AMENDMENT OF SOLICITA	T N/MO	DIFICATIO	N OF	CONTRA	AC"	1. CONTRA	CT ID CODE	PAGE(S)	
2. AMENDMENT/MODIFICATION NO. 1	3. EFFEC See BIJ	TIVE DATE	4. RE	QUISITION/F N/A	QUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applic				
6. ISSUED BY	-		<u> </u>	7. ADMINIST	ERED E	Y (if other than	Item 6)		
NASA									
Goddard Space Flight Center				Same					
Wallops Flight Facility									
Wallops Island, VA 23337									
8. NAME AND ADDRESS OF CONTRAC	CTOR (No.,	street, county,	State a	nd ZIP	()	9A. AMENDME	NT OF SOLICITA	TION NO.	
Orbital Sciences Corporation									
Technical Services Division									
ATTN: Jeff Heath									
7500 Greenway Center Drive Ste. 7	700								
Greenbelt, MD 20770									
						9b. DATED (SE			
					x		TION OF CONTI	RACT/ORDER	
ODE: FACILITY CODE:						10B. DATED (S	•		
11. THIS ITEM ONLY APPLIES T	O AMENIDM	ENTS OF SO	LICITA:	TIONS		02-01-	2019		
[ ] The above numbered solicitation is amended as set					Feare f lie	awtandad ( 1 is not	entonded		
	00 EM APPLIE	required) Total Estin S ONLY TO M CONTRACT/	IODIFIC	CATIONS O	F CON	TRACTS/ORI			
A. THIS CHANGE ORDER IS I	SSUED PURS							IADE IN THE	
CONTRACT ORDER NO. IN IT	TEM 10A.								
B. THE ABOVE NUMBERED Coffice, appropriation date, etc.	CONTRACT/O	RDER IS MODIF I IN ITEM 14, PU	IED TO JRSUAN	REFLECT TH T TO THE AU	IE ADMI JTHORIT	NISTRATIVE CH Y OF FAR 42.10	IANGES (such as 03(b).	changes in pay	
C. THIS SUPPLEMENTAL AG	REEMENT IS	ENTERED INTO	PURS	JANT TO AUT	THORIT	OF:			
D. OTHER (Specify type of m		**	APR 1	984)					
E. IMPORTANT: Contractor [X ] is not, [ ]	is required to	sign this docume	ent and r	eturn		to be issued offi			
14. DESCRIPTION OF AMENDMENT/MODIF	ICATION (Orga	nized by UCF sec	tion head	lings, including	solicitat	ion/contract subje	ct mater where fea	sible.)	
A. The total estimated contract	value rem	ains unchan	iged.						
B. This modification is issued to	ablicata e	antunat fun	dina 4	aw dha Ni A	CA D	allaan Ones	mtions Cont	(ATD) (A	
B. This mounted floir is issued to	onngate (	OHII ACI TUH	umg i	or the NA	ISA D	япооц Ореі	MITOTIA COTI	raci (MDO)	
		(See	Page	two)					
Except as provided herein, all terms and conditions of the doc	ument referenced is	•	-	•	mchannad .	and in full force and at	land.		
15A. NAME AND TITLED OF SIGNER (Type							ACTING OFFICE	R (Type or prin	
				Mickey	/ M. B.f.	arritt ~			
15B. CONTRACTOR/OFFEROR		15C, DATE SI	GNED		- 1	FES OF AMERIC	A TI	C.DATE SIGNE	
				Biorigina					
(Signature of person authorized to sign)				(Signature	of Coal	esting Officer)	0 -2	12/16/14	

FROM BY TO

\$600,000.0 \$162,806.00 \$762,806.00

2. <u>ACCOUNTING AND APPROPRIATION DATA</u>—is revised to provide the following, Obligate as follows:

PR Number	Amount	<u>Fund</u>	<u>WBS</u>	Funding Basket
4200534335	\$162,806.00	SPTX22015D	406979.01.05.06	LDSD

- 3. Total obligated by this modification is \$162,806.00.
- 4. The period of allotment is from date this contract through February 13,, 2015.
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICIT	A1 //MODIFICATIO	ON OF CONTR	RAC'.	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 2	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION N/A	/PURCHAS	BE REQ. NO.	5. PROJECT N	O. (if applicable
6. ISSUED BY	1	7. ADMINIS	TERED BY	(If other than	Item 6)	
NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337	r	Same	•			
8. NAME AND ADDRESS OF CONTR	RACTOR (No., street, count	y, State and ZIP	()	A. AMENDME	NT OF SOLICITA	TTON NO.
Code) Orbital Sciences Corporation						
Fechnical Services Division						
ATTN: Jeff Heath			1 1			
7500 Greenway Center Drive Ste	e. 700		1			
Greenbelt, MD 20770						
			9	b. DATED (SE	E ITEM 11)	
			X		ATION OF CONTI	RACT/ORDER
CODE:	FACILITY CODE:		-	08. DATED (S		
11. THIS ITEM ONLY APPLIES	TO AMENDMENTS OF SO	OLICITATIONS		02 01	2015	
П М	RIATION DATA (If required) 12.00 Total E ITEM APPLIES ONLY TO IODIFIES THE CONTRACT	stimated Cost: MODIFICATIONS	64,885,4 OF CONT	402.00 FRACTS/ORI	DERS,	ng hour and date
CONTRACT ORDER NO. IN						
B. THE ABOVE NUMBERE office, appropriation date,	D CONTRACT/ORDER IS MODI etc.) SET FORTH IN ITEM 14, F	FIED TO REFLECT TO PURSUANT TO THE A	HE ADMIN UTHORITY	ISTRATIVE CH OF FAR 42.10	IANGES (such as 03(b).	changes in pay
	AGREEMENT IS ENTERED INT	O PURSUANT TO AU	THORITY	OF:		
Far 52.232.22 LIMI	of modification and authority) TATION OF FUNDS					
E. IMPORTANT: Contractor [X ] is not,	[ ] is required to sign this docum	nent and return	copies t	o be issued offi	ce.	
A. The total estimated contract	et value remains uncha	nged.	ig solicitațio	n/contract subje	ct mater where fea	sible.)
B. This modification is issued	to obligate contract fu	nding for the N	ASA Ba	lloon Opei	ations Cont	ract (NBOC
	(Se	e Page two)				
Except as provided herein, all terms and conditions of the	document referenced in Item 9A or 10A, as					
15A. NAME AND TITLED OF SIGNER (Typ.	oe or printj		E AND TITI V M. Met		ACTING OFFICE	R (Type or prin
15B. CONTRACTOR/OFFEROR	15C. DATE S		TEN STATI	AMERIC	A 16	C.DATE SIGNE
(Signature of person authorized to sign)		(Signature	ML	cting Office		1/15/2015

**FROM** 

BY

<u>TO</u>

\$762,806.00

\$2,974,906.00

\$3,737,712.00

2. <u>ACCOUNTING AND APPROPRIATION DATA</u>—is revised to provide the following, Obligate as follows:

PR Number	Amount	<b>Fund</b>	WBS	Funding Basket
4200537837	\$1,500,000.00	SCEX22015D	911542.01.12	<b>BPO Support</b>
4200537837	\$1,474,906.00	SPTX22015D	406979.01.05.06	LDSD Support

