerospace Corporation				
2350 E. El Segundo Boulevard			98. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691				
C/0 1000 Wilson Boulevard, S	uite 2600		10A. MODIFICATION OF CO	SATRACTIONDER NO.
Arlington VA 22209-3944			NAS1-99050	
	•	X	108. DATED (SEE ITEM 13)	
Attn: Mr. John Harry	BLITY COOK		14/10/08	
	EM ONLY APPLIES TO	AMENIONE	1111777	110
proving:				extended. In not extended.
The above numbered collectation is amende				
(a) the assumptions thereof & and \$6, and solvening	contact of the amendment (h)	Sv nekomuladale	n mentet of this sensetiment on	وم المساورة والله والأوام ومنه والموا
(s) By completing items 8 and 15, and returning (c) By separate letter or telegrem which includes a AT THE PLACE DESIGNATED FOR THE RECEIL	reference to the solicitation and a	mendment numbe	rs. FAILURE OF YOUR ACION	CANESTA IC SE RESERVED
AT THE PLACE DESIGNATED FOR THE RECEIL by vitue of this amendment you deale to change	PT OF OFFERS PRIOR TO THE H an offer already submitted, such ci	OUR AND DATE	SPECIFIED MAY RESULT IN I	NELECTION OF YOUR OFFER. IT
reference to the potentials and the emenament, a	and is received prior to the opening	hour and date at	ecified.	
12. ACCOUNTING AND APPROPRIATION DAT/	\ (If required)			
See Page 3	PPLIES IIL TJ MOU	11 15 2/1 71/ 11	LA CONTRACTED	STATE OF THE STATE
	THE CONTRACT/ORD			
(X) A THIS CHANGE ORDER IS ISSUED F				
ORDER NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRAC	T/ORDER IS MODIFIED TO REF	ECT THE ADMIN	HETRATIVE CHANGES (MICH	et chancius in cavino cilico.
approprietion date, etc.) BET FORTH IN	ITEM 14, PURSUANT TO THE AU	THORITY OF FA	R 43.103(b).	
X C. THE SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT	TO AUTHORITY	Of:	
Limitation of Funds Clause p. Office (Specify type of modification	and authority)			
D. Office (open) open inclination				
E. MERCETANT: Contractor is not. Xis re			copies to the insuing al	
14. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section I	needings, includin	g solicitation/contract subject in	atter where fessible.)
The purpose of this modificat	ion is to deabligate \$4	0 003 +0 +=	renewal Ameline	moreout to the Contract
Funding clause of this contract	ion is to decongate pr	enha (a) en	d (b) of Donorous 2	As madify the Continue
for the total agents at The total	er alla miterare i araki	ehns (a) en	of	. to modify the funding
for the total contract. The tot				
and the funding for fixed fee				October 3 42000.
Therefore, Paragraphs (a) and	(o) of Paragraph 3 ar	e restated a	as ionows:	
\$**\#	- /Co	ation (ed)		
I XI	CUTED BY A	TITA	DTIFO	
LAL	OUILD DI H	LLPA	KIPS	
Except as provided herein, all terms and conditions ISA, NAME AND TITLE OF SIGNER (Type or pri	of the document referenced in its	m 9A or 10A, 44	Service and the service of	changed and in hel three and offers.
John R. Harry			ID TITLE OF CONTRACTING (Hilstrom	ATTICEN (1) year OF PRINT
Manager Contracts al	d PHCING		·	
168. OPHTHALTONOPPENOR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
foral Naus	5/22/00	BY All	arin Hilst	10m 5-23-00
(Separate of parent supplicated to sign)			nature of Contracting Officer)	
PREVIOUS EDITION UNUSABLE	30-	106	STANOA	URD FORM 30 (Rev. 10-83)

RECOM

FAR (46 CFR) 85.243

NASI-99050 Modification NO. 26

- A. Section B., B.4, Contract Funding, is modified to decrease the available cost allotment by \$38,858 and the available fee allotment by \$2,045. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$4,733,053. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$236,720 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	<u>lue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,960	90,935	
Mod. 3	0	0	272,000	13,600	
Mod, 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	Ō	9,525	475	
Mod. 10	Ô	0	114,290	5,710	
Mod. 11	0	Ō	28,575	1,425	
Mod. 12	Ô	0	9,500	500	
Mod. 13	Ŏ	Ö	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	Õ	Ö	38,118	1,882	
Mod. 16	Ô	0	8,008	0	
Mod. 17	Ö	Ö	237,490	11,382	
Mod. 18	Õ	Ŏ	48,199	2,401	
Mod. 19	Õ	0	38,095	1,905	
Mod. 20	Õ	Ö	9,500	500	
Mod. 21	Õ	ŏ	24,759	1,241	
Mod. 22	Ŏ	o	33,391	1,669	
Mod. 23	Ŏ	0	28,572	1,428	
Mod. 24	Ŏ	Ŏ	632,777	31,639	

NAS1-99050 Modification No. 26

Contract Tabulation Continued

¥.	<u>Va</u>	lue	Funding		
Mod. 25	Est Cost	Fixed Fee	<u>Est. Cost</u>	Fixed Fee	
	0	0	\$9,500	\$500	
Mod. 26	<u>0</u>	<u>0</u>	(38.858)	(2.045)	
Totals	\$13,920,000	\$696,000	\$4,733,053	\$236,720	

Block 12: Accounting and Appropriation Data:

PR: CH.0638; R-22413; RTR: 853-10-00-01; (\$20,514) (Deobligate); Task 4 PR: OBB.1036; R-25076; RTR: 839-40-00-50; (\$20,389)(Deobligate); Task 12

		OMB Approval #: 27 0042							
AME	NOMENT OF SOLICITATIO	N/MO	DIFICATION O	F COI	NTRACT		1. CONTRACT ID CODE	PAGE OF PAGES	3 3
	NDMENT/MODIFICATION NO. 27		EFFECTIVE DATE				ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applic	able)
6. ISSU		DE P	MAY 19 20	100			RED BY (If other than Item 6)	con€	
	ational Aeronautics and Spaingley Research Center	ce Adı	ministration						
Ha	ampton, VA 23681-0001								
8. NAM	E AND ADDRESS OF CONTRACTOR	(No., str	eet, county, State, and	i Zip Cod	(x	0	9A. AMENDMENT OF SOLICI	TATION NO.	
	e Aerospace Corporation						AD DATES (055 15514 44)		
	50 E. El Segundo Boulevar	d					9B. DATED (SEE ITEM 11)		
	Segundo, CA 90245-4691 C/0 1000 Wilson Boulevard.	Suita 1	2600		-	\dashv	10A. MODIFICATION OF CON	TRACT/ORDER NO.	
	Arlington VA 22209-3944	Suite 2	2000		,	,	NAS1-99050	mondade.	
Δ	Attn: Mr. John Harry				1	`	10B. DATED (SEE ITEM 13)		
CODE		PACILITY	CODE				11/19/98		
Offers m	he above numbered solicitation is ameroust acknowledge receipt of this ameno completing Items 8 and 15, and returning sparate letter or telegram which include	lment pric	or to the hour and date	specifie ent: (b) E	ed in the solic	itati Idino	on or as amended, by one of the	ich copy of the offer submitte	ed: or
AT THE	PLACE DESIGNATED FOR THE REC	EIPT OF	OFFERS PRIOR TO	THE HO	UR AND DA	TE :	SPECIFIED MAY RESULT IN RE	JECTION OF YOUR OFFER	₹. #
	of this amendment you desire to chan be to the solicitation and this amendmen							each telegram or letter make)6
12. AC	COUNTING AND APPROPRIATION D	ATA (If re	iquired)						
PF	R: AH.1045; R-24461; RTR							NESS	
							OF CONTRACTS/ORI		
(x)	A. THIS CHANGE ORDER IS ISSUE ORDER NO. IN ITEM 10A.								***************************************
X	B. THE ABOVE NUMBERED CONTI appropriation date, etc.) SET FORTH							changes in paying office,	-
	C. THIS SUPPLEMENTAL AGREEM	ENT IS E	INTERED INTO PURS	SUANT 1	O AUTHORI	ΙΤΥ	OF:		
	D. OTHER (Specify type of modifical	ion and a	uthority)						
	ORTANT: Contractor X is not, is						s o the issuing office.		
14 DE	SCRIPTION OF AMENDMENT/MODIF	ICATION	(Organized by UCF so	ection I	ding i fi	fü	ti vic 43 st ni bje rtini e t	ter where feasible.)	
. [purpose of this modification	on is	incrementally	nit	h a contra	ıct	in the amount of 5 00	00 as follows	
				•				• * * * * * * * * * * * * * * * * * * *	
	as provided herein, all terms and condi AME AND TITLE OF SIGNER (Type or		ne document reference	ed in Iten	16A. NAME	ΑN	eretofore changed, remains unch in TITLE OF CONTRACTING OF Hilstrom	enged and in full force and e FICER (Type or print)	iffect.
15B. C	ONTRACTOR/OFFEROR	,	15C. DATE SIGNE	ED	16B. UNITE	D S	STATES OF AMERICA	16C. DATE SIGNI	ED O
				1	BY A	a	ren Wilsta	5-19.0	·
	(Signature of person authorized to sign)	1		. · · (Sigr	naturalof Contracting Officer)		
	40-01-152-8070 DUS EDITION UNUSABLE			30-1	05		STANDAR Prescribed I FAR (48 CF)

FLECOPY

NAS1-99050 Modification **No. 27**

- A. Section B., B.4, Contract Funding, is **modified** to increase the available cost allotment by \$47,500 and **the** available fee allotment by \$2,500. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$4,780,553. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting officer.
- (b) An additional amount of \$239,220 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Val	ue	Funding		
	Est Cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod.4	0	0	17,100	855	
Mud. 5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5, 64 0	
Mod. 7	0	0	125,690	6,310	
Mod.8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	47 5	
Mod. 10	0	0	114,290	5 <i>,7</i> 10	
Mod.11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mud. 13	0	0	380,332	19,668	
Mod.14	0	0	38,000	2,000	
Mod.15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod, 19	0	0	38,095	1,905	
Mod.20	0	0	9,500	500	
Mcd. 21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod.23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

Contract Tabulation Continued

	<u>Val</u>	<u>ue</u>	Funding		
Mod. 25	Est Cost	<u>Fixed Fœ</u>	<u>Est. Cost</u>	Fixed Fee	
	0	0	\$9,500	\$500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	Q	0,\$696	<u>47,500</u>	2 <u>.500</u>	
Totals	\$ 13,920,000		\$4,780,553	\$239,220	

		()		OMB A) pproval #: ﴿ مِن مِن -0042		
<u> </u>				OMBA	1. CONTRACT ID CODE	PAGE	F PAGES
			DIFICATION OF CO			1.00	3
2. AMENOMENT/MODI		3.	EFFECTIVE DATE		TONPURCHASE REQ. NO.	S. PROJECT NO	. (If applicable)
B. ISSUED BY	28	oo€	JUN 0 6 2000	See Page	ERED BY (If other then Item 6)	CODE	
). 100000 U1				1. /2	2. 12. 2. (ii 32. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3. 3.		
Langley Rese	nautics and Sparch Center A 23681-0001	ace Ad	ministration				
3. NAME AND ADDRE	SS OF CONTRACTO	R' (No., str	set, county. state, and zip co	de) (x)	9A. AMENDMENT OF SOLK	CITATION NO.	
2350 E. El Se El Segundo, (C/0 1000 W	ce Corporation Igundo Bouleva CA 90245-4691 Ilson Boulevard A 22209-3988		2600		98. DATED (SEE ITEM 11) 10A. MODIFICATION OF CO	ONTRACT/ORDER N	ö .
Amigion V				l X	1		
Attn: Mr. Jo	hn R. Harry			^	108. DATED (SEE ITEM 13)	1	
COOE	1	FACILITY	CODE		1,1/19/98		
	11. THIS	ITEM (ONLY APPLIES TO A	MENDME	NTS OF SOLICITATIO	NS	
by virtue of this emending reference to the solicite 12. ACCOUNTING AN See Page 3 (x) A. THIS CHAI ORDER NO. II X B. THE ABOV appropriation of C. THIS SUP	nent you desire to chi ion and this amendm of APPROPRIATION 13. THIS ITE IT MODIF NGE ORDER IS ISSU NITEM 10A. TE NUMBERED CON Sele, etc.) SEY FORT	Inge an offer. and is DATA (If re DATA (If re DATA) (If r	er already submitted, such characteristic properties of the opening durined. JES ONLY TO MOD E CONTRACT/ORDI UANT TO: (Specify authority) RDER IS MODIFIED TO REFL 14, PURSUANT TO THE AUTHORIZENTEED INTO PURSUANT	IFICATION ER NO. AS THE CHANGE ECT THE ADMITHORITY OF F	ISOF CONTRACTS/OIDESCRIBED IN ITEM SES SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such AR 43.103(b).	RDERS,	otter makes
E. IMPORTANT: C	ontractor X is not	is require	d to sign this document as	nd return	copies to the issuing officing solicitation/contract subject of		
			o incrementally fund	the contrac	t in the amount of \$74,		
			(Cor	ntinued)			
Except as provided here 15A. NAME AND TITLE			ne document referenced in Ite	16A. NAME A	s heretofore changed, remains us UND TITLE OF CONTRACTING 1 Hilstrom		
15B. CONTRACTORIO	FFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. D/	TE SIGNED
				X	20/12		
/Classics of a	uraon authorized to si	201	-	BY XX	gnature of Contracting Officer)		-6-00
NSN 7540-01-152-8070			30-			ARD FORM 30 (R	ev. 10-83)
PREVIOUS EDITION U	NUSABLE				Prescribe	nd by GSA CFR) 53.243	. •

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- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$71,316 and the available fee allotment by \$3,616. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$4,851,869. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$242,836 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Val	lue	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod.3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	85 5	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9 , 525	475	
Mod. 10	0	0	114,290	<i>5,7</i> 10	
Mod.11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38 , 118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	4 8 , 199	2,401	
Mod. 19	0	0	38,0 9 5	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24 <i>,7</i> 59	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

Contract Tabulation Continued

	val	.ue	Funding		
Mod. 25	Est Cost 0	Fixed Fee 0	<u>Est. Cost</u> \$9,500	Fixed Fee \$500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28 Totals	0 \$13,920,000	۵ \$696,000\$	<u>71,316</u> \$4,851,869	3.616 \$242,836	

Block 12. Accounting and Appropriation Data

PR: OD.1061; R-23648; RTR: 45473000100; \$14,932(Task 11, Mod. 2) (Complete) PR: OD.1061; R-23499; RTR: 21010000100; \$40,000(Task 11, Mod. 2) (Complete)

PR AH.1052; R-24461; RTR: 29790000100; \$10,000 (Task 17) (Complete) PR: AH.1053; R-24461; RTR: 29790000100; \$10,000 (Task 18) (Complete)

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MEI	NOMENT OF SOLICIT				, · ·		1	3
AME	NOMENT/MODIFICATION NO. 29		JUN 28 2000	4. REQUISIT	IONPURCHASE REQ.	NO. 5	. PROJECT NO.	(If applicable)
SSU	ED BY	CODE		7. ADMINIST	ERED BY (If other than	item 6)	CODE	
La	ational Aeronautics and ingley Research Cente ampton, VA 23681-00	r	dministration					
NAM	E AND ADDRESS OF CONTRA	CTOR (No.,	street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT C	OF SOLICITA	TION NO.	
23	ne Aerospace Corporat 150 E. El Segundo Bou Segundo, CA 90245-4	levard			98. DATED (SEE IT	EM 11)		
	0/0 1000 Wilson Boule		e 2600		10A. MODIFICATIO	N OF CONT	RACT/ORDER NO).
	Arlington VA 22209-39	•		×	NAS1-9905	50		
A	Attn: Mr. John R. Harry	,			10B. DATED (SEE	TEM 13)		
00E			TY CODE		11/19/98			
	11. 1	HIS ITEN	ONLY APPLIES TO	AMENDME	NTS OF SOLICI	TATIONS		2
7	he above numbered solicitation	is amended a	s set forth in Item 14. The hour	and date specific	ed for receipt of Offers	is each	nded, ls	not extended.
THE virtue	PLACE DESIGNATED FOR THE OF THE PROPERTY OF THE STREET OF THE SOLICITATION AND THE STREET OF THE STR	IE RECEIPT : to change an endment, and	offer already submitted, such child is received prior to the opening	mendment numbe OUR AND DATE lange may be ma	ers. FAILURE OF YOU SPECIFIED MAY RES ide by telegram or lette	IR ACKNOW IULT IN REJI	LEDOMENT TO I	R OFFER. If
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STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (46 CFR) 53.243

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- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$47,500 and the available fee allotment by \$2,500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$4,899,369. This allotment is for the performance of work in accordance with the limitations and completion dates as set forthin task orders authorized by the Contracting Officer.
 - (b) An additional amount of \$245,336 is obligated under this contract for payment of fee.
 - B. All other terms and conditions remain unchanged.

	Valı	ıe	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd. 1	0	0	275,580	13 ,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mcd.4	0	0	17,100	85 5	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5, 64 0	
Mod. 7	0	0	125,690	6,310	
Mcd.8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod . 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mcd. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mad. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mcd.20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mad. 24	0	0	632,777	31,639	

NAS1-99050 Modification No. 29 Page 3 of 3

Contract Tabulation continued

	Val	ue	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	. 0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	Q	Q	47,500	2,500	
Totals	\$13,920,000	\$696,000	\$4,899,369	\$245,336	

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	IDMENT OF SOI		ODIFICATION OF COI	A PENINGIT	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)	
	30		JUN 3 0 2000	AH.1060			
6. ISSU	ED BY	COOE		7. ADMINIST	ERED BY (If other than Item 6)	CODE	
	tional Aeronautic		Administration				
	ngley Research						
ma	impton, VA 236	81-0001		l 1			
8. NAM	E AND ADDRESS OF C	ONTRACTOR (No.	street, county, State, and Zip co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.	
Th	e Aerospace Coi	rooration		1			
	50 E. El Segundo				98. DATED (SEE ITEM 11)		
	Segundo, CA 90						
	/0 1000 Wilson E		e 2600		10A. MODIFICATION OF CO	NTRACT/ORDER NO.	
A	rlington VA 222	09-3988			NAS1-99050		
				X			
A	ttn: Mr. John R.				108. DATED (SEE ITEM 13)		
CODE			ITY CODE		11/19/98		
		11. THIS ITE	MONLY APPLIES TO A	MENDME	NTS OF SOLICITATIO	NS	
(x) X	A. THIS CHANGE OF ORDER NO. IN ITEM B. THE ABOVE NUM appropriation data, etc.	THIS ITEM AP IT MODIFIES DER IS ISSUED PU 10A. BERED CONTRACT :) SET FORTH IN IT	790000100; \$10,000 (PLIES ONLY TO MOD THE CONTRACT/ORD IRSUANT TO: (Specify authority, TORDER IS MODIFIED TO REFL EM 14, PURSUANT TO THE AU IS ENTERED INTO PURSUANT	IFICATION ER NO. AS THE CHANG LECT THE ADM THORITY OF F	IS OF CONTRACTS/OIS DESCRIBED IN ITEM ES SET FORTH IN ITEM 14 ARE HINISTRATIVE CHANGES (such AR 43.103(b).	14. I MADE IN THE CONTRACT	
	D. OTHER (Specify t						
	C. Crimit (apacity)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			<u> </u>		
E. 188	CONTANT: Contract	or X is not, is req	uired to sign this document a	nd return	copies to the issuing offic	a	
14. DE	SCRIPTION OF AMEN	DMENT/MODIFICAT	ON (Organized by UCF section I	needings, includ	ling solicitation/contract subject in	satter where feesible.)	
 _	ha		la ta la accessa a della ti i i i	41	-4 ho 4bo	مرينة المراقع ١٥٥٥	
11	ne purpose of thi	s modification	is to incrementally fund	the contra	ct in the amount of \$70,	UUU 85 IOIIOWS.	
			(Co	ntinued)			
Except 15A. N	as provided herein, all t IAME AND TITLE OF S	erms and conditions GNER (Type or print	of the document referenced in Ite)	16A. NAME	s heretofore changed, remains u AND TITLE OF CONTRACTING n Hilstrom	nchanged and in full force and effect. OFFICER (Type or print)	
	ONTRACTOR/OFFER		15C. DATE SIGNED	16B. UNITE	D STATES OF AMERICA	16C, DATE SIGNED	
135. C	, UNITAL I UNUFFER	/ N	ISO. DATE SIGNED	Y /	. W. 1 +		
				1	arga Sy-late	630-00	
AMERI S	(Signature of person at 540-01-152-8070	unonzed to sign)	20	105	ignature of Contracting Officer)	ARD FORM 30 (Rev. 10-83)	
	OUS EDITION UNUSAE	BLE	30	- · • · •	Prescribe	id by GSA CFR) 53.243	



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount dotted by the Government to this contract is \$4,908,869. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$245,836 is obligated under this contract for payment of fee.

B. All other terms and conditions remain unchanged.

	valı	ie.	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mcd.4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mad. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

Contract Tabulation Continued

	Val	ue	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	0	0 -	47,500	500	
Mod. 30	0	0	9,500	<u>500</u>	
Totals	\$13,920,000	\$696,00 0	\$4,908,869	\$245,836	

				OMB A	pproval #:\:0-0042			
AMENDMENT OF SOLICITA	TIONALO	DIEICATION	E CO1		1. CONTRACT ID CODE		PAGE O	F PAGES
AMENDMENT OF SULIGIA AMENDMENT/MODIFICATION NO.	3.	EFFECTIVE DATE	r cor		TON/PURCHASE REQ. NO.	5. PROJ		(# applicable
31		dUL 102	וחחחו	AH.1063				
ISSUED BY	COOE			7. ADMINIST	TERED BY (If other than Item 6)	CODE		
National Aeronautics and S Langley Research Center Hampton, VA 23681-000	,	ministration						
NAME AND ADDRESS OF CONTRAC	TOR (No., stre	et, county, State, and	d Zip Cod	(x)	9A. AMENDMENT OF SOLIC	TATION N	Ō.	
The Aerospace Corporatio	vard				9B. DATED (SEE ITEM 11)			· · · · · · · · · · · · · · · · · · ·
El Segundo, CA 90245-46		2600		·	10A. MODIFICATION OF CO	NTRACT/O	ROER N	3
C/0 1000 Wilson Bouleva	-	2000		.	NAS1-99050			
Arlington VA 22209-398				×				· .
Attn: Mr. John R. Harry					10B. DATED (SEE ITEM 13)			
ODE	FACILITY				11/19/98			
11. Th	IS ITEM	ONLY APPLIES	S TO A	MENDME	NTS OF SOLICITATION	VS_		
(X) A. THIS CHANGE ORDER IS IS ORDER NO. IN ITEM 10A.	EM APPL HFIES TH SUED PURSI ONTRACT/OR RTH IN ITEM	LIES ONLY TO E CONTRACT/ UANT TO: (Specify a LIDER IS MODIFIED TO 14, PURSUANT TO TO	MODIF (ORDE nuthority)	FICATION FR NO. AS THE CHANGE ECT THE ADMI HORITY OF FA	S OF CONTRACTS/OF DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE INISTRATIVE CHANGES (such a AR 43.103(b).	14. MADE IN T		
D. OTHER (Specify type of mod	ification and a	uthority)						
IMPORTANT: Contractor Y is a		rf. to girn thie riow i	ment and	d return	conies to the lessing relies			
					copies to the issuing offici ing solicitation/contract subject m		feesible.)	
	DOIFICATION	(Organized by UCF s	section he	edings, includi	ng solicitation/contract subject me	itter where		
I. DESCRIPTION OF AMENOMENT/M	DOIFICATION	(Organized by UCF s	ection he	edings, includi	ng solicitation/contract subject me	itter where		
4. DESCRIPTION OF AMENOMENT/M	DOIFICATION	(Organized by UCF s	ection he	nedings, includi	ng solicitation/contract subject me	itter where		
The purpose of this modifi xcept as provided herein, all terms and o	cation is to	Organized by UCF so	fund the (Cont	ne contractinued) 19A or 10A, se 16A. NAME A	ing solicitation/contract subject materials to the amount of \$11,5	idler where	officers:	arce and effe
The purpose of this modification as provided herein, all terms and a sale name a sale name a s	cation is to	Organized by UCF so	fund the (Cont	ne contractinued) 19A or 10A, as 16A. NAME A	t in the amount of \$11,5 theretofore changed, remains units of TITLE OF CONTRACTING O	idler where	d in full fo	arce and effec
The purpose of this modification of the purpose of this modification of the purpose of the modification of the purpose of the purpose of this modification of the purpose o	cation is to	Organized by UCF so incrementally be document reference	/fund the	ne contractinued) 19A or 10A, as 16A. NAME A Sharyr	t in the amount of \$11,5 theretofore changed, remains un TITLE OF CONTRACTING O	idler where	d in full fr	orce and effect int) TE SIGNED
The purpose of this modification of the purpose of this modification of the purpose of the modification of the purpose of the purpose of this modification of the purpose o	cation is to	Organized by UCF so incrementally be document reference	/fund the	ne contractinued) 19A or 10A, as 16A. NAME A Sharyr	t in the amount of \$11,5 theretofore changed, remains una hieratofore changed, remains una hillstrom	idler where	d in full fr	orce and effe
The purpose of this modification of antendment/Me The purpose of this modification of the purpose of the purpose of this modification of the purpose o	cation is to	Organized by UCF so incrementally be document reference	/fund the	ne contractinued) 19A or 10A, as 16A. NAME A Sharyr 16B. UNITED BY	t in the amount of \$11,5 theretofore changed, remains unit of TITLE OF CONTRACTING OF HIIStrom STATES OF AMERICA (1 2 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	hanged en	d in full to	orce and effectively



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$10,952 and the available fee allotment by \$548. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$4,919,821. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$246,384 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5 ,64 0	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0 .	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

	Va	<u>lue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	0	0	47,500	500	
Mod. 30	0	0	9,500	500	
Mod. 31	0 .	0	10,952	<u>548</u>	
Totals	\$13,920,000	\$696,000	\$4,919,821	\$246,384	

1	· Karanan	(ОМВ	Approval #:00-0042	
AM	ENDMENT OF SOLIC	ITATION/	MODIFICATION OF CO		1. CONTRACT ID CODE	PAGE OF PAGES
2. AA	menomient/modification i	Ø.	3. EFFECTIVE DATE		ITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	32		JUL 1 4 2000	AH.1064	,	o. Thoseof too. (if approxime)
5. 153	SUED BY	CODE	001 2 3 1000	7. ADMINIS	STERED BY (If other than Item 6)	CODE
	lational Assonautics	and Chance	A d			
- 1	lational Aeronautics a angley Research Cer	ing Space /	Administration	1		
Ī	lampton, VA 23681-	0001				
5. NA	ME AND ADDRESS OF CON	TRACTOR (No.,	street, county, State, and Zip Co	de) (x	9A. AMENDMENT OF SOLIC	ITATION NO.
_						
	he Aerospace Corpo			ĺ		
2	350 E. El Segundo B	oul e vard			9B. DATED (SEE ITEM 11)	
	Segundo, CA 90245			<u> </u>	404 14001510 15011 05 05	
	C/0 1000 Wilson Bou		te 2600	. 1	10A. MODIFICATION OF CO	NTRACT/ORDER NO.
	Arlington VA 22209-	3900			NAS1-99050	
	Attn: Mr. John R. Ha	en.		/ ×	10B. DATED (SEE ITEM 13)	
CODE			ITY CODE			
	11.	THIS ITE	MONI V ADDI IES TO A	MENDAR	11/19/98 ENTS OF SOLICITATION	16
			as set forth in Item 14. The hour a			violended. is not extended.
y virti Herey 2. A	as or the amendment you deal too to the solicitation and this a COUNTING AND APPROPRI R: AH.1064; R-2446 13. THIS IT N A. THIS CHANGE ORDER ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERS approprietion date, etc.) SE	to charge an amendment, and ATION DATA (III) 1; RTR: 29: S ITEM APIODIFIES 1 18 ISSUED PUI 10 CONTRACT/ 17 FORTH IN ITE	offer stready submitted, such chat is received prior to the opening of required) 790000100; \$200,000 (PLIES ONLY TO MODITIES ONLY TO MODITIES CONTRACT/ORDER SUANT TO: (Specify authority) ORDER IS MODIFIED TO REFLEM 14, PURSUANT TO THE AUT	Task 13) FICATION R NO. AS THE CHANGE ECT THE ADM HORITY OF F	(Complete) IS OF CONTRACTS/OR DESCRIBED IN ITEM ES SET FORTH IN ITEM 14 ARE I	DERS, 14. WADE IN THE CONTRACT
	C. THIS SUPPLEMENTAL	AGREEMENT	S ENTERED INTO PURSUANT T	O AUTHORIT	Y OF:	
	D. OTHER (Specify type of	modification an	d authority)			
75.						
4. D	SCRIPTION OF AMENDMEN	IS NOT, IS INQU	ired to sign this document and	d return	copies to the issuing office ing solicitation/contract subject ma	
					any sometiment activated the	uer where reasons.)
T	he purpose of this mo	dification is	to incrementally fund the	he contrac	t in the amount of \$200,0	000 as follows:
			•			
			(Conf	tinued)		
- -	= : se novided bersin, all terms :	and conditions o	of the document referenced in Itan	0 0 0 or 10 0 o	s heretofore changed, remains uno	
5A. I	VAME AND TITLE OF SIGNER	(Type or print)	THE COCCUMENT TOTAL TOTAL TOTAL TOTAL	16A. NAME	AND TITLE OF CONTRACTING O	Hanged and in rull force and enec. FFICER (Type or print)
			Ţ		n Hilstrom	· · · · · · · · · · · · · · · · · · ·
er -	***************************************		1 160			
56. (CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
				BY Ah	aren Illate	and ,
1011 =	(Signature of person authorize	ed to sign)			ignature of Contracting Officer)	7-14-00
	540-01-152-8070 OUS EDITION UNUSABLE		30-1	05	STANDAI Prescribed	RD FORM 30 (Rev. 10-83)
					FAR (48 CI	FR) 53.243



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$190,477 and the available fee allotment by \$9,523. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,110,298. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$255,907 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Func	ling
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	0	28,575	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401
Mod. 19	0	0	38,095	1,905
Mod. 20	0	0	9,500	500
Mod. 21	0	0	24,759	1,241
Mod. 22	0	0	33,391	1,669
Mod. 23	0	0	28,572	1,428
Mod. 24	0	0	632,777	31,639

	<u>Va</u>	<u>lue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	0	0	47,500	500	
Mod. 30	0	0	9,500	500	
Mod. 31	0	0	10,952	548	
Mod. 32	0	0	190,477	9,523	
Totals	\$13,920,000	\$696,000	\$5,110,298	\$255,907	

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A 245	MOMENT OF OUR IONALISM			1. CONTRACT ID CODE	PAGE OF PAGES
	NDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT		1 3
2. AM	ENOMENT/MODIFICATION NO.	3. EFFECTIVE DATE		IONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
	33	1111 0 1 0000	AH.1066		
6. iS8	UED BY CODE	OOF S I SIMI	7. ADMINIST	ERED BY (If other than Item 6)	CODE
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· Al	ational Aeronautics and Space	A desimination	ļ		
1,4	audital Aeronaulus and Space	Administration			
	angley Research Center		i		
. H	ampton, VA 23681-0001				
			1		
8. NA	ME AND ADDRESS OF CONTRACTOR (M	Money County State and Tin Co.	do) (-1)	To MENDUENE OF COUR	
		, sired, county, state, and 2ip Co	de) (x)	9A. AMENOMENT OF SOLIC	TATION NO.
			i	₫ .	
	he Aerospace Corporation		1	ľ	
2:	350 E. El Segundo Boulevard			98. DATED (SEE ITEM 11)	
	Segundo, CA 90245-4691		!	,	
			L		
	C/0 1000 Wilson Boulevard, Su	iite 2600	İ	10A. MODIFICATION OF CO	NTRACT/ORDER NO.
	Arlington VA 22209-3988		{	NAS1-99050	
			X	1	
	Attent Admillaton D. Liberto		^	400 04550 4055 455	
	Attn: Mr. John R. Harry			10B. DATED (SEE ITEM 13)	
CODE	FAC	ILITY CODE		11/19/98	
	11 THIS IT	M ONLY APPLIES TO A	MENDMEN		10
					(2)
	The above numbered solicitation is amende	as set forth in Item 14. The hour a	and date specific	id for receipt of Offers is a	extended, is not extended.
Offers	must acknowledge receipt of this amendme	nt prior to the hour and date specific	ed in the solicitat	ion or as amended, by one of the	following multipode:
(a) By	completing items 8 and 15, and returning	copies of the amendment; (b) I	By acknowledgin	g receipt of this amendment on a	ech copy of the offer submitted: or
(G) DY 1	Market Service of American William (National 2	reference to the enlicitation and an	androani a imbe	EAH I IDE OF VOLID LOUSIS	the state of the same of the s
~ ~ 1 1 1 7 1	e funce dedictor (ed función me meceir	I OF OFFERS PRIOR TO THE HO	HIR AND DATE	CDECIEIED MAY BEEN II T IN SI	PIROTION OF LOS IS ARREST
CA AMERI	NE CHE CHINE SECTION REPORTED AND CONTRACTOR TO	in cases already submitted, such cha	boce may be ma	da hu talaaram aa lattaa 'aas.da.d	each telegram or letter makes
1		FIG IS PACELYING DOOR to the opening ?	nour and date sp	ecified.	7 .
	COUNTING AND APPROPRIATION DATA				
P	R: AH.1066; R-24461; RTR: 2	9 79000 0100; \$40 ; 000 (T	ask 17) (Co	omplete)	
	13 THIS ITEM A	PPLIES ONLY TO MODI	FICATIONS	OF CONTRACTOO	neno —
	IT MODIFIES	THE CONTENANTION	FICATION	OF CONTRACTS/OR	DENO,
	11 MODIFIES	THE CONTRACT/ORDE	R NO. AS	DESCRIBED IN ITEM	14.
(x)	A. THIS CHANGE ORDER IS ISSUED P	URSUANT TO: (Specify authority)	THE CHANGE	S SET FORTH IN ITEM 14 ARE I	MADE IN THE CONTRACT
	CADELLIO, IN 11 EM TON.				
X	8. THE ABOVE NUMBERED CONTRAC	TIORNER IS MODIEIED TO REEL	ECT THE ADAM	HOTOATINE CHANCES (
	appropriation date, etc.) SET FORTH IN I	TEM 14. PURSUANT TO THE AUT	HODITY OF EA	113 (104) (172 CHANGES (300) 8 (t changes in paying office,
	C. THIS SUPPLEMENTAL AGREEMEN	IS ENTERED INTO PURSUANT 1	TO AUTHORITY	OF:	
	O. OTHER (Specify type of modification .	and authority)			
E. 141	PORTANT: Contractor X is not, is re	triped to sign this document an	d return	analas ta the lander of	
14. D	SCRIPTION OF AMENOMENT/MODIFICA	DON (Opposited by UCE section by	codiona includio	copies to the issuing office	
		TION (Organized by GCP Section in	Mungs, includin	g souchadon/contract subject ma	Rer where feesible.)
	he purpose of this modification	is to incrementally fund t	he contract	in the amount of \$40.0	00 as follows:
		· ·			
		(0	4:		
		(Con	tinued)		
Except	as provided herain, all terms and condition	of the document referenced in Item	n 9A or 10A. ae	heratofore chanced remains une	hanned and in full frame and affect
15A. N	NAME AND TITLE OF SIGNER (Type or pri	nt)	16A. NAME A	ND TITLE OF CONTRACTING O	FFICER (Type or print)
				Hilstrom	The second secon
		1	Orial yii	i indu Offi	· · · · · · · · · · · · · · · · · · ·
158. (CONTRACTOR/OFFEROR	15C. DATE SIGNED	168. UNITED	STATES OF AMERICA	16C. DATE SIGNED
		1	Ma	LIV. 0 = 1.	an
		I	BY Du		one h
	(Signature of person authorized to sign)			nature of Contracting Officer)	7-21-00
	546-01-152-8070	30-1	0.5	STANDA	RD FORM 36 (Rev. 10-83)
PHEV	OUS EDITION UNUSABLE			Prescribed	

FILE COPY

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$38,095 and the available fee allotment by \$1,905. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- Limitation of Funds clause, the total amount allotted by the Government to this contract is \$5,148,393. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$257,812 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	ue	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0)	1,818,980	90,935
Mod. 3	0)	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0)	112,240	5,640
Mod. 7	<u>O</u>	J	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	. 0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	0	28,575	1,425
Mod. 12	. 0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	. 0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401
Mod. 19	0	0	38,095	1,905
Mod. 20	0	0	9,500	500
Mod. 21	0	0	24,759	1,241
Mod. 22	0	. 0	33,391	1,669
Mod. 23	0	0	28,572	1,428
Mod. 24	0	0	632,777	31,639

	Val	lue	<u>Funding</u>	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 25	0	0	9,500	500
Mod. 26	0	0	(38,858)	(2,045)
Mod. 27	0	0	47,500	2,500
Mod. 28	0	0	71,316	3,616
Mod. 29	0	0	47,500	500
Mod. 30	0	0	9,500	500
Mod. 31	0	0	10,952	548
Mod. 32	0	0	190,477	9,523
Mod. 33	Э	<u>0</u>	<u> 38,095</u>	1,905
Totals	\$13,920,000	\$696,000	\$5,148,393	\$257,812

• [<u> </u>	<u> </u>	OMB A	pproval #: 270042		
		***			1. CONTRACT ID CODE	PAGE OF	
	NOMENT OF SOLICITAT		DIFICATION OF CO		TOMPURCHASE REQ. NO.	5. PROJECT NO. (I	3
L. Part	34		UG 1 6 2000	AH.1071	IONTONOMOE NEQ. NO.	5. PROJECT NO. (A	(apparations)
6. 155		CODE	AAA T L SAAA		TERED BY (If other than Item 6)	CODE	
				1			· · · · · · · · · · · · · · · · · · ·
N	ational Aeronautics and S	pace Adr	ministration	}			
	angley Research Center			1			
H	ampton, VA 23681-0001						
O NAS	WE AND ADDRESS OF CONTRACT	OP /No etra	set county State and Zin Co	de) (x)	9A. AMENDMENT OF SOLIC	ETATION NO	
O. Iwa	HE MID PORTING OF CONTINUES	O11 (110., 404	at, county, crate, and alp co	10/			
TI	he Aerospace Corporation	1		j			
	350 E. El Segundo Boulev				9B. DATED (SEE ITEM 11)		
	l Segundo, CA 90245-469						
. (C/0 1000 Wilson Boulevar	d, Suite 2	2600		10A. MODIFICATION OF CO	NTRACT/ORDER NO.	
-	Arlington VA 22209-3988			1	NAS1-99050		
				X	10B. DATED (SEE ITEM 13)		
CODE	Attn: Mr. John R. Harry	FACILITY	cone		1.		
- CODE			**	MENDME	11/19/98 NTS OF SOLICITATION	ve	
1	The above numbered solicitation is a must acknowledge receipt of this am	mended as s endment orio	et forth in item 14. The hour is to the hour and date specific	and date specifi ad in the solicits	ed for receipt of Offers is a		t extended.
	•						
(a) By	completing Items 8 and 15, and retur separate letter or telegram which incl	ning c	copies of the amendment; (b) :	By acknowledgi vendment numb	ng receipt of this amendment on a	each copy of the offer a DWI.EDGMENT TO BE	NECEIVED
AT THE	E PLACE DESIGNATED FOR THE R	LECEIPT OF	OFFERS PRIOR TO THE HO	DUR AND DATE	SPECIFIED MAY RESULT IN R	EJECTION OF YOUR	OPPER, If
by virtu	se of this amendment you desire to close to the solicitation and this amend	hange an offi ment and is	er already submitted, such characteristics	ange may be mi hour and data s	ade by telegram or letter, provide: oecified.	d each telegram or lette	r makes
12. AC	COUNTING AND APPROPRIATION	DATA (IF re	quired)				
P	R: AH.1071; R-24389; RT						·
					S OF CONTRACTS/OF		
7.3	IT MOD! Ta. This change order is iss	FIES TH	E CONTRACT/ORDI	ER NO. AS	DESCRIBED IN ITEM	14.	ACT
(x)	ORDER NO. IN ITEM 10A.	iueu pursi	JANT TO: (Specify Bullonly)	THE CHANGE	GOET FORTH HETTER 14 ARE	MADE IN THE CONTR	
							·
X	B. THE ABOVE NUMBERED CO	NTRACT/OR	DER IS MODIFIED TO REFL	ECT THE ADM	NISTRATIVE CHANGES (such a	as changes in paying of	ffice,
	appropriation date, etc.) SET FOR						
	C. THIS SUPPLEMENTAL AGRE	EMENTISE	INTERED INTO PURSUANT	TO AUTHORITY	Y OF:		
	D. OTHER (Specify type of modifi	cetion and a	uthority)				
E. 100	PORTANT: Contractor X is no	t, is require	d to sign this document ar	nd return	copies to the issuing office		
14. 🖼	SCRIPTION OF AMENOMENT/MO	DIFICATION	(Organized by UCF section I	eadings, includi	ng solicitation/contract subject mi	acer where resides)	
Ť	he purpose of this modific	ation is to	incrementally fund	the contrac	t in the amount of \$64.9	985 as follows:	
•				`			
			(Cor	ntinued)			
			•	•			
_				m 04 c= 464	handalan shaanad Jawaine	channel and in the same	فستگم بروی ی
15A N	as provided herein, all terms and co	nations of the or print)	e gocument referenced in iter	16A. NAME A	IND TITLE OF CONTRACTING O	FFICER (Type or print))
	and a superior of the superior				Hilstrom	**************************************	
15 8 . C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	18C. DATE	SIGNED
				BY Shi	e in Wilstea	m o	
	(Signature of parson authorized to a	iign)]		gnature of Contracting Officer)	8-16	
	540-01-152-8070 OUS EDITION UNUSABLE	-	30-	105	STANDA Prescribed	IRD FORM 30 (Rev.	10-83)
- rusvi	AAA PRII MI AIRAMAPE					FR) 53.243	



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$61,891 and the available fee allotment by \$3,094. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,210,284. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$260,906 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	<u>Func</u>	ling
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13,795
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mod. 5	0	0	80,500	4,045
Mod. 6	0	0	112,240	5,640
Mod. 7	0	0	125,690	6,310
Mod. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mod. 11	0	0	28,575	1,425
Mod. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mod. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mod. 17	0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401
Mod. 19	0	0	38,095	1,905
Mod. 20	0	0	9,500	500
Mod. 21	0	0	24,759	1,241
Mod. 22	0	0	33,391	1,669
Mod. 23	0	0	28,572	1,428
Mod. 24	0	0	632,777	31,639

	Val	lue	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0. ~	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	- 0	0	47,500	500	
Mod. 30	Q	0	9,500	500	
Mod. 31	0	0	10,952	548	
Mod. 32	0	0	190,477	9,523	
Mod. 33	0	0	38,095	1,905	
Mod. 34	0	<u>0</u>	61,891	<u>3,094</u>	
Totals	\$13,920,000	\$696,000	\$5,210,284	\$260,906	

			OMB As	proved #k 2700-0042	
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AMEN	DMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT		3
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			1		
Net	onal Aeronautics and Space	Administration	j		
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Har	npton, VA 23681-0001		ľ		·
			1	EA. AMENDMENT OF BOLIC	PARENTA
NAME	AND ADDRESS OF CONTRACTOR (A	o., atreet, county, state, and zip Ct	(x)	by unifficient of proper	
			•		
The	Aeroepace Corporation		1	M. DATED (SEE ITEM 11)	
235	O E. El Segundo Soulevard		1		
EI 8	Segundo, CA 90245-4691		}	IGA MODIFICATION OF CO	NTRACT/CREEN NO.
C	0 1000 Wilson Boulevard, S	ui te 2600	1	NAS1-99050	
A	lington VA 22209-3944		×	14731-55000	
			^	108. DATED (SEE ITEM 15)	
	tn: Mr. John Herry				
COOE	TA SALE OF THE SAL	CILITY CODE		11/19/98	18
. :	11. THIS IT	EM ONLY APPLIES TO	AMENDME	NTS OF SOCIALIO	15
	above numbered autoholion is emande	et as not forth in flore 14. The hour	and date specifi	ed for receipt of Offers in	extended to not entended.
			Market and the second	##1. m. cm cm/m/m/m/ - #	a Ungernand israguage;
· AB	entering theme 8 and 18, and returning the state of the s	and is received prior to the opening A (if required)	hour and date a	D&GR85	
	40 7110 17614	APPLIES ONLY TO MOD	DIFICATION	8 OF CONTRACTS/O	rders,
	IT MODIFIE	S THE CONTRACT/ORD	ER NO. AS	DESCRIBED IN ITEM	414.
(X)	A THE COURSE OF STREET	PURBUANT TO: (Specify authorit	THE CHANGE	BOX IN MET HE KTINGS THE B	MADE IN THE CONTRACT
W	IT MODIFIES A. THIS CHANGE CHOICE IS ISSUED ORDER NO. IN MEM 10A.				
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	B. THE ABOVE NUMBERED CONTRA	CT/ORDER IS MODIFIED TO RE	PLECT THE ADM	inistrative Changes (sum) Ar 41 (03/b)	We committee to bridge &
		1	DIMENTAL ALL	and the tenth of t	
X	C THE SUPPLEMENTAL PROBLEM	NT 18 ENTERED INTO PURSOAN	1 10 ADINOMI	,	
	Limitation of Funds Clause D. Other (Specify Specifications)	a and authority	<u> </u>		
1	D. Others (speed) the a monitore	1 2 1 000 1/7			
	CATALITY Continues to not, Xie	required to sign this document	and return 3	copies to the insuing o	lo.
	CHAPTER OF ALL SHEET MACORIA	ATION (Organized by UCF sector	headings, includ	the substitution of the said of the	Man Apple Spanner
					A Ab Complete
T	ne purpose of this modifica	ation is to deobligate \$	170,730 in	incremental funding	pursuant to the Contrac
	ne purpose of this modificated in the contract of the contract	not and to restate Parac	ranhs (a) a	nd (b) of Paragraph	3. to modify the funding
F	inding clause of this contu-	act and wiestate I at a	traferen (a) a	a of normant of cost	is decreased by
fo	r the total contract. The to	otal amount allotted for	the burbos	e or payment or cost	d sessing December
-	er can and the funding for	r fixed fee is decressed	1 by \$8.130). The allounent perio	M temmin receives
2.1	, 2000. Therefore, Paragr	raphs (a) and (b) of Pa	ragraph 3 a	re restated as follow	S:
	1, 2000. 11101010101 1	(1)			
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فضمين	as provided herein, all leaves and conditi	one of the document referenced in	Hem 9A or 10A.	AND TITLE OF CONTRACTING	
15A N	WIE WID LISTE ON BIOLOGY (13) or)	primy	Chan	n Histrom	
,	R. Harry Manager	1 + + 1P.	SHELL)	11 1 18 54 57 11	
Tohn	1. Herry Manger	CONTRACTS and I NICIA	7	DEVISED WESTA	HEC. DATE MONED