- 3. Total obligated by this modification is \$2,974,906.00.
- 4. The period of allotment is from date this contract through March 15, 2015.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITA'	. N/MODIFICATI	ON OF CONT	RAC.	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDME 3	ENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c		REQUISITION/PURCHASE REQ. NO. 5.			O. (if applicable
6. ISSUED B'	•		7. ADMINI	STERED E	SY (If other than	item 6)	
Godda Wallo	nrd Space Flight Center ps Flight Facility ps Island, VA 23337		Sam	e			
8. NAME A	ND ADDRESS OF CONTRAC	TOR (No., street, coun	ty, State and ZIP	()	9A. AMENDME	NT OF SOLICITA	TION NO.
_	ciences Corporation			1 1			
	Services Division			1 1			
ATTN: Je	eff Heath			1			
7500 Gree	enway Center Drive Ste. 70	00					
	, MD 20770						
					9b. DATED (SE	E ITEM 11)	
						TION OF CONTR	ACT/ORDER
				$ _{x} $	NO: NNG	15WA53C	
CODE:		FACILITY CODE:			10B. DATED (S	EE ITEM 13):	
44	THE ITEM ON VARRYING TO			02-01-	2015		
I 1 The ahove	THIS ITEM ONLY APPLIES TO numbered solicitation is amended as set to	AMENDMENTS OF S	OLICITATIONS				
12.	a made by telegram or letter, provided each ACCOUNTING AND APPROPRIATE L FUNDING: \$3,737,712.  13. THIS ITE IT MODI	ON DATA (If required)	stimated Cost:	64,885, OF CON	402.00	DERS.	
	A. THIS CHANGE ORDER IS IS CONTRACT ORDER NO. IN ITE	SUED PURSUANT TO: (S M 10A.	pecify authority) THE	CHANGES	SET FORTH IN	ITEM 14 ARE M	ADE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/ORDER IS MOD SET FORTH IN ITEM 14, F	IFIED TO REFLECT TO THE A	HE ADMIN	IISTRATIVE CH Y OF FAR 42.10	ANGES (such as 13(b).	changes in payi
	C. THIS SUPPLEMENTAL AGR	EEMENT IS ENTERED INT	TO PURSUANT TO A	UTHORITY	OF:		
X	D. OTHER (Specify type of mo Far 52.232.22 LIMITA	dification and authority)	(ADD 1004)				
E. IMPOR	RTANT: Contractor [X ] is not, [ ] is	required to sign this docum	nent and return	coning	to be leaved affi		
14. DESCR	RPTION OF AMENDMENT/MODIFIC	ATION (Organized by UCF se	ection headings, includit	ng solicitatio	to be issued office	xe. It mater where feas	ible.)
A. The	total estimated contract va	alue remains uncha	nged.				
10 m ·	3500 10 0 0						
Mod #2	modification is issued to re The total funding amount	edistribute the dollar will remain the same	ar value of Core me.	e and II	OIQ from th	e contract a	ward throt
		(Se	e Page two)				
Except as provi	ded herein, all terms and conditions of the docum	ent referenced in Item 9A or 10A, as	heretofore changed, remains	unchanged e	nd in full force and eff	ect.	
15A, NAME	AND TITLED OF SIGNER (Type or	print)	16A. NAM	E AND TIT	LE OF CONTRA	CTING OFFICER	(Type or prin
450 001°	DASTORMETERS			y M. Me			
TOD, CUNT	RACTOR/OFFEROR	15C. DATE S	SIGNED 188. UNI	IED STAT	ESTOFONERIC	A 160	DATE SIGNE
(Signature o	of person authorized to sign)		100	Mer.	ctina Officer)		2/11/15

Contract NNG15WA53C Modification No. 3 Page 2 of 2

1. Revise Article B.4 CONTRACT FUNDING	(18-52.232-81 (JUN 1990) - obligate as follows:
--	---

CORE:

**AWARD** 

FROM BY TO

\$500,000.00 \$500,000.00

**MOD #2** 

FROM BY TO

\$500,000.00 \$1,500,000.00 \$2,000,000.00

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

**AWARD** 

FROM BY TO \$100,000.00 \$100,000.00

**MOD #1** 

<u>FROM</u> <u>BY</u> <u>TO</u> \$100,000.00 \$162,806.00 \$262,806.00

MOD#2

FROM <u>BY</u> <u>TO</u> \$262,806.00 \$1,474,906.00 \$1,737,712.00

5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITA	1N/MO	DIFICATIO	N OF CONT	RAC	1. CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 4	3. EFFECT See Bll	TIVE DATE ( 16c	4. REQUISITION		HASE REQ. NO.	5. PROJECT	NO. (if applicable
6. ISSUED BY			7. ADMIN	ISTERED	BY (If other than	Item 6)	
NASA							
Goddard Space Flight Center			Sam	le			
Wallops Flight Facility							
Wallops Island, VA 23337							
8. NAME AND ADDRESS OF CONTRA Code)	CTOR (No.,	street, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICE	TATION NO.
Orbital Sciences Corporation							
Technical Services Division							
ATTN: Jeff Heath							
7500 Greenway Center Drive Ste.	700						
Greenbelt, MD 20770							
					9b. DATED (SE	E ITEM 11)	
				x		TION OF CON \$15WA53C	TRACT/ORDER
CODE:	FACILI	TY CODE:			10B. DATED (\$	EE ITEM 13);	
					02-01-		
11. THIS ITEM ONLY APPLIES T							
[ ] The above numbered solicitation is amended as set	forth in Item 14.	The hour and date a	specified for receipt o	f Offers [ ]	is extended, [ ] is no	t extended.	
PRIOR TO THE HOUR AND DATA SPECIFIED MAY F change may be made by telegram or letter, provided easpecified.  12. ACCOUNTING AND APPROPRIA  TOTAL FUNDING: \$13,737,7.  13. THIS IT	ch telegram or less TION DATA (#12.00 EM APPLIES	required) Total Es	stimated Cos	at: 64,8	ndrnent, and is receiv	DERS.	ning hour and date
A. THIS CHANGE ORDER IS	ISSUED PURS						MADE IN THE
CONTRACT ORDER NO. IN I							
B. THE ABOVE NUMBERED office, appropriation date, etc	CONTRACT/OF :.) SET FORTH	RDER IS MODIFI I IN ITEM 14, PU	ED TO REFLECT RSUANT TO THE	THE ADI	MINISTRATIVE CH RITY OF FAR 42.1	IANGES (such 03(b).	as changes in payi
C. THIS SUPPLEMENTAL AG	REEMENT IS	ENTERED INTO	PURSUANT TO	AUTHORI	TY OF:		
X D. OTHER (Specify type of n Far 52.232.22 LIMIT			PR 1984)				
E. IMPORTANT: Contractor [X ] is not, [	] is required to	sign this docume	nt and return		es to be issued offi		
14. DESCRIPTION OF AMENDMENT/MODIF	ICATION (Orga	nized by UCF sect	ion headings, Inclu	ding solicit	ation/contract subje	ct mater where f	easible.)
A. The total estimated contract	value rem	ains unchan	ged.				
B. This modification is issued to	obligate c	ontract fund	ding for the	NASA 1	Balloon Ope	rations Cor	ntract (NBOC
		(See	Page two)				
Except as provided herein, all terms and conditions of the doc	urnent referenced in	item 9A or 10A, as he	retofore changed, rema	ins unchange	ed and in full force and e	ffact.	
15A. NAME AND TITLED OF SIGNER (Type	or print)						ER (Type or prin
			Mic	key M. N	Merritt 🔪		
15B. CONTRACTOR/OFFEROR		15C. DATE SIG	ENED 168 U		A ES OF AME	A	16C.DATE SIGNE
(Signature of person authorized to sign)			(Signat	ITTE OF SALE	stracting Officen	,	2/18/2015

Contract NNG15WA53C Modification No. 4 Page 2 of 2

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows:

CORE:

FROM BY

\$2,000,000.00 \$10,000,000.00 \$12,000,000.00 -BPO Support

<u>TO</u>

- 3. Total obligated by this modification is \$10,000,000.00.
- 4. The period of allotment is from date this contract through May 31, 2015.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITATI	ON/MO	DIFICATIO	N OF	CONTR	ACT	1. CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDM 5	ENT/MODIFICATION NO.	3. EFFECTI See Blk		4. REC	UISITION/I N/A	PURCH	ASE REQ. NO.	5. PROJECT N	IO. (if applicable)
6. ISSUED E NASA				7	. ADMINIS	TERED	BY (if other than	Item 6)	
Godda Wallo	ard Space Flight Center ps Flight Facility ps Island, VA 23337				Same				
8. NAME A	AND ADDRESS OF CONTRACT	OR (No.,	street, county,	State at	d ZIP	()	9A. AMENDME	ENT OF SOLICIT	ATION NO.
Orbital S Technical ATTN: Je 7500 Gre	ciences Corporation I Services Division eff Heath enway Center Drive Stc. 70 t, MD 20770	0							
en i celitori	t, 1111 20110						9b. DATED (SE	E ITEM 11)	
								ATION OF CONT G15WA53C	TRACT/ORDER
CODE:	DE: FACILITY CODE:						108. DATED /5		
11.	THIS ITEM ONLY APPLIES TO	AMENDM	ENTS OF SO	LICITA	ONS				
		.00 M APPLIES	Total E	IODIFIC	ATIONS (	OF CO	85,402.00 NTRACTS/OR IBED IN ITEM		
	A. THIS CHANGE ORDER IS ISS							IN ITEM 14 ARE	MADE IN THE
x	CONTRACT ORDER NO. IN ITE							IANGEO (such	
	B. THE ABOVE NUMBERED CO office, appropriation date, etc								is changes in payi
	C. THIS SUPPLEMENTAL AGR			PURSU	ANT TO AL	JTHOR	TY OF:		
	D. OTHER (Specify type of mo	odification a	ind authority)						
	ORTANT: Contractor [ ] is not, [x ] CRIPTION OF AMENDMENT/MODIFIC					1 g solicit	copies to be is		asible.)
A. Th	e total estimated contract va e purpose of this modification	alue rema	ains unchan	iged.			_		
PERSO	ON (MAR 2015) and to upd	ate the B	.12 NONPE						
amend	ment 4 of the original prop	osal, (Sec		Page	wo)				
	myldad herein, all terms and conditions of the do		ced in Item 9A or 10	A; as hereto					ER <i>(Type or print</i> )
Jeff He	ath DIRECTOR CONTR	ACI			Micke	ay M.	Merritt_		
	NTRACTOR/OFFEROR		15C. DATE SI 3/6/15		Commence of the Commence of th	TEQ ST	ATES OF MIER	ICA	166.DAYE SIGNED
(Signatu	re of person authorized to sign)		1 -1 -1		(Signatur	e of Co	heacting Office	y	-1413