18C. DATE SIGNED

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STANDARD FORM 30 (RM. 10-63) President by GBA FAR (48 CPR) \$3.543

Page 2 of 3

- A. Section B., B.4, Contract Funding, is modified to decrease the available cost allotment by \$162.600 and the available fee allotment by \$8,130. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,047,684. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$252,776 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Value</u>		Funding		
	Est Cos	Fixed Fee	Est. Cost	Fixed Pee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod. 1	0	0	275,580	13,795	
Mod 2	0	0	1,818,960	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod. 6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5,710	
Mod. 11	0	0	28,575	1,425	
Mod, 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	Ö	0	632,777	31,639	

Page 3 of 3

Contract Tabulation Continued

	<u>Val</u>	ue	Fun	ding
34.4 00	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 25	0	0	\$9,500	\$500
Mod. 26	0	0	(38,858)	(2,045)
Mod. 27	0	0	47,500	2,500
Mod. 28	0	0	71,316	3,616
Mod. 29	0	0	47,500	500
Mod. 30	0	0	9,500	500
Mod. 31	0	0	10,952	548
Mod. 32	0	0	190,477	9,523
Mod. 33	0	0	38,095	1,905
Mod. 34	0	0	61,891	3,094
Mod. 35	Q	· Q	(162,600	(8.130) = 170,73
Totals	\$13,920,000	\$696,000	\$5,047,684	\$252,776

162,600

Block 12: Accounting and Appropriation Data:

PR: M.1052; R-24461; RTR 297-90-00-01; (\$97,650) (Deobligate); Task 3 PR: M.1058: R-24461; RTR 297-90-00-01; (\$12,080) (Deobligate); Task 3

PR: M.1056; R-24310; RTR 409-89-00-01; (\$5,600) (Deobligate); Task 5 PR: M.1061; R-24310; RTR 409-89-00-01; (\$28,900) (Deobligate); Task 5

PR: M.1065; R-24355; RTR 409-89-00-03; (\$23,600) (Deobligate); Task 7 PR: AH.1014; R-24355; RTR 409-89-00-03; (\$2,900) (Deobligate); Task 7

1		* .	<u> </u>	OMB	Approval #: 27	00 km _1			
AME	NOMENT OF SOLICITAT	TION/N	IODIFICATION OF CO		1. CONTRAC			AGE C	FPAGES
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	36		SEP 2 0 2000	AH.1072					
6. 188	UED BY	CODE	3L7 & 0 2000	7. ADMINIS	TERED BY (If off	er than Item 6)	CODE		
L	lational Aeronautics and S angley Research Center ampton, VA 23681-0001	•	Administration						
8. NA	WE AND ADDRESS OF CONTRACT	OR (No.,	street, county, State, and Zip Co	xde) (x)	9A. AMENDA	MENT OF SOLIC	TATION NO		
23 El	he Aerospace Corporation 350 E. El Segundo Boulev I Segundo, CA 90245-469 C/0 1000 Wilson Boulevar	ard	e 2600			SEE ITEM 11) CATION OF COI	VTRACT/OR	DER NO	5.
1	Arlington VA 22209-3988	. •			NAS1-	99050			
				X					
	Attn: Mr. John R. Harry	T 4: =::			108. DATED	(SEE ITEM 13)			
CODE			TY CODE		11/19/				
	11, THI	SITEM	ONLY APPLIES TO	AMENDME	NTS OF SO	LICITATION	<u> </u>		
(c) By a AT THE by With Inc. (x) PI	IT MOD! A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGRE D. OTHER (Specify type of modific	udes a reliection of the control of	Perence to the solicitation and an OF OFFERS PRIOR TO THE HOOFFERS PRIOR TO THE HOOFFERS PRIOR TO THE HOOFFERS PRIOR TO THE HOOFFERS PRIOR TO THE OPENING PARTIES ONLY TO MOD THE CONTRACT/ORDING PLIES ONLY TO MOD THE CONTRACT/ORDING PRIOR IS MODIFIED TO REFLEM 14, PURSUANT TO THE AUTOMOTE SENTERED INTO PURSUANT IS ENTERED INTO PURSUANT IS Authority)	rendment numbour and DATE ange may be me hour and date a fask 20) (CIFICATION ER NO. AS THE CHANGE ECT THE ADMITHORITY OF FATO AUTHORITY	ers. FAILURE O SPECIFIED MA ade by telegram o pecified. Complete) S OF CONT DESCRIBE S SET FORTH III INISTRATIVE CH AR 43.103(b). (OF:	F YOUR ACKNO Y RESULT IN RE or letter, provided RACTS/OR D IN ITEM 1 N ITEM 14 ARE I	DERS, IA. IADE IN THE	E CONT	RECEIVED ROFFER. If the maloes
E. 14. DE	PORTANT: Contractor X is not SCRIPTION OF AMENDMENT/MOD	HEICATIC	red to sign this document ar N (Omenized by UCF section h	nd return eedinas includi	copies to the	e issuing office	Har udara fa	acibia I	
	ne purpose of this modifica			_		_		-	
			(Cor	ntinued)					
Except 15A. N	as provided herein, all terms and cor AME AND TITLE OF SIGNER (Type	nditions of or print)	f the document referenced in Ite	16A. NAME A	heretofore chang ND TITLE OF CO Hilstrom	jed, remains unc ONTRACTING OF	hanged and FICER (T)/p	in full fo e or pri	roe and effect.
158. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	168. UNITED	STATES OF AM	ERICA	1 16	C. DAT	E SIGNED
				BY Sh	any a	Hilster	الع		
	(Signature of person authorized to a	ign)			pneture of Contre	cting Officer)		9.20	0-00
	M6-01-152-8070 DUS EDITION UNUSABLE		30-	05		STANDAI Prescribed FAR (48 CF		10 (Rev	. 10-83)

FILE COPY

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,057,184. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An a d d i t i d amount of \$253,276 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd.1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mcd.3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod.5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,640	
Mcd.7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod.9	0	0	9,525	475	
Mcd.10	0	0	114,290	<i>5,7</i> 10	
Mcd.11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mcd. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mcd.15	0	0	38,118	1,882	
Mcd.16	0	0	8,008	0	
Mcd.17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mcd.19	0	0	38,095	1,905	
Mcd. 20	0	0	9,500	500	
Mcd. 21	0	0	24,759	1,241	
Mod.22	0	0	33,391	1,669	
Mcd.23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

	Va	lue	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 25	0	0	9,500	500
Mod. 26	0	0	(38,858)	(2,045)
Mod. 27	0	0	47,500	2,500
Mod. 28	0	0	71,316	3,616
Mod. 29	0	0	4 7 m	500
Mod. 30	0	0	9,500	500
Mod. 31	0	0	10,952	548
Mod. 32	0	0	190,477	9,523
Mod. 33	0	' 0	38,095	1,905
Mod. 34	0	0	61,891	3,094
Mod. 35	0	0	(162,600)	(8,130)
Mod. 36	<u>0</u>	Q	9,500	500
Totals	\$13,920,000	\$696,000	\$5,057,184	\$253,276

[h		OMB A	pproval #: 2700-0	<u> </u>	
AMENDMENT OF SOLICITA	ATION/M	ODIEICATION OF CO	NTDACT	1. CONTRACT ID CO	OE .	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.		B. EFFECTIVE DATE		I TON/PURCHASE REQ. N	O IS DE	DJECT NO. (Wappile
37	1		AH.1077	TOTAL OLD MOR LEGS I	J. 77	COMPANIE LANGE STATE OF STATE
6. ISSUED BY	CODE	OCT 17 2000		ERED BY (If other than I	tem 6) COD	× γ
	L.			·		<u> </u>
National Aeronautics and	Space A	dministration	İ			
Langley Research Center		un madadon				
Hampton, VA 23681-000						
Hampton, VA 23001-000	Ji					
. NAME AND ADDRESS OF CONTRA	CTOR (No. +	treet county State and 7in Co	de) (x)	I 9A. AMENDMENT OF	SOLICITATION	NO
. I THE PERIOD OF CO. IT TO	O . O (a coi, coomy, ciato, and ap co	- LA/	or. rulensinging	OOLIGITATION	
The Assessed Compositi	00					
The Aerospace Corporati			ŀ	98. DATED (SEE ITE	94 441	
2350 E. El Segundo Boul				SU. UNIEU (SEE IIE		
El Segundo, CA 90245-4				404 1405/51215-514	AF AAV-41A-	55552 1/5
C/0 1000 Wilson Boulev		2600	1	10A. MODIFICATION		ONDER NO.
Arlington VA 22209-398	38			NAS1-99050) "	
			X			·
Attn: Mr. John R. Harry			- 1	108. DATED (SEE IT	EM 13)	
ODE	FACILIT	TY CODE		11/19/98		
					1	
The above numbered solicitation is flers must acknowledge receipt of this :					is extended,	
) By completing items 8 and 15, and re) By separate letter or telegram which i ITTHE PLACE DESIGNATED FOR THI ; virtue of this amongment you dealer to	ncludes a refe E RECEIPT C change an o	erence to the solicitation and am OF OFFERS PRIOR TO THE HO offer aiready submitted, such cha	endment numbe XUR AND DATE ange may be ma	ers. FAILURE OF YOUR SPECIFIED MAY RESU Ide by telegram or letter, I	ACKNOWLEDG LT IN REJECTIO	MENT TO BE RECEI IN OF YOUR OFFER
derence to the noticitation and this ame			hour and date sp	pecified.		
2. ACCOUNTING AND APPROPRIATI			Tools 24)	1		
PR: AH.1077; R-24461;		PLIES ONLY TO A	Task 21)	1 pl UF NTRA I	S/ORDERS	· · · · · · · · · · · · · · · · · · ·
		HE CONTRACT/ORDI	20 N/A AQ) ,
(X) A. THIS CHANGE ORDER IS			THE	DEG CRIBED III	1 CN1 144	-
ORDER NO. IN ITEM 10A.		ocioni ioi Reponi e			7	
X B. THE ABOVE NUMBERED O	ONTRACT/C	PROFER IS MODIFIED TO REFL	ECT THE ADMI	NISTRATIVE CHANGES	(such es chence	e in paying office.
		M 14, PURSUANT TO THE AUT				
C. THIS SUPPLEMENTAL AG	REEMENT IS	ENTERED INTO PURSUANT	TO AUTHORITY	OF:		
D. OTHER (Specify type of mo	dification and	authority)				
IMPORTANT: Contractor X is	not, is requi	red to sign this document an	nd return	copies to the issuin		
4. DESCRIPTION OF AMENOMENTA	IODIFICATIO	N (Organized by UCF section h	eedings, includir	ng solicitation/contract su	Cject matter wher	re feesible.)
The market of 13 has the	Baaklas !	4- h	Jan 2	Charles	840 000 ···	falla
The purpose of this modified	ication is	to incrementally fund t	ne contract	t in the amount of	\$10,000 as	TOHOWS:
		(Con	itinued)			
acept as provided herein, all terms and		the document referenced in Iter				
5A. NAME AND TITLE OF SIGNER (7)	ype or print)			ND TITLE OF CONTRAC	TING OFFICER	(Type or print)
			Snaryn	Hilstrom		
5B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA		16C. DATE SIGNE
			BY Shea	Sen Wile	team	1
(Signature of person authorized)	o sion)		- بناد بسسکتان	neture of Contracting Of	ficer)	10-17-00
100 30 M A C 200 A C 200		30.1		01	AMBARIA EOS	10.02

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE STANDARD FORM 30 (Rev. 10-83) Prescribed by GSA FAR (48 CFR) 53.243



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total mount allotted by the Government to this contract is \$5,066,684. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additid amount of \$253,776 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd.1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod.5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,640	
Mod. 7	0	0	125,690	6,310	
Mod.8	0	0		14,500	
Mcd. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	5, 7 10	
Mcd.11	0	0	28,575	1,425	
M.d.12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mcd.14	0	0	38,000	2,000	
Mcd.15	0	0	38,118	1,882	
Mcd. 16	0	0	8,008	0	
Mcd.17	0	0	237,490	11,382	
Mcd.18	0	0	48,199		
Mod.19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mcd.21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

	val	ue.	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	0	0	47,500	500	
Mod. 30	0	0	9,500	500	
Mod. 31	0	0	10,952	548	
Mod. 32	0	0	190,477	9,523	
Mod. 33	0 .	0	38,095	1,905	
Mod. 34	0	0	61,891	3,094	
Mod. 35	0	0	(162,600)	(8,130)	
Mod. 36	0	0	9,500	500	
Mod. 37	0	0	9,500	<u>500</u>	
Totals	\$13,920,000	\$696,00Õ	\$5,066,684	\$253,776	

		Ç	OMR A	Approval #: 27:0042	
				1. CONTRACT ID CODE	PAGE OF PAGES
	NOMENT OF SOLICITATION/I	MODIFICATION OF CO 3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (V epolicable)
Z. AM	38	ALOU	See Page	· · · · · · · · · · · · · · · · · · ·	5. PROJECT NO. (If applicable)
-6. <u> </u>	—) BY CODE	NUV 2 1 2000	7. ADMINIST	TERED BY (If other than Item 6)	CODE
			- !		
	ational Aeronautics and Space	Administration			
	angley Research Center ampton, VA 23681-0001	•			
	ampion, VA 23661-0001				
8. NA	ME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
				41	
	he Aerospace Corporation			9B. DATED (SEE ITEM 11)	
	350 E. El Segundo Boulevard I Segundo, CA 90245-4691			SP. DATED (SEE ITEM IT)	
	C/0 1000 Wilson Boulevard. Su	ita 2600	-	10A. MODIFICATION OF COM	ITRACT/ORDER NO.
	Arlington VA 22209-3988	11C 2000		NAS1-99050	
			İΧ		
	Attn: Mr. John R. Harry			108. DATED (SEE ITEM 13)	
CODE	FACI	LITY CODE		11/19/98	
		· · · · · · · · · · · · · · · · · · ·			
	The above numbered solicitation is amended must acknowledge receipt of this amendmen				stended, is not extended.
(a) By (completing Items 8 and 15, and returning separate letter or telegram which includes a r	copies of the amendment; (b)	By acknowledgii rendment numb	ng receipt of this amendment on e ers. FAILURE OF YOUR ACKNO	sch copy of the offer submitted; or WLEDGMENT TO BE RECEIVED
AT TH	E PLACE DESIGNATED FOR THE RECEIP	r of offers prior to the H	OUR AND DATE	SPECIFIED MAY RESULT IN RE	LIECTION OF YOUR OFFER. If
referen	e of this amendment you desire to change a ce to the solicitation and this amendment, ar	n oner aready submitted, such chi nd is received prior to the opening	ange may be ma hour and date s	pecified.	each telegram or letter makes
	COUNTING AND APPROPRIATION DATA	(If required)			
	ee Page 3	PPI TES ONI V TO MOD	IFICATION	S OF CONTRACTS/OR	nepe
				DESCRIBED IN ITEM 1	
(x)	A. THIS CHANGE ORDER IS ISSUED P				
	ORDER NO. IN ITEM 10A.				
X	5. THE ABOVE NUMBERED CONTRACT	MORNER IS MONIFIED TO SEE	CT THE ADM	NESTILATINE CHANGES (such as	s sa in paying office,
•	approprietion date, etc.) SET FORTH IN IT				sa in paying onice,
	C THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	rof:	
-	D OTHER (Specify type of modification a	nd authority)			
	OTHER (Specify type of mountainer	no acciony)		e e	
E. M	PORTANT: Contractor X is not, is rec	uired to sign this document ar	nd return	copies to the issuing office.	
14, DE	SCRIPTION OF AMENOMENT/MODIFICAT	10N (Organized by UCF section h	eadings, includii	ng solicitation/contract subject mai	lier where feasible.)
ŢI	he purpose of this modification	is to incrementally fund	the contrac	t in the amount of \$62.77	78 as follows:
		, ,			
		(Cor	ntinued)		
Evrent	as provided herein, all terms and conditions	of the document referenced in Iter	n 9A or 10A. as	heretofore changed, remains uncl	nanned and in full force and effect.
15A. N	AME AND TITLE OF SIGNER (Type or print		16A. NAME A	ND TITLE OF CONTRACTING OF	FICER (Type or print)
			Sharyn	Hilstrom	
150 ^	ONTRACTOR/OFFEROR	15C. DATE SIGNED	168 UNITED	STATES OF AMERICA	I 16C. DATE SIGNED
133. 0		1.55. 5.1.2.510.125	X i	1	_
	(Signeture of person authorized to sign)	 	BY S-FLA	mature of Contracting Officer)	11-21-00
	40-01-152-8070	30-1			ED FORM 30 (Rev. 10-83)
PREVIO	OUS EDITION UNUSABLE		*	Prescribed FAR (48 CF	by GSA
				FAN (40 CF	



- A. Section B, B4, Contract Funding, is **modified** to increase the available **cost allotment** by \$59,790 and **the** available fee allotment by \$2,988. **As** a result thereof, **paragraphs (a) and (b)** & B4 are restated as follows:
- (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 \$5,126,474. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$256,764 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u> ı	<u>ue</u>	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mod_1	0	0	275,580	13,795	
Mcd 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mcd. 4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,6 4 0	
Mcd. 7	0	0	125,690	6,310	
Mod. 8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mcd. 10	0	0	114,290	5 <i>,7</i> 10	
Mcd. 11	0	0	28,575	1,425	
Mcd. 12	0	0	9,500	500	
Mcd. 13	0	0	380,332	19,668	
Mcd. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118		
Mod. 16	0	0	8,008	0	
Mod. 17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2,401	
Mcd. 19	0	0	38,095		
Mod. 20	0	0	9,500	500	
Mcd,21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mcd.23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

	Val	ue	Func	ling
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 25	0	0	9,500	500
Mod. 26	0	0		
Mod. 27	0	0	47,500	2,500
Mod. 28	0	a	71 , 316	3 , 616
Mod. 29	0	0	47,500 –	500
Mod, 30	0	0	9,500	500
Mod. 31	0	0	10,952	548
Mod. 32	0	0	190,477	9,523
Mod. 33	0	0	38,095	1,905
Mod. 34	0	0	61,891	3,094
Mod. 35	0	0	(162,600)	(8,130)
Mod. 36	0	0	9,500	500
Mod. 37	0	0	9,500	500
Mod. 38	<u>0</u>	<u>O</u> .	<u>59,790</u>	<u>2988</u>
Totals	\$13,920,000	\$696,000	\$5 , 126 , 474	\$256,764

Block 12. Accounting and Appropriation Data

PR: AH.1081; R24461; 29790000100; \$16,206(Task 13) (Complete) PR: AH.1081; R26722; 29780000100; \$14,272 (Task 13) (complete)

PR: AH.1083; R26722; 29780000100; \$1 1,000(Task 17) (Complete)

PR AH.1082; R26722; 29780000 100; \$21,300 (Task 19) (Complete)

				Approval #:	RACT ID CODE		PAGE	F PAGES
MENDMENT OF SOLICITAT	TION/M	ODIFICATION OF	CONTRACT	50,11		1	1	3
AMENDMENT/MODIFICATION NO.		3. EFFECTIVE DATE	4. REQUI		IASE REQ. NO.	5. PRO	ECT NO	. (If applicable
39 ISSUED BY	CODE	HOV 22 2000	AH.108		7 - A - A	1		
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Langley Research Center	pace A	unimisu auon						
Hampton, VA 23681-0001				•				
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NAME AND ADDRESS OF CONTRACT	OR (No., s	street, county, State, and Zip	Code) () 9A. AME	NDMENT OF SOLIC	CITATION	Ю.	
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The Aerospace Corporation			ļ					
2350 E. El Segundo Boulev El Segundo, CA 90245-469			j	9B. DATE	ED (SEE ITEM 11)			
C/0 1000 Wilson Boulevan		200	<u> </u>	104 140	DIFICATION OF CO	ACT DA COTTO	Y STATE OF	
Arlington VA 22209-3988		3 2000		1	S1-99050	MILOGOIA	MUCK N	U.
Amigun VA 22200-0000					31-99030			
Attn: Mr. John R. Harry					ED (SEE ITEM 13)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	···	·
ODE	FACILIT	TY CODE			19/98			
11. THI	SITEM	ONLY APPLIES TO	O AMENDM			NS		
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By separate latter of talegram which inci- THE PLACE DESIGNATED FOR THE R virtue of this amendment you deer to cha erence to the collobation and this amendment. ACCOUNTING AND APPROPRIATION PR: AH.1085; R26722; 297	udes a refe RECEIPT O Hange an o Hent, and I I DATA (IF) 1800001	rence to the solicitation and OF OFFERS PRIOR TO THE iffer already submitted, such is received prior to the open required) 100; \$10,000 (Task	amendment nur HOUR AND DA change may be ing hour and date 22) (Comple	ibers. FAILUR TE SPECIFIED nade by telegri specified.	E OF YOUR ACKING MAY RESULT IN R	OWLEDGM EJECTION d each tele	ENT TO	BE RECEIVE
THE PLACE DESIGNATED FOR THE R witue of this amendment you deeler to che sence to the amendment you deeler to che sence to the actichation and this amend- ACCOUNTING AND APPROPRIATION PR: AH.1085; R26722; 297 13. THIS ITE IT MODII () A. THIS CHANGE ORDER IS ISS ORDER NO. IN ITEM 10A. (B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FOR	udes a reference in the control of t	PROCES TO the solicitation and processor of the first already submitted, such a necessor of the open required) 100; \$10,000 (Task PLIES ONLY TO MOHE CONTRACT/OR SUANT TO: (Specify authority) RDER IS MODIFIED TO REM 14, PURSUANT TO THE	amendment nur E HOUR AND DA I change may be ing hour and date 22) (Comple DDIFICATION IDER NO. A rity) THE CHANG EFLECT THE AD AUTHORITY OF	ibers. FAILUR TE SPECIFIED made by telegra specified. STOP CO	E OF YOUR ACKING MAY RESULT IN R am or letter, provide NTRACTS/OF BED IN ITEM H IN ITEM 14 ARE	COMEDGM EJECTION d each tele COMEDGM COMEGGM C	ENT TO OF YOU prem or k	BE RECEIVE R OFFER. II ther makes
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- A. Section B., BA, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$5,135,974. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional **amount of \$257,264** is obligated under **this** contract for **payment of** fee.
- B. All other terms and conditions remainunchanged.

	Val	ue	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,24 0	\$4,760	
Mcd. 1	0	0	275,580	13 <i>,7</i> 95	
Mod 2	0	0	1,818,980	90,935	
Mod.3	0	0	272,000	13,600	
Mcd.4	0	0	17,100	855	
Mod.5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,640	
Mod.7	0	0	125,690	6,310	
Mod.8	0	0	285,500	14,500	
Mod.9	0	0	9,525	475	
Mcd.10	0	0	114,290	5, 7 10	
Mcd. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19, 668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mcd.17	0	0	237,490	11,382	
Mod. 18	0	0	48,199	2, 4 01	
Mcd.19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mod. 21	0	0	24,759	1,241	
Mod. 22	0	0	33,391	1,669	
Mcd.23	0	0	28,572	1,428	
Mcd. 24	0	0	632,777	31,639	

	val	value		<u>Funding</u>	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500 _	_ 2,500	
Mod.28	0	0	71,316	3,616	
Mod. 29	" 0	0	47,500	500	
Mod. 30	0	0	9,500	500	
Mod. 31	0	0	10,952	548	
Mod. 32	0	0	190,477	9,523	
Mod. 33	0	0	38,095	1,905	
Mod. 34	0	0	61,891	3,094	
Mod. 35	0	0	(162,600)	(8,130)	
Mod. 36	0	0	9,500	500	
Mod.37	0	0	9,500	500	
Mod. 38	0	0	<i>59,79</i> 0	2988	
Mod. 39	0	Q	<u>9,500</u>	<u>500</u>	
Totals	\$13,920,006	\$696,000	\$5,135,974	\$257,264	

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	Attn: Mr. John R. Harry				108. DATED (SEE ITE	M 13)		
CODE		FACILIT		<u> </u>	11/19/98			<u> </u>
	11. THI	SITEM	ONLY APPLIES TO A	MENDME	NTS OF SOLICITA	YTIONS		
1	he above numbered solicitation is an	nervieri se	set forth in Item 14. The hour:	and date enerify	ed for receipt of Office	is extend		is not extended.
	nust acknowledge receipt of this amo							
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	completing Items 8 and 15, and return operate letter or telegram which inch		copies of the amendment; (b) i					
AT THE	PLACE DESIGNATED FOR THE R	ECEIPT O	OFFERS PRIOR TO THE HO	UR AND DATE	SPECIFIED MAY RESUL	T IN REJECT	TION OF Y	OUR OFFER. If
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				onaryn	Hilstrom			•
166 2	ONTRACTOR/OFFEROR		15C. DATE SIGNED	180 LIBRES	STATES OF AMERICA		1 445 1	DATE SIGNED
15 8 . C	CHICACIONOFFERON		13C. DATE SIGNED	χ,	7. 9		1	DATE SIGNED
]	BY She	eryn Skilvi	taam	1 10	2-13-00
	(Signature of person authorized to s	gn)		(Sig	nature of Contracting Office			
NSN 75	46-01-152-8070		30-1	05	STA	ANDARD F) 06 MPC	Rev. 10-83)

FILE COPY

- A. Section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$104,762 and the available fee allotment by \$5,238. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,240,736. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$262,502 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	ue	<u>Funding</u>		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd,1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod. 3	0	0	272,000	13,600	
Mod. 4	0	0	17,100	855	
Mod.5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5, 64 0	
Mod.7	0	0	<i>12</i> 5,690	6 ,31 0	
Mod.8	0	0	285,500	14,500	
Mod. 9	0	0	9,525	475	
Mod. 10	0	0	114,290	<i>5,7</i> 10	
Mod. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mod. 14	0	0	38,000	2,000	
Mod. 15	0	0	38,118	1,882	
Mod. 16	0	0	8,008	0	
Mcd. 17	0	0	237,490	11,382	
Mcd.18	0	0	48,199	2,401	
Mod. 19	0	0	38,095	1,905	
Mod. 20	0	0	9,500	500	
Mcd.21	0	0	24 <i>,</i> 759	1,241	
Mod. 22	0	0	33,391	1,669	
Mod. 23	0	0	28,572	1,428	
Mod. 24	0	0	632,777	31,639	

	Val	V alue		Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee		
Mod. 25	0	0	9,500	500		
Mod. 26	0	0	(38,858)	(2,045)		
Mod. 27	0	0	47,500	2,500		
Mod. 28	0	0	71,316	3,616		
Mod. 29	0	0	47,500	500		
Mod. 30	0	0	9,500	500		
Mod. 31	0	0	10,952	548		
Mod. 32	0	0	190,477	9,523		
Mod. 33	0	0	38,095	1,905		
Mod. 34	0	0	61,891	3,094		
Mod . 35	0	0	(162,600)	(8,130)		
Mod. 36	0	0	9,500	500		
Mod. 37	0	0	9,500	500		
Mod. 38	0	0	59 ,79 0	2988		
Mod. 39	0	0	9,500	500		
Mod. 40	<u>0</u>	<u>0</u>	104,762	<u>5,238</u>		
Totals	\$13,920,000	\$696,000	\$5,240,736	\$262,502		

		OMR A	pproval #: 27uu-0042	
		011157	1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION/	MODIFICATION OF CO	NTRACT		1 3
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
41	DEO 1 1 cons	AH.1092		
6. ISSUED BY CODE	UEC 1 4 ZUUU	7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space	Administration	J ·		
Langley Research Center			•	
Hampton, VA 23681-0001		1		,
,				*.
8. NAME AND ADDRESS OF CONTRACTOR (No.	, street, county, State, and Zip Co	de) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
	•			
The Aerospace Corporation		1		
2350 E. El Segundo Boulevard			9B. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691				
C/0 1000 Wilson Boulevard, Sui	to 2600	 	10A. MODIFICATION OF CO	ATPACT/OPPIED NO
	te 2000	-	* 1	WITCHOLDER NO.
Arlington VA 22209-3988			NAS1-99050	
Attas Ata Jaha D Ilana		X	108. DATED (SEE ITEM 13)	
Attn: Mr. John R. Harry			1	
FACI	LITY CODE		11/19/98	
The above numbered solicitation is amended	as set forth in Item 14. The hour	and date specifie	d for receipt of Offers is	extended. is not extended.
Offers must acknowledge receipt of this amendmen	t prior to the hour and date specifi	ed in the solicitat	ion or as amended, by one of the	following methods:
(a) By completing items 8 and 15, and returning	contes of the emendment: (h)	Bu acknowladain	or receipt of this emendment on	and apply of the office submitted as
(c) By superate tetter or telegram which includes a r	eference to the solicitation and an	endment numbe	ITS. FAILURE OF YOUR ACKNO	WLEDGMENT TO BE RECEIVED
AT THE PLACE DESIGNATED FOR THE RECEIPT	OF OFFERS PRIOR TO THE H	OUR AND DATE	SPECIFIED MAY RESULT IN R	EJECTION OF YOUR OFFER. If
by virtue of this amendment you desire to change as reference to the solicitation and this amendment, an				i each telegram or letter makes
12. ACCOUNTING AND APPROPRIATION DATA		NOT BIN COLE SE		
PR: AH.1092; R24461; 2979000	0100: \$50,000: R26722	: 29780000	0100: \$51.522 (Task 13	3) (Complete)
	PLIES ONLY TO MOD			
	THE CONTRACT/ORDI			· · - •
(X) A. THIS CHANGE ORDER IS ISSUED PL				
ORDER NO. IN ITEM 10A.				
X 8. THE ABOVE NUMBERED CONTRACT	ORDER IS MODIFIED TO REFL	ECT THE ADMIN	NISTRATIVE CHANGES (such a	s changes in paying office,
appropriation date, etc.) SET FORTH IN IT	EM 14, PURSUANT TO THE AUT	THORITY OF FA	R 43.103(b).	
C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PURSUANT	TO AUTHORITY	OF:	
D. OTHER (Specify type of modification a	nd authority)			
E. INFORTANT: Contractor X is not, is req	uired to sign this document ar	nd return	copies to the issuing office	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF Section II	eacings, includin	ig solicitation/contract subject me	istar whare registre.)
The purpose of this modification	is to incrementally fund t	the contract	in the amount of \$101	522 on follows:
The purpose of uns modification		u ie coriu act		JZZ da lokowa.
	(Car	الموريونا/		
	(Cor	ntinued)		
		- 04 oc 404 oc		harmed and to B.S force and affect
Except as provided herein, all terms and conditions 15A. NAME AND TITLE OF SIGNER (Type or print		18A OF TUA, 85	ND TITLE OF CONTRACTING O	FECER (Vine or orint)
the tanner and then or organizity had built	,		Hilstrom	
		Cildi yii	·	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	18C. DATE SIGNED
		· V	11.1	
		BY Ahr	eryn Wilse	12-14-00
(Signature of person authorized to sign)	20.		neture of Contracting Officer)	- 7 - 7

PREVIOUS EDITION UNUSABLE

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



- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$97,151 and the available fee allotment by \$4,371. As a result thereof, paragraphs (a) and (b) of B.4 are restated as Mows:
- (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 \$5,337,887. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$266,873 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val [.]	ue	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760	
Mcd.1	0	0	275,580	13,795	
Mod 2	0	0	1,818,980	90,935	
Mod.3	0	0		13,600	
Mcd.4	0	0	17,100	855	
Mod. 5	0	0	80,500	4,045	
Mod.6	0	0	112,240	5,640	
Mcd.7	0	0	125,690	6,310	
Mcd.8	0	0	285,500	14,500	
Mcd.9	0	0	9,525	475	
Mcd. 10	0	0	114,290	5,710	
Mcd. 11	0	0	28,575	1,425	
Mod. 12	0	0	9,500	500	
Mod. 13	0	0	380,332	19,668	
Mcd.14	0	0	38,000		
Mod. 15	0	0	38,118	1,882	
Mcd.16	0	0	8,008	0	
Mcd. 17	0	0	237,490	11,382	
Mcd. 18	0	0	48,199	2,401	
Mcd.19	0	0	38,095	1,905	
Mcd.20	0	0	9,500	500	
Mad.21	0	0	24,759	1,241	
Mod. 22	0	0	33,391		
Mcd.23	0	0	28,572	1,428	
Mod.24	0	0	632,777	31,639	

	val	value		Funding	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	47,500	2,500	
Mod. 28	0	0	71,316	3,616	
Mod. 29	0	0	47,500	500	
Mod. 30	0	0	9,500	500	
Mod. 31	0	0	10,952	548	
Mod. 32	0	0	190,477	9,523	
Mod. 33	0	0	38,095	1,905	
Mod. 34	0	0	61,891	3,094	
Mod. 35	0	0	(162,600)	(8,130)	
Mod. 36	0	0	9,500	500	
Mod. 37	0	0	9,500	500	
Mod. 38	0	0	59 <i>,7</i> 90	2988	
Mod. 39	0	0	9,500	500	
Mod. 40	0	0	104,762	5,238	
Mod. 41	<u>0</u>	<u>0</u>	<u>97.151</u>	4.371	
Totals	\$13,920,000	\$696,000	\$5,337,887	\$266,873	

		OMB A	oproval +. 2700-6042		
		0	1. CONTRACT ID CODE	PAGE	OF PAGES
AMENDMENT OF SOLICITATION/M	ODIFICATION OF CO	NTRACT		1	3
	3. EFFECTIVE DATE		ON/PURCHASE REQ. NO.	5. PROJECT N	(O. (If applicable)
42	DEO 0 1 0000	OBB.1135			
6. ISSUED BY CODE	DEC 2 1 2000	7. ADMINIST	ERED BY (If other than Item 6)	CODE	
		1		<u> </u>	
National Aeronautics and Space A Langley Research Center Hampton, VA 23681-0001	dministration				
•					
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street, county, State, and Zip Co	ode) (x)	9A. AMENDMENT OF SOLICI	TATION NO.	
The Aerospace Corporation					
2350 E. El Segundo Boulevard			9B. DATED (SEE ITEM 11)	· · · · · · · · · · · · · · · · · · ·	
			02. 2 (022		
El Segundo, CA 90245-4691		ļ			
C/0 1000 Wilson Boulevard, Suite	e 2600		10A. MODIFICATION OF COM	TIRACT/ORDER	INO.
Arlington VA 22209-3988			NAS1-99050		
		l X			
Attn: Mr. John R. Harry			10B. DATED (SEE ITEM 13)		_
	TY CODE		11/19/98		
1700			1 1/ 19/90		
IT MODIFIES T (x) A. THIS CHANGE ORDER IS ISSUED PUR ORDER NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN ITE C. THIS SUPPLEMENTAL AGREEMENT IS	reference to the solicitation and are DF OFFERS PRIOR TO THE His offer already submitted, such chair received prior to the opening (required) 20100; \$10,000; (Task PLIES ONLY TO MODINES ONLY TO MODINES ONLY TO MODINES ON TO SUANT TO: (Specify authority) 2020 PRIOR IS MODIFIED TO REFIEM 14, PURSUANT TO THE AUSS ENTERED INTO PURSUANT	mendment number our AND DATE lange may be many be many hour and date spot our and da	rs. FAILURE OF YOUR ACKNO SPECIFIED MAY RESULT IN RI de by telegram or letter, provided ecified. Iete) S OF CONTRACTS/OR DESCRIBED IN ITEM 1 B SET FORTH IN ITEM 14 ARE I HISTRATIVE CHANGES (such as R 43.103(b).	DERS, MADE IN THE CO	O SE RECEIVED OUR OFFER If r letter makes ONTRACT
D. OTHER (Specify type of modification and	d authority)				
E. IMPORTANT: Contractor X is not, is requ	ired to sign this document a	nd return	copies to the issuing office) <u>.</u>	2-1
14. DESCRIPTION OF AMENDMENT/MODIFICATION	ON (Organized by UCF section I	headings, includin	g solicitation/contract subject ma	itter where feasib	(0.)
The purpose of this modification is	to incrementally fund	the contract	in the amount of \$10,0	00 as follow	s:
	100	ntinued)			
	(CO	iuiueu)			
					M da
Except as provided herein, all terms and conditions of	f the document referenced in Ite	m 9A or 10A, as	neretofore changed, remains uno	nanged and in fu	IN TOrce and effect.
15A. NAME AND TITLE OF SIGNER (Type or print)			ND TITLE OF CONTRACTING OF HIIStrom	rriuek (1 ypo ol	r printi)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168 LIMITED	STATES OF AMERICA	160	DATE SIGNED
IND. CONTINUE CONCERCION	100. DATE SIGNED	BY ALCO	eryn Wilste	- - -	-21-00
(Signature of person authorized to sign)	L	<u> </u>	nature of Contracting Officer)		
NSN 7540-01-152-8070	30-	105	STAMPA	RD FORM 30 /	Rev. 10-83)

PREVIOUS EDITION UNUSABLE

Prescribed by GSA FAR (48 CFR) 53.243



- **A.** Section B., B4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$5,347,387. This allotment is far the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$267,373 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Fun	ding
	Est Cost	Fixed Fee	Est. cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1	0	0	275,580	13 <i>,</i> 795
Mod 2	0	0	1,818,980	90,935
Mad. 3	0	0	272,000	13,600
Mod. 4	0	0	17,100	855
Mcd. 5	0	0	80,500	4,045
Mcd. 6	0	0	112,240	5, 64 0
M ∞ d. 7	0	0	125,690	6,310
Mcd. 8	0	0	285,500	14,500
Mod. 9	0	0	9,525	<i>47</i> 5
Mod. 10	0	0	114,290	5 <i>,7</i> 10
Mod. 11	0	0	28,575	1,425
Mad. 12	0	0	9,500	500
Mod. 13	0	0	380,332	19, 668
Mcd. 14	0	0	38,000	2,000
Mcd. 15	0	0	38,118	1,882
Mod. 16	0	0	8,008	0
Mcd. 17	0	0	237,490	11,382
Mcd. 18	0	0	48,199	2,401
Mod. 19	0	0	38,095	1,905
Mcd. 20	0	0	9,500	500
Mcd. 21	0	0	24,759	1,241
Mod. 22	0	0	33,391	1,669
Mod. 23	0	0	28,572	1,428
Mod. 24	0	0	632,777	31,639

	Val	ue	Funding		
	Est Cost	Fixed Fee	Est_Cost	Fixed Fee	
Mod. 25	0	0	9,500	500	
Mod. 26	0	0	(38,858)	(2,045)	
Mod. 27	0	0	4 7 m	2,500	
Mod.28	0	0	71,316	3,616.	
. Mod. 29	0	0	47,500	500	
Mob. 30	0	0	9,500	500	
Mcd.31	0	0	10,952	548	
Mcd.32	0	0	190,477	9,523	
Mcd.33	0	0	38,095	1,905	
Mod. 34	0	0	61,891	3,094	
Mod. 35	0	0	(162,600)	(8,130)	
Mcd.36	0	0	9,500	500	
Mcd.37	0	0	9,500	500	
Mcd. 38	0	0	59 <i>,7</i> 90	2988	
Mcd.39	0	0	9,500	500	
Mcd.40	0	0	104,762	5,238	
Mcd.41	0	0	97,151	4,371	
Mcd.42	\mathbf{Q}	<u>0</u>	<u>9,500</u>	<u>500</u>	
Totals	\$13,920,000	\$696,000	\$5,347,387	\$267,373	

1				OMB	Approval #: 2700-c. 2		
					1. CONTRACT ID CODE		PAGE OF PAGES
	ENDMENT OF SOLICI ENDMENT/MODIFICATION NO		MODIFICATION OF CO		TION/PURCHASE REQ. NO.		1 3 CT NO. (# applicable)
2. PM	43	•	S. EFFECTIVE DATE	OBB.113		S. PROJE	or wo. (a apparation)
6. ISS	UED BY	COOE	DEC 28 2000		TERED BY (If other than Item 6)	CODE	
L	lational Aeronautics an angley Research Cent lampton, VA 23681-0	er	Administration				
8. NA	ME AND ADDRESS OF CONTR	VACTOR (No.	, street, county, State, and Zip Co	xde) (x)	9A. AMENDMENT OF SOLIC	TATION NO).
2: E	he Aerospace Corpora 350 E. El Segundo Bo I Segundo, CA 90245- C/0 1000 Wilson Boule	ulevard 4691	to 2500		98. DATED (SEE ITEM 11)	NO PAGYOR	DER NO
	Arlington VA 22209-3	· · · · · ·	ile 2000		NAS1-99050		DUITHO.
	Milligion VA 22205-3	900		l x			
	Attn: Mr. John R. Harr	v		^	10B. DATED (SEE ITEM 13)		
CODE			LITY CODE		11/19/98		
	11.	THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITATION	4S	
			as set forth in Item 14. The hour			vdended.	is not extended.
	13. THIS); 210100 ITEM AF ODIFIES	00100; \$51,955; (Task PLIES ONLY TO MOD THE CONTRACT/ORD	IFICATION ER NO. AS	S OF CONTRACTS/OR DESCRIBED IN ITEM S SET FORTH IN ITEM 14 ARE I	14.	E CONTRACT
X	appropriation date, etc.) SET	FORTH IN IT	ORDER IS MODIFIED TO REFLEM 14, PURSUANT TO THE AUTOMOTE INTO PURSUANT	THORITY OF F		s changes in	peying office,
	D. OTHER (Specify type of n						, , , , , , , , , , , , , , , , , , ,
1				·			
E. M	PORTANT: Contractor X	not, is req	uired to sign this document a	nd return	copies to the issuing office		
			s to incrementally fund	the contrac	ing solicitation/contract subject ma t in the amount of \$51,9		
			(Cor	ntinued)			
Except 15A. N	as provided herein, all ferms an NAME AND TITLE OF SIGNER (d conditions Type or print	of the document referenced in Ite	16A. NAME A	heretofore changed, remains und IND TITLE OF CONTRACTING OF HIIStrom	hanged and PFICER (Typ	in full force and effect. se or print)
158. C	ONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	1.10	BC. DATE SIGNED
				BY Sh	arem Wilster	im	12-28-00
	(Signature of person authorized	to sign)			gnature of Contracting Officer)		1 st - sto - CC
	540-01-152-8070		30-		STANDA		30 (Rev. 10-83)
PREVI	OUS EDITION UNUSABLE				Prescribed FAR (48 Cf		

CII E (CON)

- A. Section B., BA, Contract Funding, is modified to increase the available cost allotment by \$49,481 and the available fee allotment by \$2,474. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,396,868. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- fee. An additional amount of \$269,847 is obligated under this contract for payment of
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Funding	
	Est Cost	<u>Fixed Fee</u>	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$6 9 6,000	\$95,240	\$4,760
Mcd.1	0	0	275,580	13 <i>,7</i> 95
Mod 2	0	0	1,818,980	90,935
Mod. 3	0	0	272,000	13,600
Mcd.4	0	0	17,100	855
Mcd.5	0	0	80,500	4,045
Mod.6	0	0	112,240	5,640
Mod.7	0	0	125,690	6,310
Mcd.8	0	0	285,500	14,500
Mod. 9	0	0	9,525	475
Mod. 10	0	0	114,290	5,710
Mcd.11	0	0	28,575	1,425
Mcd. 12	0	0	9,500	500
Mcd. 13	0	0	380,332	19,668
Mod. 14	0	0	38,000	2,000
Mcd.15	0	0	38,118	1,882
Mcd.16	0	0	8,008	0
Mcd.17	0	0	237,490	11,382
Mod. 18	0	0	48,199	2,401
Mcd.19	0	0	38,095	1,905
Mod. 20	0	0	9,500	500
Mcd.21	0	0	24,759	1,241
Mcd. 22	0	0	33,391	1,669
Mcd. 23	0	0	28,572	1,428
Mod.24	0	0	632,777	31,639

NAS1-99050 Modification No. 43

Contract Tabulation Continued

	<u>Val</u>	<u>ue</u>	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Mod. 25	0	0	9,500	500
Mod. 26	0	0	(38,858)	(2,045)
Mod. 27	0	0	47,500	2,500
Mod. 28	0	0	71,316	3,616
Mod.29 -	0	0	47,500	500
Mcd.30	0	0	9,500	500
Mod,31	0	0	10,952	548
Mcd.32	0	0	190,477	9,523
Mcd. 33	0	0	38,095	1,905
Md.34	0	0	61,891	3,094
Mod. 35	0	0	(162,600)	(8,130)
Mod. 36	0	0	9,500	500
Mod. 37	0	0	9,500	500
Mod,38	0	0	59 <i>,</i> 790	2988
Mcd.39	0	0	9,500	500
Mcd.40	0	0	104,762	5,238
Mcd.41	0	0	97,151	4,371
Mod. 42	0	0	9,500	500
Mod. 43	Q	<u>0</u>	49,481	2.474
Totals	\$13,920,000	\$696,000	\$5,396,868	\$269,847