Contract NNG15WA53C Modification No. 5 Page 2 of 2

## **B.12 NONPROPOSED COSTS FOR CORE REQUIREMENTS**

(a) The total estimated cost of this contract for Core Requirements includes the following estimated costs:

Cost Elements	Base Period of Performance		Opt	don 1	Opt	tion 2	Total Estimated Cost	
	GFY 15	GFY 16	GFY 17	GFY 18	GFY 19	GFY 20		
Balloons	\$4,036,000	\$4,949,000	\$4,711,000	\$5,588,000	\$5,857,000	\$2,571,000	\$27,712,000	
Helium IsoPaks	\$1,160,000	\$1,200,000	\$1,240,000	\$1,290,000	\$1,330,000	\$0	\$6,220,000	
Expendable Gases	1,431,000	\$2,021,000	\$611,000	\$2,167,000	\$2,034,000	\$616,000	\$8,880,000	
Freight	\$155,000	\$382,000	\$383,000	\$409,000	\$378,000	\$223,000	\$1,930,000	
Equipment	\$160,000	\$160,000	\$170,000	\$170,000	\$180,000	\$0	\$840,000	
Range Expenses	\$196,000	\$1,004,000	\$2,925,000	\$1,073,000	\$992,000	\$820,000	\$7,010,000	
Flight Hardware/Flight Electronics	\$906,000	\$1,161,000	\$1,135,000	\$1,242,000	\$1,246,000	\$230,000	\$5,920,000	
Ground Support Equipment	\$121,000	\$257,000	\$166,000	\$274,000	\$237,000	\$115,000	\$1,170,000	
Materials	\$708,000	\$858,000	\$798,000	\$918,000	\$878,000	\$70,000	\$4,230,000	
Services	\$1,226,000	\$1,232,000	\$1,037,000	\$968,000	\$827,000	\$80,000	\$5,370,000	
Total Non- Proposed Costs	\$10,099,000	\$13,224,000	\$13,176,000	\$14,099,000	\$13,959,000	\$4,725,000	\$69,282,00	

No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITAT	√/MO	DIFICATIO	N OF	CONTR	ACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMI 6	ENT/MODIFICATION NO.	3. EFFEC	TIVE DATE k 16c	4. R	EQUISITION/PURCHASE REQ. NO. N/A			5. PROJECT I	NO. (If applicable
6. ISSUED B	•				7. ADMINIS	TERED	BY (If other than	Item 6)	
NASA	_						•	,	
	ard Space Flight Center				Same				
	ps Flight Facility				Odille				
Wallo	ps Island, VA 23337								
B. NAME A	AND ADDRESS OF CONTRAC	TOR (No.,	street, county,	State	and ZIP	()	9A. AMENDME	NT OF SOLICITA	ATION NO.
,	ciences Corporation								
	l Services Division					9			
	eff Heath								
		10							
	enway Center Drive Ste. 7( t, MD 20770	<i>}</i> U							
31 0011001	19 NID 20770						9b. DATED (SE	E ITEM 11)	-
							10A. MODIFICA	TION OF CONT	RACT/ORDER
						x	NO: NNG	15WA53C	
ODE:	200	FACILI	TY CODE:			**	10B. DATED (S	EE ITEM 13):	
							02-01-2	2015	
	THIS ITEM ONLY APPLIES TO a numbered solicitation is amended as set fo								
	L ACCOUNTING AND APPROPRIATION AL FUNDING: \$15,307,316 13. THIS ITE IT MODI	5.00 M APPLIE		ODIFI	ited Cost : CATIONS C R NO. AS D	OF CO	NTRACTS/ORI	DERS,	
	A. THIS CHANGE ORDER IS IS								ME INTUE
	CONTRACT ORDER NO. IN ITE	M 10A.	JOHN 10. (Ope	Giy au	nonty) THE G	HANGE	3 SET FORTH IN	I I I EMI 14 AKE N	MUE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/O	RDER IS MODIFI I IN ITEM 14, PU	ED TO	REFLECT TH	HE ADM JTHOR	INISTRATIVE CH	ANGES (such a	s changes in payi
787	C. THIS SUPPLEMENTAL AGR	EEMENT IS	ENTERED INTO	PURS	UANT TO AU	THORIT	Y OF:		
x	D. OTHER (Specify type of mo Far 52.232,22 LIMITA			PR ·	1984)				
E. IMPO	RTANT: Contractor [X ] is not, [ ] is					conie	s to be issued office	20	
14. DESC	RIPTION OF AMENDMENT/MODIFIC	ATION (Orga	anized by UCF sect	ion hea	dings, including	g solicita	tion/contract subje	ct mater where fea	esible.)
A. The	total estimated contract v	alue rem	ains unchan	ged.			•		
B. This	s modification is issued to o	bligate o	contract fund	ding	for the NA	ASA E	Salloon Oper	ations Cont	ract (NBO(
			(See	Page	two)				
Except as pro-	vided herein, all terms and conditions of the docum E AND TITLED OF SIGNER (Type or	ent referenced (	n Item 9A or 10A, as he	retofore o	hanged, remains t	inchanged	and in full force and ef	ect.	
I UP. (IP)	E AND THEED OF SIGNER (1999 OF	print)					TLE OF CONTRA	acting office	R (Type or prin
159 CON	TRACTORIOFECROR		450 5455 511		Mickey		111		
IDD. CON	TRACTOR/OFFEROR		15C. DATE SIG	iNED	B Qrigina	ED S	TES OF AMERIC	A 16	C.DATE SIGNE
/Sionahu-	of narrown authorized to -21				1	My)	MASSI		3/09/15
Conditioning	of person authorized to sign)				(Signature	OF COM	orting Officer)	N	

Contract NNG15WA53C Modification No. 6 Page 2 of 2

1. Revise <u>B.6 CPFF TASK ORDER FUNDING</u>

IDIQ:

**FROM** 

FROM BY TO \$1,737,712.00 \$1,569,604.00 \$3,307,316.00 LDSD

- 2. Total obligated by this modification is \$1,569,604.00.
- 3. The period of allotment is from date this contract through May 31, 2015.
- 4. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICI	ITA1N/MC	DIFICATION	OF CONTE	RAC.	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 7	3. EFFEC	TIVE DATE k 16c		REQUISITION/PURCHASE REQ. NO. 5.1			NO. (If applicable
6. ISSUED BY		0.61	7. ADMINE	STERED BY	(if other than	Item 6)	
NASA					•	,	
Goddard Space Flight Cente	er		Same	à.			
Wallops Flight Facility							
Wallops Island, VA 23337							
B. NAME AND ADDRESS OF CONT	RACTOR (No.	, street, county, S	State and ZIP	() 9	A. AMENDME	NT OF SOLICIT	ATION NO.
Orbital Sciences Corporation							
Fechnical Services Division							
ATTN: Jeff Heath							
7500 Greenway Center Drive St	te. 700						
Greenbelt, MD 20770							
				9	b. DATED (SE	E ITEM 11)	***
				10	DA. MODIFICA	TION OF CONT	RACT/ORDER
				x	NO: NNG	15WA53C	
ODE:	FACILI	TY CODE:		-	B. DATED (S	EE ITEM 13):	
					02-01-		
11. THIS ITEM ONLY APPLIE  [ ] The above numbered solicitation is amended as	S TO AMENDA	ENTS OF SOLI	CITATIONS				
A. THIS CHANGE ORDER CONTRACT ORDER NO. I	RIATION DATA (#1,463.20  B ITEM APPLIE MODIFIES THE IS ISSUED PURS IN ITEM 10A.	Frequired) Total Est S ONLY TO MO CONTRACT/OI SUANT TO: (Speci	imated Cost DIFICATIONS RDER NO. AS I	: 64,885, OF CONTINUESCRIBE	402.00  RACTS/ORE ED IN ITEM	DERS, 14.	MADE IN THE
oriod, appropriatori date	, etc.) SET FORT	IN HEWITA, PUR	DUANT TO THE A	UTHORITY	OF FAR 42.10	3(b).	s changes in payi
C. THIS SUPPLEMENTAL			PURSUANT TO AU	THORITY (	OF:		
D. OTHER (Specify type				_			
F IMPORTANT: Contractor IV Linux	ITATION O	F FUNDS (A)	PR 1984)				
E. IMPORTANT: Contractor X   is not  14. DESCRIPTION OF AMENDMENT/MO	DIFICATION (Orms	sign this document	and return	copies to	be issued offic	ж.	
A. The total estimated contra	ct value rem	ains unchano	n neaungs, inciuum ed	g solicitation	/contract subjec	t mater where for	rsible.)
		THE WILLIAM	<b>.</b>				
B. This modification is issued	to obligate c	ontract fundi	ng for the N	ASA Bal	loon Oper	ations Cont	ract (NBO(
Except as provided herein, all terms and conditions of the	ni heshenden fræmusiób e	-	age two)			г.	
15A. NAME AND TITLED OF SIGNER (Ty)	pe or print)	and the same of the second	16A. NAME	AND TITLE	E OF CONTRA	CTING OFFICE	R (Type or prin:
ACD CONTRACTOR		-	Micke	y Merri			
16B. CONTRACTOR/OFFEROR		15C. DATE SIGN	IED 16B. ONIT	ED STARES	OF AMENIE	16	C.DATE SIGNE
(Signature of person authorized to sign)			(Signatura	of Contract	June Day	7/1	05/18/2015
NSN 7540-01-152-8070			[Signature	OF SOMEON	TANDADO TO		

CORE:

**FROM** 

 $\mathbf{BY}$ 

<u>TO</u>

\$12,000,000.00

\$8,600,000.00

\$20,600,000.00 -BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM	BY	<u>TO</u>	
\$3,307,316.00	\$ 56,712.00	\$3,364,028.00	LDSD
\$3,364,028.00	\$427,435.20	\$3,791,463.20	<b>BPO IDIQ</b>
\$3,791,463.20	\$ 50,000.00	\$3,841,463.20	Barrel

- 3. Total obligated by this modification is \$9,134,147.20.
- 4. The period of allotment is from date this contract through August 31, 2015.
- 5. No other changes to this contract are made by issuance of this modification.

AMEN	DMENT OF SOLICITA	TION MODIFICATIO	N OF CONTI	RACT	. CONTRA	ACT ID CODE	PAGE(S)
2. AMENDMEN 8	T/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION		ASE REQ. NO.	5. PROJECT	TNO. (If applicable
Wallops	d Space Flight Center Flight Facility Island, VA 23337		7. ADMINI		BY (if other than	Item 6)	
<i>Code)</i> Orbital Sci Technical S ATTN: Jefi	way Center Drive Ste. 7		State and ZIP	()	9A. AMENDME	NT OF SOLICI	TATION NO.
				X			ITRACT/ORDER
CODE:	HIS ITEM ONLY APPLIES TO	FACILITY CODE:			10B. DATED (S	-	
specified.	A. THIS CHANGE ORDER IS IS CONTRACT ORDER NO. IN IT	10N DATA (If required) 0.42 Total E EM APPLIES ONLY TO M DIFIES THE CONTRACT/O SSUED PURSUANT TO: (Spe EM 10A.	stimated Cost ODIFICATIONS ORDER NO. AS cify authority) THE	: 64,88  OF CON DESCRI	5,402.00 ITRACTS/ORI BED IN ITEM SET FORTH IN	DERS, 14. VITEM 14 ARE	ening hour and date
	C. THIS SUPPLEMENTAL AGI	REEMENT IS ENTERED INTO	PURSUANT TO A	UTHORIT	Y OF:		
E. IMPORT	D. OTHER (Specify type of m Far 52.232.22 LIMITA ANT: Contractor  X   is not, [ ] TION OF AMENDMENT/MODIFIC	ATION OF FUNDS (A is required to sign this docume	nt and return	copies	to be issued offi	ce.	
B. This is Control  Except as provide  15A. NAME A	nodification is issued to act (NBOC)  therein, all terms and conditions of the docu.  ND TITLED OF SIGNER (Type of act (Ty	obligate contract fund (See	ged.  ding for the N Page two) retorore changed remains 16A. NAM Micke	S unchanged a E AND THE	alloon Oper	rations Tect. ACTING OFFICE	CER (Type or prim 16C.DATE SIGNE 7/09/2015
NSN 75	40-01-152-8070				CHANNABD FO	DM 10 (DE)	10.021

STANDARD FORM 30 (REV. 10-83)

CORE:

FROM BY TO

\$20,600,000.00 \$200,534.22 \$20,800,534.22 -BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM BY TO

\$3,841,463.20 \$ 189,513.00 \$4,030,976.20 LDSD

- 3. Total obligated by this modification is \$390,047.22.
- 4. The period of allotment is from date this contract through September 15, 2015
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICI	TATIONMO	DIFICATIO	N OF	CONTR	ACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENOMENT/MODIFICATION NO. 9		CTIVE DATE	4. RE	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. N/A				
6. ISSUED BY			1	7. ADMINIS	TERED BY	(If other then	House RI	
NASA					3.000.000.000	In ourse plays	110011 4	
Goddard Space Flight Center	r			Same	1			
Wallops Flight Facility			1	Ourio	•			
Wallops Island, VA 23337			- 1					
8. NAME AND ADDRESS OF CONTI	RACTOR (Na	, street, county,	State a	ıd ZTP	() 9/	L AMENDME	NT OF SOLICITA	TION NO.
Orbital Sciences Corporation								
Technical Services Division								
ATTN: Jeff Heath								
7500 Greenway Center Drive Ste	- 700							
Greenbelt, MD 20770	W 100							
					91;	DATED (SE	E FTEM 11)	
					10	A. MODIFICA	TION OF CONTR	ACTIONDER
· · · · · · · · · · · · · · · · · · ·					x	NO: NNG	15WA53C	
CODE:	FACIL	TY CODE:			10	B, DATED (SE		-
11. THIS ITEM ONLY APPLIES	TO AMENDA	MENTS OF SOL	ICITAT	CAIS		02-01-2	2015	the second
[ ] The above numbered solicitation is amended as	ant forth in Item 14.	The hour and rists a	meriflari fo	receipt of (	Harri P. 1 Sp. aud.			
change may be trade by telegram or latter, provided specified.  12. ACCOUNTING AND APPROPRIED TOTAL FUNDING: \$\frac{1}{2}\$. THIS	TEM APPLIE	f required)	timate	d Cost :	64,885,4	102.00	FRS	A ustra, food Office
X A THIS CHANGE ORDER I CONTRACT ORDER NO. IN	TEM 10A. 1.7	8, 52.243-2-Ch	anges :	my) THE CI Clause-C	HANGES SI OSt Reimi	ET FORTH IN	ITEM 14 ARE MA	DE IN THE
B. THE ABOVE NUMBERED office, appropriation date, of the control o	CONTRACTIO	RDER IS MODIFIE	ED TO RE	FLECT TH	E ADMINIS	TRATIVE CH	MGES (such as	changes in payl
C. THIS SUPPLEMENTAL					1		S(D).	
D. OTHER (Specify type of	•		T DI LOCAT	HI PONO	INCREIT C	ri		
								•
E. IMPORTANT: Contractor EX 1 is not.	( ) is required to	sign this documen	nt and reb	urn	copies to t	e iseued office	9.	
14. DESCRIPTION OF AMENDMENT/MOD	IFICATION (Orga	intend by UCF section	on heading	js, including	soliatione	contract author	moter where feasi	ble.j
The purpose of this mod is stated	on Page 2 o	of this SF#30						
		•	Page tv					
Except as provided herein, all terms and conditions of the d	loczanierił nolonymowó (r	n liam BA or 10A, as here	włofose chan	ged, remajna u	nchanged and i	full force end offe	et.	
15A. NAME AND TITLED OF SIGNER (Typ	e or print)		1	BA. NAME	AND TITLE	OF CONTRAC	TING OFFICER	(Tuna ne nule-
Jeff Heath, Director of Contracts				Mirko	W. Marri	. 1		K-Man or Ming
16B. CONTRACTOR/OFFEROR		15C. DATE SIG	NED	100 PARTE	H STATES	OF A BRICA	160	DATE SIGNE
C therese		7/22/15	1	BY Odgina	Albert pro	LAN A		balin
(Signature of person authorized to sign)		11-0113		(Signature	of Contractiv	ng Officer		1/44/12

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

Contract NNG15WA53C Modification No. 9 Page 2 of 2

#### Block 14 - Description of Modification (Cont'd)

- 1. The purpose of this administrative modification is to revise Clause G.20 FINANCIAL REPORTING OF NASA PROPERTY IN THE CUSTODY OF CONTRACTORS (1852,245-73)(JAN 2011) as follows: Effective immediately, the reporting requirement for NF1018 submission has changed from quarterly reporting to monthly in accordance with the Procurement Information Circuair (PIC) dated June 9, 2004. Additionally, contractors must submit both reports electronically using the existing NF 1018 Electronic Submission System (NESS) for the annual NF1018 and the NASA Contractor-Held Asset Tracking System (CHATS), for monthly reporting. If CHATS is not up and running, the report should be submitted via email to nasacontractorproperty@nasa.gov. Monthly reporting will NOT require contractors to provide additional data elements (Work Breakdown Structure for new acquisitions and Contract Work-in-Process, as well as Fiscal Year affected by an Adjustment). The rest of the clause remains unchanged. See Enclosure#1 for general Instructions for contractor held reporting.
- 2. No other revision to this contract is made by issuance of this modification.

#### **ENCLOSURE 2**

#### General Instructions for Contractor-Held Property Reporting

1. NF 1018 Reports. The NASA Form (NF) 1018 report provides annual summary-level property management and financial data on Government-furnished and contractor-acquired NASA property. Contractors shall report all NASA-owned property in US dollars, regardless of location. Negative reports are required. This reporting shall be completed in accordance with the NASA FAR Supplement (NFS) Subpart 1845.7101 and any supplemental guidance provided by the Contracting Officer. NASA Form (NF) 1018 reports shall be submitted using the NF 1018 Electronic Submission System (NESS) (http://ness.gsfc.nasa.gov).

#### 2. Monthly Property Financial Reports.

- a. Additionally, monthly property financial reports are required with item level supporting data. This data shall be submitted for all items with an acquisition cost of \$190,000 or more, in the contractor's and its subcontractors' possession, in the following classifications: real property, equipment, special test equipment, special tooling, and agency peculiar property. Monthly reporting is not required for property in the above classifications with an acquisition cost under \$100,000. Monthly data shall also be submitted for items of any acquisition cost in the classifications of materials and contract work-in-process (WIP). Itemized monthly data is required for materials and WIP line items of \$100,000 and over. Summary monthly data is required for materials and WIP line items under \$100,000. The monthly reports shall be electronically submitted using the Contractor-Held Asset Tracking System (CHATS) (http://nasachats.gsfc.nasa.gov) using the format described in the CHATS user's manual.
- b. Acquisition costs shall be developed using actual costs to the greatest extent possible, especially costs directly related to fabrication such as labor and materials. Supporting documentation shall be maintained and available for all amounts reported, including any amounts developed using estimating techniques.
- c. All Adjustments shall be thoroughly explained and directly related to a specific fiscal year. If the fiscal year cannot be determined, the default shall be the previous fiscal year.
- d. Work Breakdown Structures (WBS) shall be provided for all Contractor acquired property (CAP), WIP, and any new materials acquired. The format shall be a five digit numerical level. (i.e. 803-10). If the WBS is not identifiable, contact the NASA CFO Property Branch for further guidance, as outlined below.
- e. The data required for the monthly submission is due the 21st day after the close of the month.
  - e.g. August 21 for the month ending July 31

# September 21 for the month ending August 31 October 21 for the month ending September 30

NOTE: The monthly submittal for July does not relieve the contractor requirement to submit the quarterly report for the period ending June 30, 2004, if one is due.

- 3. The monthly property financial reports required by this PIC are separate from, and in addition to the annual NF 1018 reports. Due date for submittal of the annual NF 1018 is extended to November 30 for the contracts listed on Enclosure 1.
- 4. Both the NF 1018 report data and the September monthly report data are <u>as</u> of September 30. Corrections in monthly report data shall be handled as adjustments in the next monthly report after discovery of the error. (e.g. Errors in the September monthly report shall be reported as adjustments in the October monthly report. The NF 1018 shall reflect the corrected numbers and the contractor shall provide a note regarding the corrected monthly report error under Comments in the NF 1018.) Errors in the NF1018 found after the November 30 submission shall be reported as adjustments in the 2005 NF 1018, unless immediate correction and resubmission are directed by NASA.

Questions may be directed to the following individuals of the NASA CFO Property Branch Office:

Lynne Carey, (202) 358-4552, e-mail: lynne.carey@nasa.gov Elaine Slaugh, (202) 358-2599, e-mail: elaine.m.slaugh@nasa.gov

MAND PRINCIPALISM SO N N TO THE GOODERS WITH LINES OF THE PARTY OF TH E. C. Traces and Control of Top . Time Edg 1 SE-Transferiälligbing Baquesi (See Instructions on Revans)
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To Res
D. Scaussi, 221, 1401 1830 1830 S. C.LS Principle, 17: 75:000 003-723-0271 1510 EINESSE THE BUTTON OF THE Balloon Program Office Wallops Island, VA 23337 Whitiops Flight Facility Fishing Location The Season of th ACT Lodge to Thilly Line person of Caro Ord \$11642 / 518200 / SCEX22015D High Gults Autention (cheeriging to GFE status) and dy to called an COSPF Ozofforcope (needs to be shipped) School and Control of the Control of Part Part PAL ME WAY SERVICES 本 日本の日本の日本の日本日本日本日本日本日本日本日本 S. Carried Participants A Charlest Claim P.C. Division 1946, in Partie 184) The same of the same of the same of COLD STATE Director. THE PROPERTY. Compact Manh からのでは できる 日本では PROPERTY OF CHEMPS OF CHEM BAC STO Cashery Acres Charles By Chiam with the Den Shippy GEL Maddur CELL PARTIES Dressien Dressie C. VIEW MYSER C. T. State Property Page 日本の意思がある。 OR WHO ISVONO C. All services STIVES BLIE Constitution (Section ) 1 \*A -t-2 STATE OF THE PARTY NAMED IN Charles of The state of -15 M. 60% I's feeting his Trime) Approved 一般型 O CO Assembly Broader III day w. Mark, casec, mo. No section 4. Outhorized Short Shider & Cao No. 7298 8 13,485.00 A Constitution R. Pate D. Folderoth D. Gramitch (J) Carlo 13,486.(1) No. of the 19.24 A. M. Carried 9 THE PARTY I. 100 遊問 21 Total Silve Solling 400 E E Dillo ļ ST.

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### NASA/GSFC/WALLOPS FLIGHT FACILITY .

Code 279.W Building 0-49 Wallops Island, VA 23337

FAX

To: Code 273

Fax: 301-266-1644 Pages including cover: 2
Prione: 301-286-5031 Date: 07/17/15
Re: IPO Approval co:

#### Comments:

IPO Approved for document number: \$28689

Thank you, Faul Reckner Traffic Management Office baul, w. kleckner/Incae.cov

751: 757.824.1181 FAX: 757.824.2160

Contract Rece	EGN	Contract Recei
NAS5-03003	1606624	NAS5-0300
NAS5-03003	1644169	NAS5-0300
NAS5-03003	1818027	NAS5-0300
NAS5-03003	1820228	NAS5-0300
NAS5-03003	1820231	NAS5-0300
NAS5-03003	1942890	NAS5-0300
NAS5-03003	1942893	NAS5-0300
NAS5-03003	1942894	NAS5-0300
NAS5-03003	1944158	NAS5-0300
NAS5-03003	1944159	NAS5-0300
NAS5-03003	1964200	NAS6-0300
NAS5-03003	2043066	NAS5-0300
NAS5-03003	2111047	NAS5-0300
NAS5-03003	2170064	NAS5-0300
NAS5-03003	2171869	NAS5-0300
NAS5-03003	2171870	NAS5-0300
NAS5-03003	2176124	NAS5-0300
NAS5-03003	2500940	NA\$5-0300
NA\$5-03003	2500941	NAS5-0300
NAS5-03003	2554187	NAS5-0300
NAS5-03003	2554193	NAS5-0300
NAS5-03003	2554202	NAS5-0300
NAS5-03003	2554205	NAS5-0300
NAS5-03003	2554208	NAS5-0300
NAS5-03003	3014305	NAS5-0300
NAS5-03003	3039061	NAS5-0300
NAS5-03003	3039062	NAS5-0300
NAS5-03003	3039063	NAS5-0300
NAS5-03003	3039064	NA\$5-0300
NAS5-03003	3081396	NAS5-0300
NAS6-03003	3081397	NAS5-0300
NAS5-03003	3081399	NAS5-0300
NAS5-03003	3081400	NAS5-0300
	Overall Result	