				OMB 4				
ــــــــــــــــــــــــــــــــــــــ				OMB A	pproval #		PAGE OF PAGES	
AME	NOMENT OF SOLICITAT	IONMO	DIFICATION OF C	ONTRACT			1 2	
2. AM	ENDMENT/MODIFICATION NO.	3.	EFFECTIVE DATE	4. REQUISIT	TOMPURCHASE REQ.	NO. 5. PI	NOJECT NO. (If applica	ble)
	44	CODE	1-12-01	7 4 50 MAN 63	ERED BY (If other than			
b. 1951	UED 8Y	CODE	1- # 1-#- ** # * *	/. AUMINIS!	eneu by (ir omer man	nem o) CC	300	
La	ational Aeronautics and S angley Research Center Iampton, VA 23681-0001	•	ninistration					
8. NAN	WE AND ADDRESS OF CONTRACT	OR (No., stre	et, county, State, and Zip C	code) (x)	9A. AMENDMENT O	F SOLICITATIO	N NO.	<u> </u>
23	he Aerospace Corporation 350 E. El Segundo Boulev I Segundo, CA 90245-469	ard .			9B. DATED (SEE IT	EM 11)		
	C/0 1000 Wilson Boulevar		2600	F	10A. MODIFICATION	N OF CONTRAC	T/ORDER NO.	
	Arlington VA 22209-3988	u, oune z	.000		NAS1-9905	io		
				l x				
	Attn: Mr. John R. Harry				10B. DATED (SEE I	TEM 13)		
CODE		FACILITY	CODE		11/19/98			
	11. TH	IS ITEM (ONLY APPLIES TO	AMENDME	NTS OF SOLICIT	TATIONS		
\Box	The above numbered solicitation is an	mended as se	t forth in Item 14. The hou	r and date specifie	d for receipt of Offers	is extended	is not extended.	
P		3,388; (EM APPL IFIES TH	Task 24) (Complete IES ONLY TO MO E CONTRACT/OR	DIFICATION DER NO. AS	S OF CONTRAC DESCRIBED IN	TS/ORDER ITEM 14.	S,	
(x)	NO. IN ITEM 10A.	NUED FURBU	MART TO: (Specify authorit	y) THE CHANGE	S SEI FORTH INTIEM	14 ARE MADE I	N THE CONTRACT ON	DEM
X	B. THE ABOVE NUMBERED CO appropriation date, etc.) SET FOR C. THIS SUPPLEMENTAL AGRE	TH IN ITEM 1	4, PURSUANT TO THE A	UTHORITY OF FA	R 43.103(b).	S (such as chang	es in paying affice,	
	D. OTHER (Specify type of modifi	icetion and au	nthority)					
	AND THE RESERVE AND THE RESERV	4 la 1			aanina ka Mari I	dan a cita		
14. 0	POPTANT: Contractor X is no REPRIENTION OF AMENDMENT/MOR	DIFICATION (ic to sign this document Organized by UCF section	heedings, includin	copies to the issue solicitation/contract su	uing omce. bject matter whe	re feasible.)	
	purpose of this modific	ation is to	o incrementally fund	d the contract	t in the amount of	f \$134, 015 a	as follows:	
			(C	ontinued)				
15A. N	t as provided herein, all terms and co NAME AND TITLE OF SIGNER (Type	nditions of the or print)	document referenced in It	16A. NAME A	neretofore changed, remainD TITLE OF CONTRA	eins unchanged CTING OFFICE!	and in full force and effe R (Type or print)	<u>ct.</u>
158. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	11	16C. DATE SIGNE	D
	(Simontino di managina)	elas)	1	BY	1/1	Kerry	January 12, 2001	t
NSN 7	(Signature of person authorized to : 540-01-152-8070			0-105 (S	ignature of Contracting C		DRM 30 (Rev. 10-83)	
	OUS EDITION UNUSABLE		•	/	F	rescribed by GS FAR (48 CFR) 53	A	

- A. Section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$127,681 and the available fee allotment by \$6,334. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$5,524,549. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$273,181 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	ue.	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1 thru 43	0	0	5,301,628	265,087
Mod 44	0	0	127.681	<u>6.334</u>
Totals	\$13,920,000	\$696,000	5,524,549	276,181

1				OMB A	pprovi 2700-004	2		and the second
					1. CONTRACT ID C		PAGE	OF PAGES
			DIFICATION OF CO				. 1	2
2. AM	ENUMENT/MODIFICATION N 45		EFFECTIVE DATE 1-30-01	4. REQUISIT	ION/PURCHASE REQ.	NO. 5.	PROJECT N	O. (If applicable)
6. ISS	UED 8Y	CODE		7. ADMINIST	ERED BY (Hother than	Item 6) (200€	
L	ational Aeronautics a angley Research Cer ampton, VA 23681-	iter	ministration					
8. NAI	ME AND ADDRESS OF CONT	RACTOR (No., str	et, county, State, and Zip Cod	(e) (x)	9A. AMENDMENT C	F SOLICITATI	ON NO.	
2	he Aerospace Corpo 350 E. El Segundo B i Segundo, CA 90245	oulevard			98. DATED (SEE IT	EM 11)		
	C/0 1000 Wilson Bou		2800		10A. MODIFICATION	A DE CONTO	CTABLES I	•
	Arlington VA 22209-		2000		NAS1-9905		UNONDER	₩.
	Attn: Mr. John R. Ha	rrv.	• •	X	108. DATED (SEE I	TEM 13)	. ·	
CODE		FACILITY	CODE		11/19/98			
	11.	THIS ITEM	ONLY APPLIES TO A	MENDME		ATIONS		
	The above numbered solicitation	on is amended as a	ot forth in Item 14. The hour ar	nd date specified	for receipt of Offers	is extende	d. is n	ot extended.
THE P	A. THIS CHANGE ORDER A. THE ABOVE NUMBERS B. THE ABOVE NUMBERS	REGION A THEMPORE E RECEIPT OF OF OF O things an offer a L and is received p ATION DATA (# re- 6722; \$18,945 \$ ITEM APPL MODIFIES TH IS ISSUED PURSI ED CONTRACT/OR	i; (Task 19) (Comple LIES ONLY TO MODI E CONTRACT/ORDE JANT TO: (Specify authority)	AND DATE SPI may be made b te specified. Ite) FICATIONS ER NO. AS THE CHANGES	FALURE OF YOUR ACT CONTROL OF CONTRACT DESCRIBED IN SET FORTH IN ITEM	TS/ORDEI TEM 14. 14 ARE MADE	RENT TO BE IN OF YOUR GRAM OF letter RS, IN THE CON	RECEIVED AT DIFFER. If by makes reference
	appropriation data, etc.) SE	FORTH IN ITEM 1	14, PURSUANT TO THE AUTI NTERED INTO PURSUANT T	HORITY OF FAI	R 43.103(b).			
	D. OTHER (Specify type of	modification and au	ithority)					
14. DE C "\$	Oraction: Modification 276.181".	T/MODIFICATION (on 44 Contract	od to eign this document ar Organized by UCF section her t Funding, paragraph o incrementallyfund th	ndings, including (b), the fee	amount "\$273, 1	oject matter whi 81" should	d have rea	
•			•			4.0,040 6		•
			(Con	tinued)				
Except	as provided herein, all terms	Ind conditions of the	document referenced in Item	94 or 104 ach	anatolona obanoad			
15A. N	IAME AND TITLE OF SIGNER	(Type or print)	Section (Section Code III Ref)	16A. NAME A	ND TIPLE OF CONTRAI	CTING OFFICE	ER (Type orp	vint)
158. C	CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	111		ATE SIGNED
	(Signature of person authorit	ed to sign)			reture of Contracting C	Micer)	Janua	ry 30, 2001
	540-01-152-8070 OUS EDITION UNUSABLE		30-1		9	TANDARD	ORM 30 (R	ev. 10-83)

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$18,043 and the available fee allotment by \$902. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (a) Far 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 \$5,542,592. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$277,083 is obligated under this contract for payment o fee.
- B. All other terms and conditions remain unchanged.

	val	110	Fun	ding
_	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1 thru 44	0	0	5,429,309	271,421
Mod 45	0	0	18.043	902
Totals	\$13,920,000	\$696,000	5,542,592	277,083

AMER				oproval #. 00-0042		
ALC: N				1. CONTRACT ID CODE	PA	GE OF PAGES
	IDMENT OF SOLICITATI	ION/MODIFICATION OF CO	ONTRACT		1	2
AME	NOMENT/MODIFICATION NO. 46	3. EFFECTIVE DATE 2-16-01	4. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT	NO. (# applicab
ISSU		2-10-U1	7. ADMINIST	ERED BY (If other than Item 6)	CODE	
			-		1	
Na	itional Aeronautics and Sp	pace Administration				
	ngley Research Center					
Ha	impton, VA 23681-0001					
NAM	E AND ADDRESS OF CONTRACTO	OR (No., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLICI	TATION NO.	
			ļ			
	e Aerospace Corporation		1	9B. DATED (SEE ITEM 11)	······································	
	50 E. El Segundo Bouleva			SO. UNIEU (SEE IIEM TI)	•	
	Segundo, CA 90245-4691		 	10A, MODIFICATION OF COR	TOLETRA	
	C/O 1000 Wilson Boulevard Arlington VA 22209-3988	1, Suite 2500	-	NAS1-99050	TITORCIZORDI	ER NO.
^	mington VA 22209-3906		x	IAV21-88020		
A	attn: Mr. John R. Harry		^	108. DATED (SEE ITEM 13)		
ODE	adi. Wir. Ovint IT. I ISHIY	FACILITY CODE		11/19/98		
سيطوسون	11. THIS	SITEM ONLY APPLIES TO	AMENDME		Je .	
-		ended as set forth in Item 14. The hour			· ·	
		; Task 13; CompletePR: AH.110	1; JO:R26722; \$	16,363; Task 16; Complete-	PR:AH.1102;	; JO: R27704;
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- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$42,803 and the available fee allotment by \$2,014. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$5,585,395. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$279,097 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	lue	Fun	ding
Combined Assemb	Est Cost 612 020 000	Fixed Fee	Est. Cost	Fixed Fee
Contract Award	\$13,920,000	\$696,000	\$95,240	\$4,760
Mod. 1 thru 45	U	. 0	5,447,352	272,323
Mod 46	0	0	42,803	2.014
Totals	\$13,920,000	\$696,000	5,585,395	279,097

1		•	OMB A	oproval #: 2700-0042			
	 			1. CONTRACT ID CO	OE	PAGE OF	FPAGES
AMENOMENT OF SO			ONTRACT			1	2
2. AMENOMENT/MODIFICATIO 47	N NO. 3.	EFFECTIVE DATE 3-8-01	4. REQUISIT	NONPURCHASE REQ. N	O. 5, PR	DIECT NO.	(N applicable)
6. ISSUED BY	CODE	0-0-01	7. ADMINIST	TERED BY (If other than It	em 6) COD	Ē	·
	<u> </u>		7			L	
National Aeronaution	s and Space Ad	ministration					
Langley Research (*			
Hampton, VA 236	B1-0001						
8. NAME AND ADDRESS OF C	ONTRACTOR (No. ee	ast sounds State and Tin C	ode) (x)	9A. AMENDMENT OF	SOLICITATION	NO.	
o. HAME AND ADDRESS OF C	ON 1001 On (110., 38)	est, coorty, State, and Elp C			SOCIATION	NO.	
The Aerospace Cor	poration		•				
2350 E. El Segundo				98. DATED (SEE ITE	M 11)		
El Segundo, CA 90			Ï				
C/0 1000 Wilson 8		2600		10A. MODIFICATION	OF CONTRACT	OADER NO	j
Arlington VA 2220			į	NAS1-99050)		
			l x				
Attn: Mr. John R.	Harry			108. DATED (SEE IT	EM 13)		
CODE	FACILITY	CODE		11/19/98			
	11. THIS ITEM	ONLY APPLIES TO	AMENDME	NTS OF	ATIONS		
The above numbered solid	itation is amended as s	et forth in Item 14. The hour	and date specifiè	d for receipt of Offers	is extended.	is not	extended.
Offers must acknowledge receip							
(a) By completing items 8 and 15 By separate letter or telegram will THE PLACE DESIGNATED FOI virtue of this amendment you do to the solicitation and this amend 12. ACCOUNTING AND APPRICA	itch includes a reference it THE RECEIPT OF OF sire to change an offer a iment, and is received o OPRIATION DATA (IF re	e to the solicitation and amer FFERS PRIOR TO THE HOU Iready submitted, such chan after to the opening hour and equired)	ndment numbers. JR AND DATE SF ge may be made I date specified.	FAILURE OF YOUR ACK PECIFIED MAY RESULT II by telegram or letter, provide	INOWLEDGMEN N REJECTION O ded each telegra	T TO BE RE F YOUR OF m or letter m	FCEIVED AT FER. If by leikes reference
PR: AH.1103; JO:R267; PR:0881161; JO: R277			105; JO:R26722	2; \$412/JO R27704 \$10	05,000; Task 2	5-1; Compl	ete
		LIES ONLY TO MOI	DIFICATION	S OF CONTRACT	SORDERS	.	
		E CONTRACT/ORI					
(x) A. THIS CHANGE OF	DER IS ISSUED PURS	UANT TO: (Specify authority	y) THE CHANGE	S SET FORTH IN ITEM 1	4 ARE MADE IN	THE CONT	RACT ORDER
NO. IN ITEM 10A.							
appropriation date, etc.) SET FORTH IN ITEM	RDER IS MODIFIED TO REF 14, PURSUANT TO THE AL ENTERED INTO PURSUAN	JTHORITY OF FA	AR 43.103(b).	(such as change	s in paying o	ffice.
D. OTHER (Specify ty	be of modification and a	uthority)					
E. IMPORTANT: Contracts	Y X in not in requir	erl to eign this document	and return	copies to the issui	an affine		
14. DESCRIPTION OF AMEND	MENT/MODIFICATION	(Organized by UCF section	heedings, includin	ng solicitation/contract subj	ect matter where	feasible.)	
The purpose of this	modification is t	o incrementally fund	the contrac	t in the amount of t	\$44,817 as	follows:	
		(Co	ontinued)				
Except as provided herein, all te		e document referenced in Ite					
15A. NAME AND TITLE OF SK	INER (Type or print)			AND TITLE OF CONTRAC	TING OFFICER	(Type or prir	16)
158. CONTRACTOR/OFFERO	R	15C. DATE SIGNED	168. UNITED	STATES OF MARICA	,	16C. DA1	TE SIGNED
				1 AUVI	land 1		
(Signature of person au	horized to sinn!		BY J	ignature of Contracting Of		March 8	, 2001
NSN 7540-01-152-8070		3	0-105		TANDARD FO	RM 30 /Re	v. 10-83)
PREVIOUS EDITION UNUSABI	.E	- -		Pr	escribed by GSA AR (48 CFR) 53.2		

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$268,134 and the available fee allotment by \$13,357. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$5,853,529. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$292,454 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	<u>lue</u>	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 46	\$13,920,000	\$696,000	5,585,395	279,097
Mod 47	0	0	<u> 268.134</u>	13,357
Totals	\$13,920,000	\$696,000	\$5,853,529	\$292,454

	<i>r</i> -		(-	
	<u> </u>	OMB A	pproval #: 2, -3-0042	
			1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITAT	ION/MODIFICATION OF C	ONTRACT	1	1 2
2. AMENDMENT/MODIFICATION NO. 48	3. EFFECTIVE DATE 3-20-01	4. REQUISIT	ION/PURCHASÉ REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY	:00E	7. ADMINIST	ERED BY (If other than Item 6)	CODE
		7		
National Aeronautics and Sp	pace Administration			
Langley Research Center				
Hampton, VA 23681-0001				
8. NAME AND ADDRESS OF CONTRACTO	OR (No., street, county, State, and Zip C	ode) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
The Aerospace Corporation				
Attn: Marie Smith		1		
2350 E. El Segundo Boulev	ard	ŀ	98. DATED (SEE ITEM 11)	
Ei Segundo, CA 90245-4691		1		
El Degundo, CA 30240-408			10A. MODIFICATION OF CO	NTRACT/ORDER NO
		1		THO HONDER NO.
	*		NAS1-99050	
		X	400 04750 (000 (000)	
CODE	FACILITY CODE		10B. DATED (SEE ITEM 13)	
			11/19/98	
11. THI	<mark>S ITEM ONLY APPLIES</mark> TO	AMENDME	NTS OF SOLICITATION	NS
The above numbered solicitation is am	ended as set forth in Item 14. The hour	and date specifier	for receipt of Office	tended. is not extended.
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C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERED INTO PURSUAN	T TO AUTHORITY	OF:	
D. OTHER (Specify type of modific				
J. Green (openly type or mount	eso: en autorny)			
E. IMPORTANT: Contractor X is not 14. DESCRIPTION OF AMENOMENT/MOD	, is required to sign this document FICATION (Organized by UCF section	and return headings, including	copies to the issuing office solicitation/contract subject met	CB. (er where feasible.)
The purpose of this modifica as follows:	ation is to incrementallyfund	ding as descri	ibed herein. According	ly the contract is changed
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	(Co	ontinued)		
hwant se namidad bessie all teams and see	dillana of the decrement informacy is to	04 404 t		
EXCEPT as provided herein, all terms and con 15A. NAME AND TITLE OF SIGNER (Type	Carbons of the document referenced in its	IRA NALAE A	eretolore changed, remains unch ND TITLE OF CONTRACTING C	sanged and in full force and effect.
	The second secon	, losent	S. Murray	Troun (Type or print)
		1 00000		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. WAITED	STATES OF AMERICA	16C, DATE SIGNED
			/ /V/Mi	
		BY	Sentol Illing	March 20, 2001
(Signature of person authorized to si NSN 7540-01-152-8070		0-105 /	ghilbling of Contracting Officer)	
PREVIOUS EDITION UNUSABLE	3	U-1U3 /	STARDA Prescribe	RD FORM 30 (Rev. 10-83)
				S BY GSA XFR) 53.243



NAS1-99050 Modification No. 48

Page 2 of 2

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$167,698 and the available fee allotment by \$8,385. As a result thereof, paragraphs (a) and (b) & 8.4 are restated as follows:
- (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 \$6,021,227. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting officer.
- (b) An additional amount of \$300,839 is obligated under this contract for payment of fee.
- B, All other terms and conditions remain unchanged.

	Vč	alue	Fun	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 46	\$13,920,000	\$696,000	5,853,529	292,454
Mod 48	0	0	<u> 167.698</u>	<u>8385</u>
Totals	\$13,920,000	\$696,000	\$6,021,227	\$300,839

		- - 	OMB	Approval #: 2	27)42		
AMENDMENT OF SOLICITATI	ONMO	DIFICATION OF CO	NTRACT	1. CONTR	ACT ID CODE	PAGE OF	PAGES 2
2. AMENDMENT/MODIFICATION NO. 49	3.	EFFECTIVE DATE 5-1-01	4. REQUISI	TIONPURCHA	ISE REQ. NO.	S. PROJECT NO. (II	applicable)
	OD€		7. ADMINIS	TERED BY (#	other than Item 6)	CODE	
National Aeronautics and Sp Langley Research Center Hampton, VA 23681-0001	ace Adn	ninistration					
8. NAME AND ADDRESS OF CONTRACTO	R (No., stre	et, county, State, and Zip Co	ie) (x)	9A. AMEN	DMENT OF SOLICE	TATION NO.	·
The Aerospace Corporation Attn: Marie Smith							
2350 E. El Segundo Bouleva El Segundo, CA 90245-4691				98. DATE	D (SEE ITEM 11)		
				10A. MOD	IFICATION OF CON	TRACT/ORDER NO.	**************************************
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The above numbered solicitation is am Offers must acknowledge receipt of this amer	enced as se idment prior	Crom in Rem 14. The nour a to the hour and date specifie	nd date specific d in the solicital	id for receipt of ion or as amen	Offers is extra ded, by one of the fo	ended, is not ex	itended.
	Task 3-6: 1 Task 27: M APPL IES THE	; \$1,426 Task 5-3; \$1,232 Complete IES ONLY TO MOD E CONTRACT/ORD	FICATION ER NO. AS	S OF CON	TRACTS/OR	DERS,	
X B. THE ABOVE NUMBERED CON appropriation date, etc.) SET FORTI	TRACT/ORE	DER IS MODIFIED TO REFL	ECT THE ADM	INISTRATIVE (CHANGES (such as	changes in paying offic	:e.
C. THIS SUPPLEMENTAL AGREE							
D. OTHER (Specify type of modific					/		
E. IMPORTANT: Contractor X is not	ie secuire	d to sign this document o	ad salves				
14. DESCRIPTION OF AMENDMENT/MODI	FICATION (Organized by UCF section he	adings, includir	og solicitation/co	the issuing office ontract subject matter	r where feasible.)	
The purpose of this modifica as follows:	tion is to	incrementally fundir	ng as desc	ribed herei	n. Accordingly	the contract is	changed
		(Cor	ntinued)				
Except as provided herein, all terms and cond	itions of the	document referenced in the-	QA or 104	haminin			. .
15A. NAME AND TITLE OF SIGNER (Type of	or print)	Occument reservices in Rem	16A. NAME	ND TITLE OF	ged, remains uncha CONTRACTING OF	nged and in tull force a FICER (Type or print)	nd effect.
				h S. Murray			
158. CONTRACTOR/OFFEROR		15C. DATE SIGNED		STATES OF	Such Land	16C. DATE	SIGNED
(Signature of person authorized to sig	n)		BY	ionainte di Con	hadding Officer)	May 1, 200)1
NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE		30-	05		STANDA	D FORM 30 (Rev.	10-83)
· ····································					Prescribed		

NAS1-99050 Modification No. 49

- A. Section B., B.4, Contract Funding is modified to increase the available cost allotment by \$28,218 and the available fee allotment by \$1,412. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$6,049,445. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$302,251 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	<u>ue</u>	Fun	ding
Award-Mod 48 Mod 49 Totals	Est Cost \$13,920,000 0 \$13,920,000	Fixed Fee \$696,000 0 \$696,000	Est. Cost 6,021,227 28,218 \$6,049,445	Fixed Fee 300,839 1.412 \$302,251

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		MODIFICATION OF CO		1. CONTRACT ID CODE		1	F PAGES
2. AMENDMENT	MODIFICATION NO. 50	3. EFFECTIVE DATE	4. REQUISIT	TON/PURCHASE REQ. NO.	5. PI	NOVECT NO.	(If applicable)
6. ISSUED BY	CODE	5-18-01	7. ADMINIST	ERED BY (If other than Item	7.6) CC	DOE	
Langley F	Aeronautics and Space Research Center , VA 23681-0001	Administration					
B. NAME AND AL	DORESS OF CONTRACTOR (No.	, street, county, State, and Zip Cod	(x)	9A. AMENDMENT OF S	OLICITATIO	N NO	
	space Corporation	· · · · · · · · · · · · · · · · · · ·	-/ <u></u>				
	El Segundo Boulevard do, CA 90245-4691	-		98. DATED (SEE ITEM	11)		<u> </u>
				10A. MODIFICATION OF	CONTRAC	T/ORDER NO	5.
			Х	NAS1-99050			
CODE	l sac	n m		108. DATED (SEE ITEN	(13)		
JODE	11. THIS ITE	LITY CODE M ONLY APPLIES TO A	AMENDME	! 11/19/98 NTS Of <i>SOLICITA</i> 1	TIONS		
The above		as set forth in Item 14. The hour a			is extended.		t extended.
THE PLACE DIES virtue of this americ to the solicitation: 12. ACCOUNTIN PR: AH.11: (X) A. THIS NO. IN I	IGNATED FOR THE RECEIPT O normant you desire to change an oil and this amendment, and is received G AND APPROPRIATION DATA 22; JO:R26722; \$5,000; Task 13. THIS ITEM AI IT MODIFIES CHANGE ORDER IS ISSUED PL TEM 10A.	• • • • • •	AND DATE SP may be made to the specified. FICATION: ER NO. AS THE CHANGES	S OF CONTRACTS DESCRIBED IN IT	VORDER EM 14. IRE MADE II	OF YOUR O	FFER. If by nakes reference
appropri	etion dete, etc.) SET FORTH IN IT	EM 14, PURSUANT TO THE AUT IS ENTERED INTO PURSUANT 1	HORITY OF FA	R 43.103(b).	un es uneng	ев играуна с	MICE,
D. OTH	ER (Specify type of modification a	nd authority)					
E. IMPORTAN	T: Confinctor X is not, is re- N OF AMENDMENT/MODIFICAT	quired to sign this document a ION (Organized by UCF section he	nd return edings, includin	copies to the issuing	office.	e feesible.)	
	ose cf this modification	is to incrementally fundir					is changed
		(Cor	ntinued)				
Except as provide 15A. NAME AND	d herein, all terms and conditions TITLE OF SIGNER (Type or print	of the document referenced in Item)	16A. NAME A	eretofore changed, remains ND TITLE OF CONTRACTIONS. Murray	unchanged a NG OFFICER	and in full force (Type or pri	e and effect.
158. CONTRACT	TOR/OFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF A STATES	<u>, </u>	1	-
		DATE SIGNED	BY ANTE	STATES OF AMERICA	rudh	16C. DA	TE SIGNED
(Signatur NSN 7540-01-155	of person authorized to sign)			gnature of Contracting Order		7	
PREVIOUS EDIT		30-1	/ /	Presc	NDARD IT ribed by GS/ (48 CFR) 53.)RM 30 (Re A 243	v. 10-83)

- A. Section B., 8.4, Contract Funding, is modified to increase the available cost allotment by \$4,762 and the available fee allotment by \$238. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (a) For purposes & payment of cost, exclusive of fee, in accordance with the Limitation & Funds dause, the total amount allotted by the Government to this contract is \$6,054,207. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting officer.
- (b) An additional amount of \$302,489 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	va	lue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 49	\$13,920,000	\$696,000	6,049,445	302,251
Mod 50	0	0	<u>4.762</u>	238
Totals	\$13,920,000	\$696,000	\$6,054,207	\$302,489

E	en de la companya de la companya de la companya de la companya de la companya de la companya de la companya de La companya de la companya de la companya de la companya de la companya de la companya de la companya de la co	<u> \</u>	ar Lagranda	ОМ	B Ac	proval #: 2700-u042	•	
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	ational Aeronautics an		ninistration	1				
	angley Research Cent							
H	ampton, VA 23681-0	001		İ			7	
8. NAN	IE AND ADDRESS OF CONTR	ACTOR (No., stre	et, county, State, and Zip Coo	(•)	(x)	9A. AMENDMENT OF S	OLICITATION I	łÖ.
Th	ne Aerospace Corpora	ition		Ī		*		
	tn: Marie Smith							<u> </u>
	350 E. El Segundo Bo			İ		98. DATED (SEE ITEM	11)	
E	Segundo, CA 90245-	4691		- 1		10A. MODIFICATION O	FORMERIOTA	SOCO NO
			•		ļ	NAS1-99050	r con i racia	UNDER NO.
				1	X	INAS 1-33030		
				1	^	108. DATED (SEE ITE)	V 13)	
CODE		FACILITY	CODE			11/19/98		
	11.	THIS ITEM	ONLY APPLIES TO A	MEND	VEN		TIONS	
Π,	The above numbered solicitation						is extended.	is not extended.
	must acknowledge receipt of thi							
(x)	ITM	SITEM APPL ODIFIES TH	LIES ONLY TO MOD IE CONTRACT/ORD UANT TO: (Specify authority)	ER NO.	AS	DESCRIBED IN IT	EM 14.	
(x)	NO. IN ITEM 10A.	S AGOED FORG	ONV. 10. (Specify adminity)	THE OTEN	1020	JOET PORTITION 14	A112 MADE 111	THE CONTINUI CHOEN
X			IDER IS MODIFIED TO REFL 14, PURSUANT TO THE AUT				uch as changes	in paying office.
	C. THIS SUPPLEMENTAL	GREEMENT IS E	NTERED INTO PURSUANT	TO AUTHO	RITY	OF:		
	D. OTHER (Specify type of	modification and a	uthority)				· · · · · · · · · · · · · · · · · · ·	
E. IM	PORTANT: Contractor X	is not, is requir	ed to sign this document a	nd return		copies to the issuin	g office.	
14. DE	ESCRIPTION OF AMENOMEN	MODIFICATION	(Organized by UCF section he	edings, inc	luding	g solicitation/contract subje	ct matter where	feesible.)
	he purpose of this mo	dification is t	o incrementallyfundi	ng as de	escr	ibed herein. Accor	dingly the c	ontract is changed
a	s follows:							
			(Co	ntinued)				
			(00.					
15A. I	t as provided herein, all terms a NAME AND TITLE OF SIGNER	na conditions of th (Type or print)	e document referenced in Item	194 or 104 164. NA	, as h	eretolore changed, remain ND TITLE OF CONTRACT	s unchanged an ING OFFICER	d in full force and effect. Type or print)
						S. Murray	- · · · · · · · · · · · · · · · · · · ·	
		·						
158. (CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UN	TED	STATES OF AMERICA	/	16C. DATE SIGNED
		والمستعدد والمستعدد		BY _	/	W/ h/1/1	Keles	July 11, 2001
Nen -	(Signature of person authoriz 540-01-152-8070	ed to sign)	1		75	gnature of Commiscipling City	the state of the s	
	IOUS EDITION UNUSABLE		30	105	•		ANDARIO FOI scribed by GSA	RM 30 (Rev. 10-83)
· /				•			1 (48 CFR) 53.2	43

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fixe, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$6,063,707. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- *(b) An additional mount of \$302,989 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val:	ue	<u>Fu</u>	nding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 49	\$13,920,000	\$696,000	6,054,207	302,489
Mod 50	0	0	<u>9.500</u>	<u>500</u>
Totals	\$13,920,000	\$696,000	\$6,063,707	\$302,989

I to the second of the second		OMB A	oproval #: 2700-6-2	
AMENDMENT OF SOLICITAT	ION/MODIFICATION OF CONT	RACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO.		. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY 0	DODE AUG 17 2001	Z ADMINIST	EDED ØY /// other then //ow @i	I
6. ISSUED 61	, 200E		ERED BY (if other than Item 6)	CODE
N. d. 1860				
National Aeronautics and S	pace Administration			
Langley Research Center				
Hampton, VA 23681-0001				
O NAME AND ADDRESS OF CONTRACT	DR (No., street, county, State, and Zip Code)	1 (4)	9A. AMENDMENT OF SOLIC	I I
The Aerospace Corporation	•	(x)	3A. AMENDMENT OF GOLIG	TATION NO.
Attn: Marie Smith		Ì	[
2350 E. El Segundo Boulev	ard		9B. DATED (SEE ITEM 11)	
El Segundo, CA 90245-469				al .
Li degando, CA 30240-403		<u> </u>	10A. MODIFICATION OF COM	VTRACT/ORDER NO
		i	NAS1-99050	THE TOTAL PROPERTY.
		x	NAS1-99050	
		^	108. DATED (SEEITEM 13)	
CODE	FACILITY CODE		l ' '	
	170011 0002		11/19/98	
			Offers is ex	tended. is not extended.
THE PLACE DESIGNAT virtue of this amendment				
	received prior to the opening hour and date s	specified.	, was grain at land, provided cao	I was grant or lower triangs retorer to
12. ACCOUNTING AND APPROPRIATION				
PR: AH.1023; JO:R24461; \$(37,50	0); Task 2-6; Complete PR: AH.1024;	JO:R24461	\$(16,500); Task 6-6; Compl	ete PR: AH.1022; JO:R24461;
\$(5,500); Task 8-6; Complete PR:	AH.1060; JO:R24461; \$(5,500); Task \$	3-2; Comple	te PR: AH.1066; JO:R2446	1; \$(750); Task 17-3; Complete
	Task 18-1; Complete Total all PRs \$(6		OF CONTRACTOR	5555
	M APPLIES ONLY TO MODIFI FIES THE CONTRACT/ORDER			
(X) A. THIS CHANGE ORDER IS ISSU	JED PURSUANT TO: (Specify authority) TH	E CHANGES	SET FORTH IN ITEM 14 ARE A	14.
NO. IN ITEM 10A.	Capacity authority) 111	LONATORS	SELFORITH HER IT ARE N	IN THE CONTINUE ONDER
B. THE ABOVE NUMBERED CON	TRACT/ORDER IS MODIFIED TO BEEL FOR	THE ADMIN	ISTRATIVE CHANGES (such as	changes in paving office
appropriation date, etc.) SET FORT	H IN ITEM 14, PURSUANT TO THE AUTHO	RITY OF FAF	(.43.103(b).	one geom paying onto,
C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERED INTO PURSUANT TO	AUTHORITY	OF:	
X D. OTHER (Specify type of modific				
	g (11852.232-81) (JUN 1990)			
E. IMPORTANT: Contractor is not.	is required to sign this document and re	tum 3	copies to the issuing offic	
14. DESCRIPTION OF AMENUMENT/MOD	IFICATION (Organized by UCF section headle	nas. includina	solicitation/contract subject math	er where feesible)
The purpose of this modifies	ation is to de-obligate increment	allyfundir	na se described berein	Accordingly the contract
is changed as follows:	and is to de-obligate little literi	any iui iuli	19 43 46361 IDEU HEICHI.	Accordingly ule Colluact
is changed as follows.				
	Contin	mod)		
	(Contin	iu c u)		
Except as provided herein, all terms and con-	ditions of the document referenced in Item 9A	or 10A se ha	ratofore channed remains continu	anned and in full forms and affect
15A. NAME AND TITLE OF SIGNER (Type	or print)	A. NAME AN	ID TITLE OF CONTRACTION OF	THE STATE OF THE S
Marie D. Smith	:		S. Murray	
	Commercial Contracts		7	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED 16	B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
Marie Xmill		. []	1/1/1/11	1 001
(Signature of person authorized to si	8/14/2001 B		N/W WILL	8-17-01
NSN 7540-01-152-8070	30-105	// (Sig	hature of Contracting Officer	PD E0014 20 (Day 40 00)
PREVIOUS EDITION UNUSABLE	30-103	l'	STANDA	RD FORM 30 (Rev. 10-83)
				FR) 53.243

- A. Section B, B.4, Contract Funding, is modified to decrease the available cost allotment by \$(63,048) and the available fee allotment by \$(3,152). As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$6,000,659. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$299,837 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	lue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 51	\$13,920,000	\$696,000	6,063,707	302,989
Mod 52	0	0	<u>-63.048</u>	<u>-3.152</u>
Totals	\$13,920,000	\$696,000	\$6,000,659	\$2 99 ,837

	Ţ		OMB A	pproval #: 2 -0042	
	1			1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITAT					1 2
2. AMENOMENT/MODIFICATION NO. 53		FFECTIVE DATE 8-13-01	i	ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
8. ISSUED BY	CODE		7. ADMINIST	ERED BY (if other than item 8)	CODE
National Aeronautics and S Langley Research Center Hampton, VA 23681-0001		ninistration			
NAME AND ADDRESS OF CONTRACT	OR /No. etres	et county State and Zin (Code) (x)	9A. AMENDMENT OF SOLI	CITATION NO.
The Aerospace Corporation Attn: Marie Smith	1	n, county, state, and zip c	(x)		
2350 E. El Segundo Bouler El Segundo, CA 90245-469				98. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF C	ONTRACT/ORDER NO.
	•		×	NAS1-99050	
				108. DATED (SEE ITEM 13)
CODE	FACILITY			11/19/98	·
11. T⊢	IS ITEM C	NLY APPLIES TO	AMENDME	NTS OF SOLICITATIC)NS
The above numbered solicitation is a	mended as se	t forth in Item 14. The hou	r and date specifie	d for receipt of Offers is	extended, is not extended.
13. THIS IT MODE IT MODE (X) A. THIS CHANGE ORDER IS IS NO. IN ITEM 10A. X B. THE ABOVE NUMBERED CO	DIFIES THE SUED PURSU ONTRACT/OR	IES ONLY TO MC E CONTRACT/OR IANT TO: (Specify author) DER IS MODIFIED TO RE	IDER NO. AS	NISTRATIVE CHANGES (such	A 14. EMADE IN THE CONTRACT ORDER
appropriation date, etc.) SET FOI					
C. THIS SUPPLEMENTAL AGR			NT TO AUTHORIT	Y OF:	
D. OTHER (Specify type of mod	fication and au	nthority)			
E. IMPORTANT: Contractor X is no 14. DESCRIPTION OF AMENDMENT/MC	ot, is require IDIFICATION	d to sign this documer Organized by UCF section	nt and return n headings, includir	copies to the issuing of solicitation/contract subject m	ffice. atter where feasible.)
The purpose of thii modificas follows:	cation is to	incrementally fun	ding as desc	ribed herein. Accordin	gly the contract is changed
		(C	Continued)		
Except as provided herein, all terms and of 15A. NAME AND TITLE OF SIGNER (Typ.		e document referenced in I	16A. NAME	heretotore changed, remains un AND TITLE OF CONTRACTING b-S Murray	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
			BY (61/ 11/ M	August 13, 2001
(Signature of person authorized to	sign)	1		ignature of Contracting Officer)	August 13, 2001
NSN 7540-01-152-9070 PREVIOUS EDITION UNUSARIE			30-105		ARD FORM 30 (Rev. 10-83)

- A. Section B, B.4, Contract Funding, is modified to increase the available cost allotment by \$9,500 and the available fee allotment by \$500. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- (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 \$6,010,159. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$300,337 is abligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	110	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 52	\$13,920,000	\$696,000	6,000,659	299,837
Mod 53	0	0	<u>9.500</u>	<u>500</u>
Totals	\$13,920,000	\$696,000	ද්ර 010 159	\$300,337

ſ		(OMB /	Approval #: 2, J042		المراجعة المراجعة المراجعة	
				1. CONTRACT ID CODE		PAGE OF PA	
and the second section in the second	NOMENT OF SOLICITATION/I ENDMENT/MODIFICATION NO.	AODIFICATION OF CO 3. EFFECTIVE DATE		TION/PURCHASE REQ. NO.		CT NO. (# a	2
Z. ANR	NOMENT/MIGRIPICATION NO. 54	8-30-01	4. HEQUISI	I IUNIFUNGNASE MEG. NO.	3. P710JE	:UT NO. (# 4	ppiicetie)
6. 1551	JED BY CODE	7 7 7 1	7. ADMINIS	TERED BY (If other than Item	6) CODE	T	
	'		7			<u> </u>	
N	ational Aeronautics and Space	Administration				•	
La	angley Research Center					*	
H	ampton, VA 23681-0001						
	ME AND ADDRESS OF CONTRACTOR (No.		10)	1 9A. AMENDMENT OF SC	N 1017 1 101 112		
	ne Aerospace Corporation	street, courty, State, and Zip Co	de) (x)	AV. WEUDWEN! OF SI	OLICH AHON NO).	
	tn: Marie Smith						
	350 E. El Segundo Boulevard		1	98. DATED (SEE ITEM	11)		
E	Segundo, CA 90245-4691	•	į				
				10A. MODIFICATION OF	CONTRACT/OF	DER NO.	
				NAS1-99050			
			X				
				108. DATED (SEE ITEM	1 13)		
CODE		LITY CODE	<u></u>	11/19/98			
	11. THIS ITE	M ONLY APPLIES TO	AMENDME	NTS OF SOLICITAT	TONS		
Offers (a) By o	The above numbered solicitation is amended on must acknowledge receipt of this amendment completing Items 8 and 15, and returning araba letter or talegram which includes a refer	prior to the hour and date specific copies of the amendment; (b) E trice to the solicitation and amend	ed in the solicitat By acknowledgin Iment numbers.	tion or as amended, by one of ig receipt of this amendment of FAILURE OF YOUR ACKNO	on each copy of the	ne offer submi	itted; or (c)
THE P	ACE DESIGNATED FOR THE RECEIPT OF f this amendment you desire to change an off	OFFERS PRIOR TO THE HOU	R AND DATE SI	PECIFIED MAY RESULT IN F	REJECTION OF Y	OUR OFFER	4. If by
to the s	olicitation and this amandment, and is receive	of orier to the opening hour and d	ate specified.	by telegram or letter, provided	2 datar vangrazii o	1 1940 THE TOTAL) (diametrica
	COUNTING AND APPROPRIATION DATA (• •					
PI	R: O68.1194; JO:R25103; \$62,430; Ta		ICIO ATION	10 OF CONTRACTO	/000000		
		PPLIES ONLY TO MOD THE CONTRACT/ORD					
(x)	A. THIS CHANGE CADEA IS ISSUED PU					E CONTRAC	TORDER
	NO. IN ITEM 10A.						
					· · · · · · · · · · · · · · · · · · ·		
X	B. THE ABOVE NUMBERED CONTRACT appropriation date, etc.) SET FORTH IN IT				ich as changes in	paying office	.
	C. THIS SUPPLEMENTAL AGREEMENT						
	D. OTHER (Specify type of modification ar	nd authority)					`.
E IN	PORTANT: Contractor X is not, is rec	wited to sign this document	and return	copies to the issuing	office		
14. DE	SCRIPTION OF AMENOMENT/MODIFICATI	ON (Organized by UCF section h	eedinas, includi	na solicitation/contract subject	metter where fee	sible.)	
-							
	ne purpose of this modification i	s to incrementally fundi	ng as desci	ribed herein. Accord	ingly the cor	ytract IS c	hanged
as	s follows:						
		(Co.	atious all				
		(COI	ntinued)				
Except	as provided herein, all terms and conditions o	f the document referenced in Item	1 9A or 10A, as I	heretofore changed, remains (unchanged and in	full force and	d effect.
15A. N	AME AND TITLE OF SIGNER (Type or print)		18A NAME	YND TITLE OF CONTRACTIN	IG OFFICER (Ty	pe or print)	
			Josep	h Ş. Murray			
158. C	ONTRACTOROFFEROR	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	17	6C. DATE S	GNED
7 .				// 17/	/.		
	(Signature of person authorized to sign)		BY /	ignature of Contracting Office	Company or any of many	August 30, 2	2001
NSN 75	40-01-152-8070	30-	105		NDARD FORM	30 (Bev 11	0-9(3)
	OUS EDITION UNUSABLE	•	7		ribed by GSA	en luna.	, 00)

NAS1-99050 Modification No. 54

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$49,957 and the available fee allotment by \$2,473. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$6,060,116. This allotment is for the performance of work in accordance with the limitations and completion dates asset forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$302,810 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	Va	alue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 53	\$13,920,000	\$696,000	6,010,159	300,337
Mod 54	0	0	<u>49.957</u>	<u>2,473</u>
Totals	\$13,920,000	\$696,000	\$6,0 6 0,116	\$302,810

					1. CONTRACT ID CODE		AGE OF PAGE
ME	NOMENT OF SOLIC	TATION/M	ODIFICATION OF C	CONTRACT	1. CONTINUE ID CODE	1	NGE OF PAGE
	NOMENTALOGIFICATION NO		EFFECTIVE DATE		ION/PURCHASE REQ. NO.	5. PHOUSE	T NO. / applic
	55		9-13-01				
ISSU	JED BY	CODE		7. ADMINIST	ERED BY (If other than item 6)	CODE	
				1 '			
	ational Aeronautics a		dministration				
	ngley Research Cen			1			
H	ampton, VA 23681-0	JOU 1					
NAL	E AND ADDRESS OF CONT	BACTOR (No. s	treet county State and Zio	Code) (x)	9A. AMENDMENT OF SOLI	TATION NO	
	ne Aerospace Corpor	, .	acou, accurry, Ciais, and asp	147		orranditio.	
	tn: Marie Smith			-			
	50 E. El Segundo Bo	oulevard		}	98. DATED (SEE ITEM 11)		
	Segundo, CA 90245						
				<u> </u>	10A. MODIFICATION OF CO	NTRACT/ORD	ER NO.
					NAS1-99050		
				X			
				<u> </u>	108. DATED (SEE ITEM 13	1	
DE		FACILI	TY CODE		11/19/98	, report	
	11.	THIS ITEM	ONLY APPLIES TO	O AMENDME	NTS OF SOLICITATIO	NS	······
T.	he above numbered solicitation	n in amandad as	and fault in how 44. The he		d for monitor of Officer 1	odended.	is not extende
E PL	ACE DESIGNATED FOR THI f this amendment you desire to ploitation and this amendment COUNTING AND APPROPRI 3: OBB.1198; JO:R27534; 13. THI	E RECEIPT OF (o change an offer t, and is received ATION DATA (# \$100,828; Tark S ITEM API	OFFERS PRIOR TO THE HO already submitted, such the prior to the opening hour an required) sk 28, Mod 1; Complete PLIES ONLY TO MO	OUR AND DATE SP ange may be made to d date specified. (Also See Block DDIFICATION	S OF CONTRACTS/O	RDERS,	LIR OFFER #
the state of the s	ACE DESIGNATED FOR THE fine amendment you desire to plotteting and this amendment COUNTING AND APPROPRIES OBS.1198; JO:R27534; 13. THE	E RECEIPT OF (p change an offer t, and is received ATION DATA (# \$100,828; Tar S ITEM API MODIFIES T	OFFERS PRIOR TO THE HO already submitted, such the prior to the opening hour an required) ik 26, Mod 1; Complete PLIES ONLY TO MO HE CONTRACT/OF	DUR AND DATE SP ange may be made to d date specified. (Also See Block DDIFICATION RDER NO. AS	ECIFIED MAY RESULT IN REJ by telegram or letter, provided ea 14 Below)	RDERS,	UR OFFER. If
the or AC PF	ACE DESIGNATED FOR THI fine amendment you desire to sibilitation and this amendment COUNTING AND APPROPRI E: OBS.1198; JO:R27534; 13. THI IT A A. THIS CHANGE ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERS	E RECEIPT OF (o change an offer a change an offer a change an offer a change and a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change and a change an offer a change and a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change an offer a change and a change an offer a change and a change an offer a change and a change an offer a change and a change an offer a change and a change and a change and a change an offer a change and a change an offer a change and a change an offer a change and a change and a change an offer a change and a change and a change an offer a change and a change an offer a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a change and a	OFFERS PRIOR TO THE HO already submitted, such the prior to the opening hour an required) like 26, Mod 1; Complete PLIES ONLY TO MOHE CONTRACT/OF SUANT TO: (Specify authoroped) and the CONTRACT/OF SUANT TO: (Specify authoroped)	OUR AND DATE SP ange may be made to d date specified. (Also See Block DDIFICATION RDER NO. AS nity) THE CHANGE	ECIFIED MAY RESULT IN REJUY telegram or letter, provided earlies of CONTRACTS/ODESCRIBED IN ITEM 14 ARE	ROERS, 14. MADE IN THE	UR OFFER. If etter makes ref
E PL ue of he s AC PF	ACE DESIGNATED FOR THI fithis amendment you desire to slicitation and this amendment COUNTING AND APPROPRI E: OBS.1198; JO:R27534; 13. THI IT & A. THIS CHANGE ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERS approprietion dete. etc.) SE	E RECEIPT OF Conchange an offer a series in contract (if \$100,828; Tark S ITEM API AODIFIES T IS ISSUED PURED CONTRACT/CT FORTH IN ITE	OFFERS PRIOR TO THE HO already submitted, such the perior to the opening hour an required) it 28, Mod 1; Complete PLIES ONLY TO MO HE CONTRACT/OF SUANT TO: (Specify authority) and the perior of the Modern Contract of the Modern C	DUR AND DATE SP ange may be made to d date specified. (Also See Block DDIFICATION RDER NO. AS rity) THE CHANGE EFLECT THE ADMIAUTHORITY OF FA	ECIFIED MAY RESULT IN REJUY telegram or letter, provided each of the second of the sec	ROERS, 14. MADE IN THE	UR OFFER. If etter makes ref
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E PL ue of he s AC PF	ACE DESIGNATED FOR THI fithis amendment you desire to slicitation and this amendment COUNTING AND APPROPRI E: OBS.1198; JO:R27534; 13. THI IT & A. THIS CHANGE ORDER NO. IN ITEM 10A. B. THE ABOVE NUMBERS approprietion dete. etc.) SE	E RECEIPT OF Continue an offer that is necessive that is necessive that is necessive that is 100,828; Tark S ITEM API AODIFIES T IS ISSUED PURED CONTRACT/C T FORTH IN ITEI AGREEMENT IS	OFFERS PRIOR TO THE HO already submitted, such chi prior to the opening hour an required) Ek 28, Mod 1; Complete PLIES ONLY TO MO HE CONTRACT/OF SUANT TO: (Specify autho ORDER IS MODIFIED TO RE M 14, PURSUANT TO THE A	DUR AND DATE SP ange may be made to d date specified. (Also See Block DDIFICATION RDER NO. AS rity) THE CHANGE EFLECT THE ADMIAUTHORITY OF FA	ECIFIED MAY RESULT IN REJUY telegram or letter, provided each of the second of the sec	ROERS, 14. MADE IN THE	UR OFFER. If etter makes ref
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- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$96,050 and the available fee allotment by \$4,778. As a result thereof, paragraphs (a) and (b) & B.4 are restated as follows:
- (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 \$6,156,166. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$307,588 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	ue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 54	\$13,920,000	\$696,000	6,060,116	302,810
Mod 55	0	0	<u>96.050</u>	4.778
Totals	\$13,920,000	\$696,000	\$6,156,166	\$307,588