Equipment Description	inactive Reas	inactive Date	Custodian Ace
RECEIVER, TELEMETRY	67	08/30/2013	820
DISPLAY UNIT	67	07/08/2014	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	08/19/2013	820
COMPUTER, MICRO	67	12/21/2010	820
PROGRAMMABLE TELEMETRY PROCESSOR	67	06/19/2013	820
COMPUTER, MICRO	67	06/19/2013	820
COMPUTER, NOTEBOOK	67	11/23/2009	820
OMNIX CHASSIS	67	07/08/2014	820
GLOBAL POSITIONING UNIT	67	07/08/2014	820
ANTENNA ASSEMBLY	67	07/08/2014	820
ANTENNA ASSEMBLY	67	07/08/2014	820
COMPUTER, MICRO	67	12/21/2010	820
CONVERTER, UP	67	07/08/2014	820
CONVERTER, DOWN	67	07/08/2014	820
RECEIVER, TELEMETRY	67	06/24/2014	820
RECEIVER, TELEMETRY	67	06/24/2014	820
RECEIVER, TELEMETRY	67	06/24/2014	820
RECEIVER, TELEMETRY	67	06/24/2014	820
RECEIVER, TELEMETRY	67	06/24/2014	820
COMPUTER, NOTEBOOK	67	03/26/2009	820
DISPLAY UNIT	67	07/08/2014	820
COMPUTER, MICRO	67	07/08/2014	820
SIMULATOR, TDRSS	67	07/08/2014	820
TRANSMITTER	67	07/08/2014	820
ANTENNA ASSEMBLY	67	08/21/2009	820
ANTENNA CONTROL UNIT	67	08/21/2009	820
TRANSPORT, MAGNETIC TAPE	67	09/18/2008	820
TRANSPORT, MAGNETIC TAPE	67	09/18/2009	820
Result	Result	Result	Result

•

#### **Acquisition Value**

\$ 37,338.00

\$ 9,470.00

\$ 29,600.00

\$ 29,500 00

\$ 29,800.00

\$ 29,600 00

\$ 29,600.00

\$ 29,600.00

\$44,456,00

\$44,400.00

\$ 14,200.00

\$ 2,099.00

\$ 37,962.00

\$ 11,000.00

\$ 10,000.00

\$ 20,000 00

\$ 18,803.00

\$ 14,000.00

\$ 14,000 00

\$ 14,415.00

\$ 14,415 00

\$ 14,415.00

\$ 24,840 00

\$ 14,416.00

\$ 2,100.00

\$ 2,000 00

\$3,000,00 \$ 90,430.00

\$ 30,000.00

\$ 20,000.00

\$ 10,000.00

\$ 5,000.00

\$ 5,000 00

\$ 705,359 00

Coulpidant	Description	EquipCategory	AcquistnValue	Mfr Code
1818027	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1820228	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1820231	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1942890	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5 <b>P711</b>
1942893	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1942894	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1944159	PROGRAMMABLE TELEMETRY PROCESSOR	N	44,400.00	5P711
1954900	COMPUTER, MICRO	N	14,200.00	5P711
2171901	ANTENNA, HIGH GAIN	N	50,000.00	WLPFC
2171910	ANTENNA, HIGH GAIN	N	50,000.00	WLPFC
3081399	TRANSPORT, MAGNETIC TAPE	N	5,000.00	WLPFC
3081400	TRANSPORT, MAGNETIC TAPE	N	5,000.00	WLPFC

Model number	ManufSerialNo.	MaintPlant	Plant section	Location	Room	Business Area
PYPNT1001	001	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	003	GSFC	06	WF-NMSU-TX	CSBF	51
PTPNT1001	004	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	015	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	09	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	11	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	022	GSFC	06	WF-NMSU-TX	CSBF	51
PTPNT1003	20081	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
HGA	007	GSFC	06	WF-NMSU-TX	100	51
HGA	008	GSFC	06	WF-NMSU-TX	100	51
6L160P0	<b>48128816</b> -J270	GSFC	06	WF-NMSU-TX		51
6L160P0	82073748-P170	GSFC	06	WF-NMSU-TX		51

Acq Method Code	FSC Code	Sub Installation	Last inv On Date	<b>Custodian Number</b>	Custodian Account
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	7021	06	06/11/2013	999643001	820
10	5985	06	09/03/2013	999643001	820
10	5985	05	09/03/2013	999643001	820
01	7025	06	07/17/2009	471159041	820
01	7025	06	07/17/2009	471159041	820

Custodian Org Code	End User Number	First name	Last name	<b>End User Org Code</b>	Accept Indicator
B20	999643001	REBECCA	<b>GRAMLICH</b>	8200	Α
820	999643001	REBECCA	<b>GRAMLICH</b>	8200	A
820	999643001	REBECCA	<b>GRAMLICH</b>	8200	A
820	999643001	REBECCA	GRAMUCH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	Α
820	999643001	REBECCA	GRAMLICH	8200	Α
820	999643001	REBECCA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	A
820	676306851	DAVID	STUCHLIK	8200	A
820	676306851	DAVID	STUCHLIK	8200	A
TBD	676306851	DAVID	STUCHLIK	8200	Α
TBD	676306851	DAVID	STUCHLIK	8200	A

High Risk Flag Inactive Flag Inactive Reason Code Asset Converted Record ECCN ITAR Category Code X X X 67 67 X 67 X 67 X 67 X 67 X X 67 X X X 67 X 67

Campagner	Description	EquipCategory	AcquistnValue	Mfr Code
1818027	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1820228	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1820231	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1942890	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1942893	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P <b>711</b>
1342894	PROGRAMMABLE TELEMETRY PROCESSOR	N	29,600.00	5P711
1944159	PROGRAMMABLE TELEMETRY PROCESSOR	N	44,400.00	5 <b>P711</b>
1954900	COMPUTER, MICRO	N	14,200.00	5P <b>711</b>
2171901	ANTENNA, HIGH GAIN	N	50,000.00	WLPFC
2171910	ANTENNA, HIGH GAIN	N	50,000.00	WLPFC
3081399	TRANSPORT, MAGNETIC TAPE	N	5,000.00	WLPFC
3081400	TRANSPORT, MAGNETIC TAPE	N	5,000.00	WLPFC

Model number	ManufSerialNo.	MaintPlant	Plant section	Location	Room	Business Area
PYPNT1001	001	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	003	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	004	GSFC	06	WF-NMSU-TX	CSBF	51
PTPNT1001	015	GSFC	06	WF-NMSU-TX	<b>CSBF</b>	51
PTPNT1001	09	GSFC	06	WF-NMSU-TX	CSBF	51
PTPNT1001	11	GSFC	06	WF-NMSU-TX	CSBF	51
TPNT1001	022	GSFC	06	WF-NMSU-TX	CSBF	51
TPNT1003	20081	GSFC	06	WF-NMSU-TX	ÇŞBF	51
IGA	007	GSFC	06	WF-NMSU-TX	100	51
IGA	008	GSFC	06	WF-NMSU-TX	100	51
L160P0	48128816-J270	GSFC	06	WF-NMSU-TX		51
6L16OPQ	82073748-P170	GSFC	06	WF-NMSU-TX		51

Acq Method Code	FSC Code	Sub Installation	Last Inv On Date	<b>Custodian Number</b>	<b>Custodian Account</b>
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13 ·	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	5895	06	06/11/2013	999643001	820
13	7021	06	06/11/2013	999643001	820
10	5985	06	09/03/2013	999643001	820
10	5985	06	09/03/2013	999643001	820
01	7025	06	07/17/2009	471159041	820
01	7025	06	07/17/2009	471159041	820