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iscept i SA. N.	as provided herein, all terms an AME AND TITLE OF SIGNER (d conditions of the Type or print)	s document referenced in Item	16A. NAME A	eretofore changed, remains unche ND TITLE OF CONTRACTING OF S. Murray	nged and in full force and effect. FICER (Type or print)
58. C	ONTRACTOR/OFFEROR	·	15C. DATE SIGNED	16B. UNITED	STATES OF AMERICA	16C. DATE SIGNED
•				[h	1,11111	
	(Signature of person authorize	d to sion)	4	BY //Si	pratture of Coltrading Officer)	December 3,2001
3N 75	40-01-152-8070	wg-/	30-1			FORM 30 (Rev. 10-83)
	OUS EDITION UNUSABLE				Prescribed FAR (48 CF	6y GSA

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$137,983 and the available fee allotment by \$6,924. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$6,294,149. This allotment is far the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting officer.
- (b) An additidamount of \$314,512 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	lue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 55	\$13,920,000	\$696,000	6,156,166	307,588
Mod 56 Totals	0	Φ.σος 000	<u>137,983</u>	6,924
Totals	\$13,920,000	\$696,000	\$6,294,149	\$314312

NAS1-99 10. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLIC The above numbered colicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers Differs must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by a) By completing items 6 and 15, and returning	0042	
2. AMENDMENT/MODIFICATION NO. 3 EFFECTIVE DATE 4. HEQUISITION/PURCHASE RI 12-17-01 7. ADMINISTERED BY (if other in 12-1	CODE	PAGEO PAGES
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation Attn: Marie Smith 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691 10A. MODIFICAT NAS1-99 11B. THES ITEM ONLY APPLIES TO AMENDMENTS OF SOLIC The above numbered solicitation is smended as set forth in item 14. The hour and date specified for recipt of Offers flore must administrating them 3 and 15, and returning copies of the amendment; (b) By acknowledge gracejat of this amendment prior to the hour and date specified in the solicitation or as amended, by 18 pomphating items 3 and 15, and returning copies of the amendment; (c) By acknowledging receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by 18 pomphating items 3 and 15, and returning copies of the amendment; (c) By acknowledging receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by 18 pomphating items 3 and 15, and returning copies of the amendment; (c) By acknowledging receipt of this amendment are presented by acknowledging receipt of this amendment are presented and the amendment of the trip of the presented prior to the hour and date specified in the solicitation or as amended, by 18 pomphating in the trip of the presented prior to the hour and date specified in the solicitation or as amended, by 18 pomphating the area of the amendment prior to the hour and date specified in the solicitation or as amendment, and as receipted of the amendment of the prior	Q. NO. 5.	. PROJECT NO. (IT applicable
National Aeronautics and Space Administration Langley Research Center Hampton, VA 23681-0001 NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) The Aerospace Corporation Attn: Marie Smith 2350 E. F. Segundo Boulevard El Segundo, CA 90245-4691 The above numbered celifilation is amended as set forth in item 14. The hour and date specified for receipt of offers resemble the contract of the amendment prior to the hour and date specified in the solicitation or as amended to receipt of offers resemble their or integers which includes a reference to the solicitation and amendment numbers. FAILINE OF YOUR, By completing items 8 and 15, and returning	nan Item 6)	CODE
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2350 E. El Segundo, CA 90245-4691 Tiga. MODIFICAT NAS1-99 108. DATED (SEI 109 117/19/98 11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLIC The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers fers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation are amended, by specified in the solicitation and amendment in the solicitation and amendment (b) by acknowledging receipt of this amendment are particularly and the solicitation and amendment numbers. FAILURE OF YOUR, it is preparate tester or integram which includes a reference to the adelicitation and amendment numbers. FAILURE OF YOUR, it is preparate tester or integram which includes a reference of the amendment, by developing receipt of this amendment are of this amendment by the developing receipt of this amendment and the amendment put developing receipt of this amendment are of this amendment in the particular of the amendment put developing receipt of this amendment are of the amendment put developing receipt of this amendment are of the amendment put developing receipt of this amendment put developing receipt of this amendment put developing receipt of this amendment put developing receipt of this amendment put and the solicitation and attention. ACCOUNTRIA AND PREPARATION AND ATTENDED AND AT		
Et Segundo, CA 90245-4691 Total Modification Ida. Modification Ida. Modification Ida. Modification Ida. Modification Ida. Description	ITEM 11)	
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By completing itsume 6 and 15, and returning copies of the amendment, (b) By acknowledging receipt of this amendment respectively to the selectation and amendment numbers. FAILURE OF YOUR / REPURCE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT up of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, p the solicitation and the amendment, and is received prior to the opening hour and date specified. ACCOUNTMA ARID APPROPRIATION DATA (if required) PR: AH.1147; JO:R28577; \$10,000; Tesix 32 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRAIT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED II NO. IN ITEM 10A. A THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGE 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) IMPORTANT: Contractor X is not, is required to sign this document and return copies to the is DESCRIPTION OF AMENDMENT/ACOURCATION (Presented to 1/2) seation headfure including and distributions and including and described herein. According follows: (Continued) 16A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF SIGNER (Type or print) 16B. UNITED STATESOF AUTHOR 16C. DATE SIGNED 16B. UNITED STATESOF AUTHOR 16C. DATE SIGNED 16B. UNITED STATESOF AUTHOR 16C. DATE SIGNED 16B. UNITED STATESOF AUTHOR 16C. DATE SIGNED 16B. UNITED STATESOF AUTHOR 16C. DATE SIGNED 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF AUTHOR 16B. UNITED STATESOF A	is extende	ed, is not extended.
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The modification also provides incrementally funding as described herein. According follows: (Continued) (C		
The modification also provides incrementally funding as described herein. According follows: (Continued) (C	suing office.	
sot as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, ren NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTR. JOSEPH S. Murray 15C. DATE SIGNED 16B. UNITED STATES OF AND RIC BY	Jly the contri	act Is changed as
D. CONTRACTOROFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AMERICAN BY		
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Joseph S. Murray I. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. UNITED STATES OF AN AIC BY	ieins unchanged	and in kill force and effect.
BY AM	ACTING OFFICE	R (Type or print)
BY All All	//	18C. DATE SIGNED
	1600	
	Micer)	December 17, 2001
N 7540-01-158-8070 EVIOUS EDITION UNUSABLE	STANDARD FO	ORM 30 (Rev. 10-83)

- A. Section B., B.4, Contract Funding, is modified to increase the available cost allotment by \$137,983 and the available fee allotment by \$6,924. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$6,303,649. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$315,012 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	<u>lue</u>	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 56	\$13,920,000	\$696,000	6,294,149	314,512
Mod 57	0	0	9,500	500
Totals	\$13,920,000	\$696,000	\$6,303,649	\$315,012

1			OMB A	Approval # 00-0042	
AMENDME	NT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT	MODIFICATION NO.	3. EFFECTIVE DATE 1-24-02	4. REQUISIT	TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6 ISSUED BY	58 CODE	1-24-02	7. ADMINIST	TERED BY (If other than Item 6)	CODE
National Langley	Aeronautics and Space Research Center n, VA 23681-0001	Administration			
- 100 P 100 A	ENGRAL OF COLUMN LATER A	The Court of the C	- 	I 9A. AMENDMENT OF SOLIC	TATION NO.
The Aero	boness of contractor (No. space Corporation rie Smith	, street, county, State, and 210 Col	(x)	9A. AMENDMENT OF SOLIC	HAIRN NG.
	El Segundo Boulevard Ido, CA 90245-4691			9B. DATED (SEE ITEM 11)	
				10A. MODIFICATION OF CO	NTRACT/ORDER NO.
				NAS1-99050	
			X	108. DATED (SEE ITEM 13)	
CODE	T FAC	LITY CODE		11/19/98	
	11. THIS ITE	M ONLY APPLIES TO	MENDME		<u>v6</u>
(a) By completing By separate letter THE PLACE DES virtue of this amer to the solicitation (12. ACCOUNTIN PR: AHL114 COMPLET) (x) A. THIS NO. IN IT	or telegram which includes a refer IGMATED FOR THE RECEIPT OF Idmant you desire to change an off and this attentionart, and is receive if AND APPROPRIATION DATA (19; JO:R28677; \$39,985; Task IT MODIFIES (CHANGE ORDER IS ISSUED PU	prior to the hour and date specifies copies of the amendment; (b) Bence to the solicitation and amends offfers PRIOR TO THE HOUR or already submitted, such change of prior to the opening hour and de if required) 32 PR: OBB.1220; JO:R220 PLIES ONLY TO MODI THE CONTRACT/ORDE REJANT TO: (Specify authority) (ORDER IS MODIFIED TO REFLE	d in the solicitation of t	on or as amended, by one of the for receipt of this amendment on ear FARLURE OF YOUR ACKNOWLE ECIFIED MAY RESULT IN REJECT 19 TEST OF LONG TO THE STATE OF THE ST	ch copy of the offer submitted; or (c) EDGMENT TO BE RECEIVED AT CITION OF YOUR OFFER. If by a telegram or letter makes reference R28528; \$10,000; Task 34 ALL DERS, [4. ADE IN THE CONTRACT ORDER
	SUPPLEMENTAL AGREEMENT				
C. Tries	SUPPLEMENTAL MANEGMENT	S ERTENED IRTO PORSOART T	UNDINONIT	ur.	
D. 01H	iA (Specify type of modification an	d authority)			
14. DESCRIPTION This modi "\$9,500" a	P Contractor X is not, is neo to AMENDMENTAMORPICATE fication corrects the Mod and "\$500" respectively. fication also provides inc	N (Diginised by UCF section had diffication 57, paragraph a No other amounts are in rementally funding as de-	idings, <i>including</i> A, increase mpacted by	amount from "\$137,963 this correction.	risher Mashle) 3" and "6,924" to
Except as provided	herain, all terms and conditions of	the document referenced in them 6	M or 10A, se he	ratefore chapman sumaine susshie	noted and in full imposed effect
	TITLE OF SIGNER (Type or print)		16A. NAME AN	DITITLE OF CONTRACTING OF S. Murray	PICER (Type or pring)
15B. CONTRACTO	ONOFEROR			TATTE OF AMERICA	18C. DATE SIGNED
(Signature	of person authorized to sign)		BY ISIO	N / Chracing Officer)	January 24, 2002
NSN 7540-01-152-	9070	30-10			D FORM 30 (Rev. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243

- A. Section B., B.4, Contract Funding, is modified to increase the available cast and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of 8.4 are restated as follows:
- 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 \$6,360,754. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$317,892 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	lue	<u>Fun</u>	ding
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 57	\$13,920,000	\$696,000	6,303,649	315,012
Mod 58	0	0	<u>57.105</u>	2.880
Totals	\$13,920,000	\$696,000	\$6,360,754	\$317,892

		OMB A	pproval #: 27042	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO. 59	3. EFFECTIVE DATE FEB 2 7 2002		ONPURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (NO	o., street, county, State, and Zip Coo	(x)	9A. AMENDMENT OF SOLICIT	ATION NO.
The Aerospace Corporation Attn: Marie Smith 2350 E. El Segundo Boulevard El Segundo, CA 90245-4691			90. DATED (SEEITEM 11)	TO ACTION OF THE STATE OF THE S
			10A. MODIFICATION OF CONT NAS1-99050	HACT/ORDEH NO.
		l x	NA31-99030	
			10B. DATED (SEE ITEM 13)	
	ILITY CODE		11/19/98	
11. THIS ITE	EM ONLY APPLIES TO A	MENDMEN	ITS OF SOLICITATIONS	3
IT MODIFIES (x) A. THIS CHANGE ORDER IS ISSUED PO NO. IN ITEM 10A. B. THE ABOVE NUMBERED CONTRACT	T/ORDER IS MODIFIED TO REFLE	THE CHANGES CT THE ADMINI	DESCRIBED IN ITEM 74 SET FORTH IN ITEM 14 ARE MAI STRATIVE CHANGES (such as ch	1. DE IN THE CONTRACT ORDER
appropriation date, etc.) SET FORTH IN IT C. THIS SUPPLEMENTAL AGREEMENT	the state of the s			
X D. OTHER (Specify type of modification a FAR 43.103 (a), (3), Agreeme	nt of the Parties			
E. IMPORTANT: Contractor X is not, is re-	quired to sign this document an	d return	copies to the issuing office.	
14. DESCRIPTION OF AMENDMENTANDDIFICAT The purpose of this modification individual Task Assignments issu added as specified herein. According to the control of the control	is to add the requirement led under this contract. T	to perform (The applicab	classified work as may b ble contract clauses and	De specified in
	(Cont	inued)		
Except as provided herein, all terms and conditions of	of the document referenced in Item 9			
15A NAME AND TITLE OF SIGNER (Type or print) Harie D. Smith, Hanager			TITLE OF CONTRACTING OFFI S. Murray	CER (Type or print)
Civil & Commercial Contr		16B, UNIZED S	ATES OF AMERICA	I 16C, DATE SIGNED
Marie Smith		BY	A May	4 5-22-02
(Signature of person authorized to sign) NSN 7540-01-152-6070	21 Feb. 2002	//Sign	ature of Contracting Officer)	CASH 80 (Day 40 80)
PREVIOUS EDITION UNUSABLE		~ /	Prescribed by	
	LE COPY		FAR (48 CFR)) 53.243

NAS1-99050 Modification No. 59

I. CONTRACT CLAUSES The following contracts clauses are add by reference:

52.204-2 -- Security Requirements (August 1996) 852.204-75 Security Classification Requirements. (September 1989) (Insert: Top Secret and Medification 59, Attachment 1)

- II. Attachment 1: DD Form 254, Department of Defense Contract Security Classification Specification dated February 14,2002
- B. All other terms and conditions remain unchanged.

	<u>Val</u>	ue	Func	ling
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 58	\$13,920,000	\$696,000	6,360,754 *	317,892
Mod 59	Q	Q	Q	Q
Totals	\$13,920,000	\$696,000	\$6,360,754	\$317,892

DEPARTMENT OF DEFENSE CONTRACT SECURITY CLASSIFICATION SPECIFICATION

•	CLEARAINCE AIND	SALEGOARDING	
ľ	Facility Clearance Required		
	TOPSECRET		

(The requirements of the DoD industrial Secu	rity Manu	al apply t	o all security a	aspects	of this effort.)	B. Level Of Safeguarding Required TOP SECRET			
2. THIS SPECIFICATION IS FOR: (X and o	comple	te as a	oplicable)	3. T	HIS SPECIFICATIO	ON IS: (X and	complete as	applicat	ile)
A. PRIME CONTRACT NUMBER				1	A. ORIGINAL (Complete		ot a de Escado de Local C	Date (YYM	<u> </u>
X NAS1-99050								98/1	1/09
8. SUSCONTRACT NUMBER		· · · · · · · · · · · · · · · · · · ·			B. REVISED (Supersede	s all previous spece)	Revision No.	Date (YYM	MDO)
				X	MODIFICATIO	N		02/0	2/14
C. SOLICITATION OR OTHER NUMBER	Due	Date (YYM	MDD)		C. FINAL (Complete Iter	n 5 in All Cases)		Date (YYM	MOD)
4. IS THIS A FOLLOW-ON CONTRACT?		YE	s X	NO.	If Yes, complete the following	na:			
Character and an artist and an artist and an artist and an artist and are	L		L	٦	•	•	decition fallows as		
Classified material received or generated under					Preceding Contract	Number) is transferre	G IO BUR IONOM-OU	COTRIBUL.	
5i. IS THIS A FINAL DD FORM 254?		YE	S X	No.	If Yes, complete the following	ng:		•	
	L		<u> </u>	_ لـ					
In response to the contractor's request dated N/A	<u> </u>		rete	intion of	the classified material is au	thorized for the period	NA		·
C CONTRACTOR (Tested Comments) and	d Carre		Entite (CA	CEL	`~~				t en inte
6. CONTRACTOR (Include Commercial and A. Name, Address, And 25p Code	Gove	nment	B. Cage Co			ty Office (Name, Addr	see And The Code	4	
			1 -						
THE AEROSPACE CORPORATION			12782			SECURITY S			
2350 RAST EL SEGUNDO BLVD.			ŀ			TRADE CEN	IEK		
EL SEGUNDO, CA 90245			l		SUITE 622				
					LONG BEZ	ACH , CA 9083	51-0622		<u> </u>
7. SUBCONTRACTOR									
A. Name, Address, And Zip Code			B. Cage Co	de	C. Cognizant Securit	ly Office (Name, Addn	ses, And Zip Code)		
N/A			N	/A	N/A				
			1						
			1		· ·				
8. ACTUAL PERFORMANCE									
A. Location			B. Cage Coo	ie	C. Cognizant Securit	y Office (Name, Addre	es, And Zip Code)		
	•		1						
SEE BLOCK 13					•				
					L L				
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9.GEREKAL OF ITHE PRO	CURE	EN I							
RESEARCH AND DEVELOPMENT O)F TE	H	(R	ICED [1 AND			
SUPPORT TO NASA FOR T ALIS 10	RMAI	TONA	L COMM	UNI	LATIONS STUD	¥			
					_				None
10. CONTRACTOR WILL REQUIRE ACCESS TO:	YES	NO	11. IN PER	RFORM	ING THIS CONTRACT	, THE CONTRAC	TOR WILL:	YES	NO
A. Communications Security (Cornecc) Information	X				Classified Information Only	At Another Contracto	r's Padility Or A		X
B. Restricted Date		x	Governn B. Receive		ed Documents Only				x
C. Critical Nuclear Weapon Design Information		X	C. Receive	And Ge	nerate Classified Material			X	1
D. Formerly Restricted Data		X	D. Fabricate	e, Modif	y, Or Store Classified Hardy	vere		T	x
. Intelligence information			E. Perform	Service	Only				X
(1) Sensitive Compartmented Information (Sci)	X		F. Have Ac	cess To	U.S. Classified Information	Outside The U.S., Pu	erto Fildo, U.S.	1	X
(2) Non-Sol					Trust Territories Use The Services Of Defe	cae Tachologi Inframe	the Center (Dile)		
	X				ary Distribution Center	HIST THURSDAY SHOWING	MOR CHINE (DEC)		X
Special Access Information		X	<u> </u>		ic Account				X
). Nato information		Х			equirements				X
I. Foreign Government Information		X			Security (Opeac) Requirem		·		X
Limited Dissemination Information For Official Use Only Information		X			Use The Defense Courier	Service			X
. Other (Specify)		X	L. Other (S)	recary)	•				
N/A									
	- 1								
	I								
• •								1. 1	

							<u> </u>				
12. PUBLIC RE Industrial Security M	LEASE. anual unies:	Any information (classifies it has been approved to	ed or unclassified or public release t	l) pertaining to th by appropriate U.	is contract s .S. Governm	shall not be re nent authority.	leased for pu Proposed p	iblic disseminal jublic releases	tion excep shall be s	ot as pro- ubmitted	vided by the
*o — 🗀	irect	X Through	gh <i>(Specify)</i>		•						
''NIAGA T	ANCI F	Y RESEARCH	CENTED :	M/S 126 H	амрт	ON WAS	23681-21	0022			
		ay, 757-864-241	,	.11/5 120, 11	. T. TIMIT.	ON, VA 2	25001-21				
		• /									
		ational Aeronautics and S encies, requests for disc				, for review.					
guidance or if a to challenge the interpretation o classification as	my other core e guidance of f this guidan ssigned or re	E. The security classificat htributing factor indicates or the classification assign ce to the official identifies occurrended. (Fill in as ditional pages as needed	a need for chang ned to any inform d below. Pending appropriate for the	ges in this guidar nation or material g final decision, to ne classified effor	nce, the con furnished o he informati	tractor is auth or generated u on involved si	orized and e inder this cor hall be handl	ncouraged to p stract; and to su ed and protects	rovide rec sbrnit any ed at the I	commen question righest is	ded chang as for evel of
REFERENCI	E BLOC	K 10E(1,2)									
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. /		E CORPORAT E GUNDO BLD.	ION								
EL SEGU											
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NATIONA FAIRFAX		URITY SPACE	ARCHITE	CTURE (I	NSSA)	- GOVE	KNMEN	IT FACIL	TTY		
FAIREAA	, VA										
3) THEAER	OSPAC	E CORPORATI	15049, ION	CONFER	ENCE	CENTER	DR, C	HANTILI	Y, VI	201	51
(If Yes, identity is additional require CONTRAC COMPART EXECUTIVE	he pertinent ements. Pro TOR SI IMENT /E BRA	TY REQUIREMENTS contractual clauses in the wide a copy of the require HALL COMPLY ED INFORMAT NCH AGENCIE mustion sheet)	e contract documents to the con Y WITH A TION (SCI)	ent itself, or pro- gnizant security of CCESS AN AND SCI	vide an appi office. Use ID ENT FACIL	ropriate stater Item 13 if add RY REQ ITIES AS	ment which is litional space UIREM S ESTAI	iontifies the is needed.) ENTS FO BLISHED	R SEI BY S	PONS	ORIN
INSPECTION	S. Elemen	is of this contract are out	Iside the inspecti	on responsibility	of the obgni	zant security	office. (If Yes	, explain and	X ·	Yes	N
CONTRAC	TOR SI	ments carved out and the HALL BE SUBJ ENTED OPERA	ECT TO E	XECUTIV.	E BRAI	NCH AG	ENCY (VERSIG	HT IN		
CERTIFICATIO	N AND SK	GNATURE. Security re	quirements state	d herein are con	nplete and a	dequate for s	aleguarding	the classified in	formation	to be re	sleased or
eraind under this of TYPED NAME OF CE		rt. All questions shall be FICIAL	referred to the of		ow.	 .	· · · · · · · · · · · · · · · · · · ·	c. TELEPHO	NE (Includ	e Area Co	xde)
MICHAEL E. R			s	ecurity Special				757-864	-9470		
ADDRESS (Include 2) IASA LANGLEY SSS, ATTN: IN IAMPTUN, YA SSGNATES	RESEARC	REAGAN	Van	X	A. Cor B. Sub C. Cog D. U.S	contractor inizant Securi . Activity Resp	ty Office For	Prime And Sub Overseas Secu			1
Forth 254 Rends	LA	2 04/19/	ar -	$\frac{x}{x}$		ninistrative Co ers As Necesi	. •	icer .			
PORT 254 Revenue	Dec 90		•		•						

CONTINUATION BLOCK 14 OF DD FORM 254, CONTRACT NAS1-99050

SCI data furnished to or generated by the contractor will require security handling controls beyond the National Industrial Security Program. Contractor may request supplemental security instructions through supporting government user agency or managing Special Security Officer.

All SCI material released to the contractor under this specification will be handled and safeguarded only in approved SCI Facilities.

Security classification guidance shall be provided by user agency program manager. All classified information received or generated as a result of this contract remains the property of the U.S. government.

· ·		OMB /	Approval #: 27uu-0042	
			1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION		ONTRACT		1 2
2. AMENDMENT/MODIFICATION NO. 60	3. EFFECTIVE DATE 2-13-02	4. REQUISI	TION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE		7. ADMINIS	TERED BY (if other than Item 6)	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.,	street county State and Zin Co	ode) (x)	9A. AMENDMENT OF SOLIC	ITATION NO.
The Aerospace Corporation	onder, dearly, duals, and Ep es	, <u> __\</u>	1	
Attn: Marie Smith				
2350 E. El Segundo Boulevard			9B. DATED (SEE ITEM 11)	
			(00000000000000000000000000000000000000	
El Segundo, CA 90245-4691			10A. MODIFICATION OF COL	NTRACT/ORDER NO
				THACIJORDER NO.
			NAS1-99050	ν.
		X	100 04750 (055 5704 (10)	
			10B. DATED (SEE ITEM 13)	
	ITY CODE		11/19/98	
11. THIS ITE	M ONLY APPLIES TO	AMENDMEN	NTS OF SOLICITATION	4S
	d prior to the opening hour and de frequired) ; Task 35 PR: OBB.1228; J PLIES ONLY TO MODITHE CONTRACT/ORD	IC:R26985; \$1: IFICATIONS ER NO. AS THE CHANGES	12,257.00; Task 31 ALL COM S OF CONTRACTS/OR DESCRIBED IN ITEM SET FORTH IN ITEM 14 ARE M ISTRATIVE CHANGES (such as	MPLETE DERS, 14. ADE IN THE CONTRACT ORDER
C. THIS SUPPLEMENTAL AGREEMENT IS	ENTERED INTO PURSUANT T	O AUTHORITY	OF:	
D. OTHER (Specify type of modification and	authority)			
E. IMPORTANT; Contractor X is not, is requ	ired to sign this document ar	nd return	copies to the issuing office).
14. DESCRIPTION OF AMENDMENT/MODIFICATIO	N (Organized by UCF section her	edings, including	solicitation/contract subject matte	r where feasible.)
The modification also provides increased follows:	rementally funding as d	escribed he	rein. Accordingly the co	ontract is changed as
	(Con	tinued)		
Except as provided herein, all terms and conditions of t	he document referenced in Item S	A or 10A. as her	retofore changed, remains uncher	and and in full force and effect
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND	D TITLE OF CONTRACTING OF	RCER (Type or print)
ISB. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITEDS	TATES OF MERICAL	16C. DATE SIGNED
	_	BY As	A // Where	February 13, 2002
(Signature of person authorized to sign) NSN 7840-01-152-8070			atule of Gentlectiff Officer)	
PREVIOUS EDITION UNUSABLE	30-10	~ /	STANDAM Prescribed b	D FORM 30 (Rev. 10-83) y GSA

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NAS1-99050 Modification No. 60

- A. Section B., B.4, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) & 8.4 are restated as follows:
- (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 \$6,477,189. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$323,714 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	ue.	Fun	Funding	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Award-Mod 59	\$13,920,000	\$696,000	6,360,754	317,892	
Mod 60	0	0	<u>116.435</u>	<u>5,822</u>	
Totals	\$13,920,000	\$696,000	\$6 , 477 , 189	\$323,714	

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مرد و		PATIONA	IONEIOATION OF C	OMERACE	1. CONTRACT ID CODE	PAGE OF PAGES
2. Al	ENDMENT OF SOLICI	AHONA	3. EFFECTIVE DATE	4. REQUISIT	ON/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
3. IS	61 SUED BY	CODE	2-20-02	7. ADMINIST	ERED BY (If other than Item 6)	CODE
L	National Aeronautics an Langley Research Center Lampton, VA 23681-00	er i	dministration			
~ 44	ME AND ADDRESS OF CONTR	MOYOR (Va		Code) (x)	9A. AMENDMENT OF SOLK	CITATION NO.
1	The Aerospace Corpora Attn: Marie Smith					
	350 E. El Segundo Bou El Segundo, CA 90245-4		하기를 들었다면요? 되는 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 : 100명 :		98. DATED (SEE ITEM 11)	
•	.i ooguiido, on ooz io				10A. MODIFICATION OF CO	ONTRACT/ORDER NO.
				×	NAS1-99050	하게 되었습니다. 이 기업을 받는다. 지역하철 사람들은 이 기업을 받았다.
					10B. DATED (SEE ITEM 13)	
CODE			(Yeoste		11/19/98	
		THIS ITEN	CONLY APPLIES TO	AMENUMEN	TS OF SOLICITATIO	NS
(x) X	A. THIS CHANGE ORDER IS NO. IN ITEM 10A. B. THE ASOVE NUMBERED appropriation data, etc.) SET F	ISSUED PUR GONTRACTA OPITH IN ITEM	SJANT TO: (Specify authority MIDER IS MODIFIED TO REF II 14, PURSUANT TO THE AU) THE CHANGES LECT THE ADMINI THORITY OF FAR	STRATIVE CHANGES (such as 43.103(b).	WADE IN THE CONTRACT ORDE
	C. THIS SUPPLEMENTAL AG			TO AUTHORITY O		
	D. OTHER (Specify type of ma	odfication and	eutrority)			
4. DE	PORTANT: Contractor X is SCRIPTION OF AMENOMENTA The modification also pro	COPCATIO	Newsperies/Consideral	authge, helichig e		
fo	llows:		(Ca	ntinued)		현 문항에 되면 그 문화를 하셨 된 그렇게 말한 병기에서 모임 보기에 발생하고 있다.
A. N	as provided herein, all terms and AME AND TITLE OF SIGNER (7)	genditions of t ype or print)	he document referenced in Iter	16A. NAME ME Josephi S	TITLE OF CONTRACTING OF	aged and in full force and effect. PFICER (Type or print)
58. C	ONTRACTOROFFEROR		15C. DATE SIGNED	168. UNITED S	ATESOS METOS	16C. DATE SIGNED
				BY	MA MUL	## February 20, 2002
	(Signature of pagent authoritied is	o sion)			Auto Carles de Carles	
SN 75	(Signature of person authorized (40-01-152-6070 XUS EDITION UNUSABLE	o algn)		105	HIVE O CONNECON (SECO) STANSA PROCESS	PORM 30 (Rev. 10-83)

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- A. Section B., B.A, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of B.A are restated as follows:
- (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 \$6,556,541. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting of ficer.
- (b) An additidamount of \$327,682 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>Va</u>	lue	Funding		
en en en en en en en en en en en en en e	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Award-Mod 60	\$13,920,000	\$696,000	6,477,189	323,714	
Mod 61	0	0	79,352	3968	
Totals	\$13,920,000	\$696,000	\$6,556,541	\$327,682	

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ALERICATION OF COLLOT ATION	MODIFICATION OF C	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
AMENDMENT OF SOLICITATION 2. AMENDMENT/MODIFICATION NO.	MODIFICATION OF C		ION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
62	3-7-02	4. /iEdoloi1	ioni onombe neg. no.	O. T. FIGUE OF THE . (III application
. ISSUED BY CODE		7. ADMINIST	ERED BY (If other than Item 6)	CODE
	-	T		
National Aeronautics and Space	Administration			
Langley Research Center				
Hampton, VA 23681-0001		ļ		
. NAME AND ADDRESS OF CONTRACTOR (No.	street, county, State, and Zip C	Code) (x)	9A. AMENDMENT OF SOLIC	TATION NO.
The Aerospace Corporation		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		
Attn: Marie Smith		1		
2350 E. El Segundo Boulevard			98. DATED (SEEITEM 11)	
El Segundo, CA 90245-4691				
			10A. MODIFICATION OF COM	ITRACT/ORDER NO.
		ļ	NAS1-99050	
		X		
			10B. DATED (SEE ITEM 13)	
	LITY CODE		11/19/98	
	M ONLY APPLIES TO	AMENDMEN	ITS OF SOLICITATION	IS
The above numbered solicitation is amended a lers must acknowledge receipt of this amendment				ended, is not extended.
	BALL COMPLETE PLIES ONLY TO MOD	DIFICATIONS	OF CONTRACTS/OR	DERS,
IT MODIFIES	THE CONTRACT/ORE	DER NO. AS [DESCRIBED IN ITEM 1	4.
A. THIS CHANGE ORDER IS ISSUED PU NO. IN ITEM 10A.	RSUANT TO: (Specify authority) THE CHANGES	SET FORTH IN ITEM 14 ARE MA	ADE IN THE CONTRACT ORDER
B. THE ABOVE NUMBERED CONTRACT/ appropriation date, etc.) SET FORTH IN ITE	ORDER IS MODIFIED TO REFI	LECT THE ADMINIS	STRATIVE CHANGES (such as (changes in paying office,
C. THIS SUPPLEMENTAL AGREEMENT I			• •	
D. OTHER (Specify type of modification and	d authority)			
IMPORTANT: Contractor X is not, is requ	street to pion this document of	and roturn	_ copies to the issuing office	
DESCRIPTION OF AMENDMENT/MODIFICATION	N (Organized by UCF section h	eadings, including s	clicitation/contract subject matter	Where feasible.)
			•	•
The modification also provides inc follows:	rementally tunding as o	described ner	ein. Accordinglythe co	ntract is changed as
loiows.				
	(Co)	ntinued)		
	(COI	illi idea)		
			· · ·	
ept as provided herein, all terms and conditions of	the document referenced in Item	9A or 10A, as here	tofore changed, remains unchan	ged and in full force and effect.
ept as provided herein, all terms and conditions of . NAME AND TITLE OF SIGNER (Type or print)	the document referenced in Item	16A. NAME AND	TITLE OF CONTRACTING OFF	ged and in full force and effect. ICER (Type or print)
ept as provided herein, all terms and conditions of . NAME AND TITLE OF SIGNER (Type or print)	the document referenced in Item	19A or 10A, as here 16A. NAME AND Joseph 8	TITLE OF CONTRACTING OFF	ged and in full force and effect. ICER (Type or print)
cept as provided herein, all terms and conditions of the condition	the document referenced in Item 15C. DATE SIGNED	Joseph 8	TITLE OF CONTRACTING OFF	ged and in full force and effect. ICER (Type or print) 16C. DATE SIGNED
. NAME AND THE OF SIGNER (Type or print)		Joseph 8	TITLE OF CONTRACTING OFF	16C. DATE SIGNED
CONTRACTOR/OFFEROR (Signature of person authorized to sign)		Joseph 8	TITLE OF CONTRACTING OFF	ICER (Type or print) 16C. DATE SIGNED
. CONTRACTOR/OFFEROR		Joseph 8 16B. UNITED ST BY	TITLE OF CONTRACTING OFF THE CONTRACTING OFF T	16C. DATE SIGNED March 7, 2002 PORM 30 (Rev. 10-83)

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- A. Section B., B.4, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation & Funds clause, the total amount allotted by the Government to this contract is \$7,493,628. This allotment is for the performance of work in accordance with the Limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$374,561 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	val	ue	Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Award-Mod 61	\$13,920,000	\$696,000	6,556,541	327,682	
Mod 62	0	0	<u>937.087</u>	<u>46.879</u>	
Totals	\$13,920,000	\$696,000	\$7,493,628	\$374,561	

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	ENDAMENT OF SOLICITATIO	MAGDIEIO (FION () E	- CANTONOT	1. CONTRACTIO CODE	PAGE OF PAGES
	ENDMENT OF SULICITATION NO.	3 EFFECTIVE DATE	4. REQUISIT	ION/PURCHASE REQ. NO.	5. PROJECT NO (If applicable)
-	63	3-18-02			
6. IS	SUED BY COI	DE	7. ADMINIST	ERED BY (If other than Item 6)	CODE
į	National Aeronautics and Spa Langley Research Center Hampton, VA 23681-0001	ce Administration			
8. NA	ME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip (Code) (x)	9A. AMENDMENT OF SOLICI	TATION NO.
A	The Aerospace Corporation Attn: Marie Smith			98. DATED (SEE ITEM 11)	
	350 E. El Segundo Boulevard El Segundo, CA 90245-4691			(S) (S) (S) (S)	
_	in dogumes, or total to the			10A. MODIFICATION OF CON	ITRACT/ORDER NO.
			×	NAS1-99050	
				10B. DATED (SEE ITEM 13)	in the second se
CODE		ACILITY CODE	1	11/19/98	10
	11. IHISI	TEM ONLY APPLIES TO) AMENDME		NS is not extended.
PR: O		APPLIES ONLY TO MOI S THE CONTRACT/ORI PURSUANT TO: (Specify authority ICT/ORDER IS MODIFIED TO REF	DIFICATIONS DER NO. AS I P) THE CHANGES LECT THE ADMINI	OF CONTRACTS/OR DESCRIBED IN ITEM 1 SET FORTH IN ITEM 14 ARE M STRATIVE CHANGES (such as	DERS, 4. ADE IN THE CONTRACT ORDER
	C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED INTO PURSUANT	TO AUTHORITY	θF;	
	D. OTHER (Specify type of modification	and authority)			
F 144	PORTANT: Contractor X le not, le r	required to sign this document	and return	copies to the issuing office	
14. DE	SCRIPTION OF AMENDMENT/MODIFICA he modification also provides	ATION (Organized by UCF section I	needings, including :		
fo	liows:				
		(Co	ontinued)		
Except /	as provided herein, all terms and condition AME AND TITLE OF SIGNER (Type or pri	s of the document referenced in Iter nt)	18A. NAME AND	etofore changed, remains unchar TITLE OF CONTRACTING OFF Murray	ned and in full force and effect. FICIER (Type or print)
100 ~	ONTRACTOR/OFFEROR	160 BATE SIGNED	100/111/100	TATES OF REPORT	T 100 BARRANIES
		15C. DATE SIGNED	by M	ATESOF AMERICA	16C. DATE SIGNED March 18, 2002
	(Signature of person authorized to sign) 40-01-152-8070	<u> </u>	105 (Sign	thife of Cifritiating Officer)	D FORM 30 (Rev. 10-83)
	OUS EDITION UNUSABLE	•		Prescribed by AR (48 CFF	y GSA

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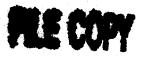
- A. Section B., B.4, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is \$7,556,448. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth m task orders authorized by the Contracting officer.
- (b) An additional amount of \$377,702 is obligated under this contract for payment of fee.
- B. All other terms and conditions remain unchanged.

	<u>V</u> a	<u>lue</u>	Funding	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 62	\$13,920,000	\$696,000	7,493,628 62,820	374,561 3,141
Mod63 Totals	\$13,920,000	\$696,000	\$7,556,448	\$377,702

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National Aeronautics and S Langley Research Center Hampton, VA 23681-000	•			
B. NAME AND ADDRESS OF CONTRACT	TOP (No. street county State and 7	in Code) (v)	9A. AMENDMENT OF SOLIC	TATION NO
The Aerospace Corporation		(x)	J SA. AMENDMENT OF SOCIO	ITATION NO.
Attn: Marie Smith				
2350 E. El Segundo Boule	vard	ı	9B. DATED (SEE ITEM 11)	
El Segundo, CA 90245-469				
		-	10A. MODIFICATION OF COM	TRACT/ORDER NO.
			NAS1-99050	
	•	x	1421-99000	
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D. OTHER (Specify type of modific	ation and authority)			
IMPORTANT: Contractor X is not DESCRIPTION OF AMENDMENT/MOD	, is required to sign this documer	nt and return	copies to the issuing office	
The modification also provid follows:				
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capt as provided herein, all terms and cond	Itions of the document referenced in It	em 9å or 10å se ham	stolore changed, complete unchan	and and in full faces and affect
A. NAME AND TITLE OF SIGNER (Type o	or print)	16A. NAME AND JOSEPH S	TITLE OF CONTRACTING OFF	CER (Type or print)
B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED ST	ATES OF AMERICA	16C, DATE SIGNED
		BY W	h & Mule	Warch 29, 2002
(Signature of person authorized to sig N 7540-01-152-6070			dure of Contractiffy Officer)	7
N 7540-01-152-9070 EVIOUS EDITION UNUSABLE	3	0-105	STANDAR Prescribed by	PORM 30 (Rev. 10-83)



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National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration					
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- A. Section B., B.4, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$7,770,474. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount £ \$388,428 is obligated under this contract for payment £ fee.
- B. All other terms and conditions remain unchanged.

	value		Funding		
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee	
Award-Mod 65	\$13,920,000	\$696,000	7,670,855	383 <i>,</i> 447	
Mod 66	0	0	<u>99,619</u>	<u>4.981</u>	
Totals	\$13,920,000	\$696,000	<i>\$7,7</i> 70,474	\$388,428	

		OMB	Approval #: ≥, ∪0-0042	
AMENDMENT OF SOLICITATION	MODIFICATION OF CO	NTRACT	1. CONTRACT ID CODE	PAGE OF PAGES 1 2
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUIS	ITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
67	5-10-02		75050 81/1/- 4 4 4	1
6. ISSUED BY CODE	<u> </u>	7. ADMINIS	STERED BY (If other than Item 6	CODE
National Aeronautics and Space Langley Research Center Hampton, VA 23681-0001	Administration			
8. NAME AND ADDRESS OF CONTRACTOR (No.	street county State and Tin Coo	(4)	1 9A. AMENDMENT OF SOL	ICITATION NO
The Aerospace Corporation	, street, county, State, and 21p Cou	(x	J. AMENDMENT OF SOL	CITATION NO.
Attn: Marie Smith				
2350 E. El Segundo Boulevard			9B. DATED (SEE ITEM 11)	
El Segundo, CA 90245-4691		- 1		
			10A. MODIFICATION OF C	ONTRACT/ORDER NO.
			NAS1-99050	
		X		
			108. DATED (SEE ITEM 13)
CODE FACIL	LITY CODE		11/19/98	
11. THIS ITE	M ONLY APPLIES TO A	MENDME		NS
The above numbered solicitation is amended a				extended, is not extended.
IT MODIFIES 1	ALL COMPLETE PLIES ONLY TO MODII THE CONTRACT/ORDE	FICATION R NO. AS	IS OF CONTRACTS/O	RDERS,
(x) A. THIS CHANGE ORDER IS ISSUED PUR NO. IN ITEM 10A.				
B. THE ABOVE NUMBERED CONTRACT/ approprietion date, etc.) SET FORTH IN ITE				s changes in paying office, ~~
C. THIS SUPPLEMENTAL AGREEMENT H	S ENTERED INTO PURSUANT TO	AUTHORITY	OF:	· ·
D. OTHER (Specify type of modification and	authority)			
		<u> </u>		
E. IMPORTANT: Contractor X is not, is requ 4. DESCRIPTION OF AMENDMENT/MODIFICATIO	ared to sign this document and	d return	copies to the issuing offi	CO.
The modification also provides inclodes:				
	(Conti	inued)		
	(SOI)	ucuj		
izonot as provided herein, all terms and conditions of SA. NAME AND TITLE OF SIGNER (Type or print)	the document referenced in Item 9/	GA. NAME A	eretofore changed, remains unch 19 TITLE OF CONTRACTING O \$. Murray	anged and in full force and effect. FFICER (Type or print)
		hosehii	J. Williay	
58. CONTRACTOR/OFFEROR	15C. DATE SIGNED 1	68. UNITER	STATES OF AMERICA	16C, DATE SIGNED
(Signature of person authorized to sign)	B		nature of Contracting Officer)	May 10, 2002
SN 7540-01-152-8070	30-105			PD EDDM 20 (Paul 10 00)
REVIOUS EDITION UNUSABLE	00-100		Poscribed FAR (48 C	

- A. Section B, B.4, Contract Funding, is modified to increase the available cost and fee funding as reflected in the Contract Tabulation Funding summary. As a result thereof, paragraphs (a) and (b) of B.4 are restated as follows:
- (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 \$8,003,595. This allotment is for the performance of work in accordance with the limitations and completion dates as set forth in task orders authorized by the Contracting Officer.
- (b) An additional amount of \$400,109 is obligated under this contract for payment of fee.

B. All other terms and conditions remain unchanged.

	<u>Value</u>		<u>Funding</u>	
	Est Cost	Fixed Fee	Est. Cost	Fixed Fee
Award-Mod 66	\$13,920,000	\$696,000	7,770,474	388,428
Mod 67	0	0	233,121	<u>11.681</u>
Totals	\$13,920,000	\$696,000	\$8,003,595	\$400,109