Custodian Org Code	<b>End User Number</b>	First name	Last name	End User Org Code	Accept Indicator
820	999643001	REBECÇA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	Α
820	999643001	REBECCA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	A
820	999643001	REBECCA	GRAMLICH	8200	Α
820	999643001	REBECCA	GRAMLICH	8200	A
820	676306851	DAVID	STUCHLIK	8200	A
820	676306851	DAVID	STUCHLIK	8200	Α
TBD	676306851	DAVID	STUCHLIK	8200	Α
TBD	676306851	DAVID	STUCHLIK	8200	Α

Wigh Dieb Clan	Inactiva Flam	Inactive Resear Code	Asset Converted Record	ECCN	ITAR Cotogony Codo
LIBER LISS LINE			Asset Converted Record	ECCN	HAR Category Code
	Х	67			
	X	67			
	X	67			
	X	67			
	X	67			
	X	67			
	X	.67			
X	X	67			
X	X	67			
X	¥	67			

AMENDMENT OF SO	ICITATION10DIF	ICATION C	F CONTR	ACT	CONTRA	ACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 10	3. EFFECTIVE See Blk 10		REQUISITION/ N/A	PURCHA	ASE REQ. NO.	5. PROJECT NO	. (If applicable
6. ISSUED BY NASA Goddard Space Flight C Wallops Flight Facility			7. ADMINIS		3Y (If other that	tem 6)	
Wallops Island, VA 233	337						
8. NAME AND ADDRESS OF Code) Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath 7500 Greenway Center Driv Greenbelt, MD 20770	on .	eet, county, Stat	e and ZIP	()	9A. AMENDME	ENT OF SOLICITAT	ION NO.
Greenbert, MAD 20110					9b. DATED (SE	E ITEM 11)	
				x		ATION OF CONTR G15WA53C	ACT/ORDER
CODE:	FACILITY O	FACILITY CODE:			10B. DATED (SEE ITEM 13): 02-01-2015		
11. THIS ITEM ONLY AF  [ ] The above numbered solicitation is ame							
13.  A. THIS CHANGE OF CONTRACT ORDER	THIS ITEM APPLIES OF IT MODIFIES THE CO	Total Estin	FICATIONS ( ER NO. AS I	OF COI DESCRI	NTRACTS/OR IBED IN ITEM S SET FORTH I	1 <b>14.</b> N ITEM 14 ARE M	
office, appropriation	n date, etc.) SET FORTH IN	ITEM 14, PURSU	ANT TO THE A	UTHORI	TY OF FAR 42.		Citaliges III pay
A	y type of modification and au		t 1984)				
E. IMPORTANT: Contractor [X					s to be issued of		
A. The total estimated co B. This modification is is Contract (NBOC)  Except as provided herein, all terms and conditions  Except as provided herein, all terms and conditions	ontract value remain	s unchanged	g for the N	ASA E	Balloon Ope	erations effect	
15A. NAME AND TITLED OF SIGN	ER (Type or print)			E AND T		RACTING OFFICER	l (Type or prin
15B, CONTRACTOR/OFFEROR	4	5C. DATE SIGNE	18 Porigin	al signed	1110		0.DATE SIGNE 9/02/2015
(Signature of person authorized to s NSN 7540-01-152-8070	ign)		(Signatur	e of Son	Officer)	ORM 30 (REV. 10	.83)
NON 10-0-01-102-00/10					2 MINING I	OKMI SU (NEV. 10	00)

1. Revise Article B.4	CONTRACT FUNDING	(18-52.232-81)	(JUN 1990)	- obligate as	follows:
PR # 4200564128:					

CORE:

**FROM** 

<u>BY</u>

<u>TO</u>

\$ 20,800,534.22

\$250,606.07

\$21,051,140.49 -BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

**IDIQ:** 

FROM

\$4,030,976.20

\$215,000.00

\$4,245,976.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$465,606.22.
- 4. The period of allotment is from date this contract through October 1, 2015
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICIT	ATION JODIFICA	TION OF CO	NTRACT	CONTRA	ACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 11	3. EFFECTIVE DATE See Blk 16c	4. REQUIS	ITION/PURCH N/A	ASE REQ. NO.	5. PROJECT	NO. (If applicable
6. ISSUED BY		7. AD	MINISTERED	BY (If other than	ı (tem 6)	
NASA						
Goddard Space Flight Center	•	S	ame			
Wallops Flight Facility						
Wallops Island, VA 23337						
8. NAME AND ADDRESS OF CONTR Code)	ACTOR (No., street, co	ounty, State and Z	AP ()	9A. AMENDM	ENT OF SOLICIT	FATION NO.
Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath						
A11N: Jen rieath 7500 Greenway Center Drive Ste	e. 700					
Greenbelt, MD 20770						
•				9b. DATED (S	EE ITEM 11)	
				10A. MODIFIC	ATION OF CON	TRACT/ORDER
			x	NO: NN	G15WA53C	2
CODE:	FACILITY CODE:		^ ^	10B DATED	SEE ITEM 13):	
GODE.	TAGIETT CODE.		ľ	1	-2015	
11. THIS ITEM ONLY APPLIES	S TO AMENDMENTS O	F SOLICITATION	18			
		tal Estimated TO MODIFICATI	ONS OF CO	NTRACTS/OF		.,
A. THIS CHANGE ORDER CONTRACT ORDER NO. I	IS ISSUED PURSUANT TO IN ITEM 10A.	: (Specify authority)	) THE CHANG	ES SET FORTH	IN ITEM 14 ARE	MADE IN THE
B. THE ABOVE NUMBERS office, appropriation date	ED CONTRACT/ORDER IS M , etc.) SET FORTH IN ITEM	MODIFIED TO REFI 14, PURSUANT TO	ECT THE ADM	MINISTRATIVE C RITY OF FAR 42.	HANGES (such 103(b).	as changes in pa
C. THIS SUPPLEMENTAL	AGREEMENT IS ENTERE	D INTO PURSUANT	TO AUTHOR	TY OF:		
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	of modification and authority		)			
E. IMPORTANT: Contractor [X ] is not	t, [ ] is required to sign this o	document and return	copi	es to be issued o		
14. DESCRIPTION OF AMENDMENT/MO			including solici	tation/contract sut	ject mater where	feasible.)
A. The total estimated contra	ct value remains un	ichanged.				
B. This modification is issued	l to obligate contrac	t funding for 1	the NASA	Balloon Op	erations	
Contract (NBOC)  Except as provided herein, all terms and conditions of the	e document referenced in Item 9A or	10A, as heretofore change	d, remains unchang	ed and in full force and	l effect.	
15A. NAME AND TITLED OF SIGNER (7)	ype or print)	16/	A. NAME AND	TITLE OF CONT	RACTING OFF	CER (Type or pri
		3	Mickey M. I	vielvitt a		
15B. CONTRACTOR/OFFEROR	15C. D.		B. UNITED ST	TATES OF AND	ICA	16C.DATE SIGN 9/15/15
(Signature of person authorized to sign)		rs	Signature of Co	mencling Officer)		9/10/10

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate as follows: <u>PR # 4200565633</u>;

CORE:

FROM BY

<u>TO</u>

\$21,051,140.29

\$ 41,000.00

\$21,092,140.29 -BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM

\$ 4,245,976.20

\$22,156.00

<u>TO</u>

\$4,268,132.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$63,156.00.
- 4. The period of allotment is from date this contract through October 1, 2015
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT	OF SOLICITATION	ON MOI	DIFICATION	N OF	CONTRA	ACT	CONTRA	CT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICA 12	TION NO.	3. EFFECT See Blk		4. RE	QUISITION/F N/A	PURCHA	SE REQ. NO.	5. PROJEC	T NO. (If applicable
6. ISSUED BY				1	7. ADMINIST	TERED E	Y (If other than	Item 6)	
NASA									
Goddard Space I	light Center				Same				
Wallops Flight F	acility				Gaille				
Wallops Island,	VA 23337								
O DIABATI AND AND THE						43 T			
8. NAME AND ADDRE Code)	SS OF CONTRACT	OR (No.,	street, county,	State a	nd ZIP	()	9A. AMENDME	NT OF SOLIC	ITATION NO.
Orbital Sciences Co	rnoration								
Technical Services I									
ATTN: Jeff Heath	TAISION								
7500 Greenway Cen	ton Duisco Sto. 70	n							
Greenbelt, MD 2077		v			1				
01 00110010j 1120 20 / /							9b. DATED (SE	E ITEM 11)	
							10A. MODIFICA	ATION OF COI	NTRACT/ORDER
						x	NO: NNC	315WA530	J
CODE:		FACILIT	Y CODE:			^ -	10B. DATED (S	EE ITEM 13):	
		1					02-01-	•	
11. THIS ITEM	ONLY APPLIES TO	AMENDM	ENTS OF SOI	JCITA	TIONS				
	ATA SPECIFIED MAY RES am or letter, provided each to G AND APPROPRIATION NG: \$25,360,344.	ULT IN REJECTION OF LET LESS THE LESS T	CTION OF YOUR O ter makes reference required) Total Es	offer. It is to the so	t by virtue of thi plicitation and the ed Cost:	64,88	nent you desire to oment, and is received.  5,402.00  ITRACTS/OR	change an offer a red prior to the op	tready submitted, such
	HANGE ORDER IS ISS CT ORDER NO. IN ITEM		UANT TO: (Spe	cify auth	ority) THE C	HANGE	S SET FORTH I	NITEM 14 ARI	E MADE IN THE
B. THE Al office, a	BOVE NUMBERED COM ppropriation date, etc.) S	NTRACT/OF SET FORTH	RDER IS MODIF	IED TO I	REFLECT TH T TO THE AL	HE ADMI	NISTRATIVE CH	HANGES (suci 03(b).	as changes in pay
C. THIS	SUPPLEMENTAL AGRE	EMENT IS	ENTERED INTO	PURSU	JANT TO AU	THORIT	Y OF:		
<b>A</b>	ER (Specify type of mod 232.22 LIMITA)			APR 1	984)				
E. IMPORTANT: Con	tractor [X ] is not, [ ] is	required to	sign this docume	ent and n	eturn		to be issued off		
14. DESCRIPTION OF A A. The total estin					ings, including	g solicita	ion/contract subje	ect mater where	feasible.)
				8					
B. This modificat	ion is issued to o	bligate c	ontract fun	ding f	or the NA	ASA B	alloon One	rations	
Contract (NB		g			01 444 112	AOZ E D	шиоон оро	i etelolio	
Except as provided herein, all ten		ent referenced in	n Item 9A or 10A, as he	eretofore ct	sanged, remains o	unchanged	and in full force and e	ffect.	
15A. NAME AND TITLED	OF SIGNER (Type or	print)			0.	0	1	ACTING OFFI	CER (Type or prin
15B. CONTRACTOR/OF	FFROR		15C. DATE SI	CNED		y M. W	BLUK TIPPI	SA I	16C.DATE SIGNE
100, QUE 1100 10100			ISG. DATE SI	~:4LU	BY Origina		MY MIL	17	
(Signature of person auth	ortzed to sion)				(Signature	of Conf	racing Officer)		9/29/15
Landard or horont gan			1		1 and and and				

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows: PR # 4200567488:

CORE:

**FROM** 

<u>BY</u>

TO

\$21,092,140.29

\$ 71.68

\$21,092,211.97 -BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ: (No Change from last Modification)

FROM

TO

\$ 4,245,976.20

\$22,156.00

\$4,268,132.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$71.68.
- 4. The period of allotment is from date this contract through November 13, 2015
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITA	TION ODIFICATION	ON OF CONTRA	CT CON	TRACT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 13	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/P N/A	URCHASE REQ. N	D. 5. PROJECT N	iO. (If applicable
6. ISSUED BY		7. ADMINIST	ERED BY (If other	han Item 6)	
NASA					
Goddard Space Flight Center		Same			
Wallops Flight Facility					
Wallops Island, VA 23337					
8. NAME AND ADDRESS OF CONTRAC	CTOR (No., street, county	, State and ZIP	( ) 9A. AMENI	MENT OF SOLICITA	ATION NO.
Orbital Sciences Corporation					
Fechnical Services Division					
ATTN: Jeff Heath					
7500 Greenway Center Drive Ste. 7 Greenbelt, MD 20770	'00				
si wholi, MD 20170			9b. DATED	(SEE ITEM 11)	
			10A, MODII	ICATION OF CONT	RACT/ORDER
			X NO: N	NG15WA53C	
CODE:	FACILITY CODE:			) (SEE ITEM 13):	
11. THIS ITEM ONLY APPLIES T	O AMENDMENTS OF SC	VICITATIONS	<u>U2-</u> I	01-2015	
[ ] The above numbered solicitation is amended as set			oro [ 1 in outended [ 1	s and nadenalised	
			F CONTRACTS/		
A. THIS CHANGE ORDER IS I CONTRACT ORDER NO. IN IT	SSUED PURSUANT TO: (SP EM 10A.	pecify authority) THE CH	IANGES SET FORT	H IN ITEM 14 ARE N	MADE IN THE
B. THE ABOVE NUMBERED Coffice, appropriation date, etc.	ONTRACT/ORDER IS MODI .) SET FORTH IN ITEM 14, P	FIED TO REFLECT THE URSUANT TO THE AU	E ADMINISTRATIVE THORITY OF FAR	CHANGES (such a 12.103(b).	s changes in pay
C. THIS SUPPLEMENTAL AG	REEMENT IS ENTERED INT	O PURSUANT TO AUT	HORITY OF:		
D. OTHER (Specify type of m	77	APR 1984)			
E. IMPORTANT: Contractor [X ] is not, [ ]	is required to sign this docum	ent and return	copies to be issued		
14. DESCRIPTION OF AMENDMENT/MODIFIED  A. The total estimated contract			solicitation/contract s	ubject mater where fea	nsible.)
	TWO I VILLULIA GENERALIS				
B. This modification is issued to	obligate contract fu	nding for the NA	SA Balloon O	perations	
Contract (NBOC)	0				
Europe on provided breaks all terms and anaditions of the	ument referenced in Item SA or 10A, as	heretofore changed, remains ur	ichanged and in full force i	ınd effect.	
Except as browning trainin's strategic couldings of the door	or print)	18A NAME	AND TITLE OF COL	ITRACTING OFFICE	
	bereited	IOA RABIE	AND THE OF COI	ALIMO LING OFFICE	D (Time or ad-
15A. NAME AND TITLED OF SIGNER (Type			ace and Access		R (Type or prin
15A. NAME AND TITLED OF SIGNER (Type of	450 0477		M. Melvitt		
	15C. DATE S		DETATES OF AM	Rick 10	R (Type or prin BC.DATE SIGNE 11/4/2015

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows: PR # 4200569981:

CORE:

**FROM** 

 $\mathbf{BY}$ 

TO

\$21,092,211.97

\$ 3,615,000.00

\$24,707,211.97-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

DIQ:

FROM

<u>BY</u>

\$500,000.00

\$4,768,132.20 BPO IDIQ Support

\$4,768,132.20

\$4,268,132.20

\$226,053.00

\$4,994,185.20

LDSD IDIQ Support

- 3. Total obligated by this modification is \$4,341,053.00.
- 4. The period of allotment is from date this contract through January 31, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITATI	ION/MODIFICATIO	N OF CONT	RACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 14	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION N/A	VPURCHA:	SE REQ. NO.	5. PROJECT NO	1 of 4 D. (If applicable)
6. ISSUED BY NASA		7. ADMINIS	STERED B	Y (If other than	Item 6)	
Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		Same	•			
8. NAME AND ADDRESS OF CONTRACT Code)	OR (No., street, county,	State and ZIP	0	9A. AMENDME	NT OF SOLICITA	TION NO.
Orbital Sciences Corporation						
Technical Services Division						
ATTN: Jeff Heath						
7500 Greenway Center Drive Ste. 700 Greenbelt, MD 20770	)					
201,122 201,10			-	b. Dated (See	ITEM 11)	
					TION OF CONTR	ACT/ORDER
	11-11H		x	NO: NNG	15WA53C	
GODE:	FACILITY CODE:		1	OB. DATED (SE	_	
11. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS		02-01-2	015	
[ ] The above numbered solicitation is amended as set t	forth in item 14. The hour and d	ate specified for recei	pt of Offers	[ ] is extended. I	Lis not extended.	
telegram which includes a reference to the solicitation at THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DA offer already submitted, such change may be made by to prior to the opening hour and date specified.  12. ACCOUNTING AND APPROPRIATION TOTAL FUNDING: \$29,701,397.  13. THIS ITEM IT MODIF	N DATA (If required)	imated Cost :	64,885,	to by virtue of this access to the solicitation of the solicitatio	amendment you de ion and this amend	
A. THIS CHANGE ORDER IS ISSU CONTRACT ORDER NO. IN ITEM	JED PURSUANT TO: (Spec					ADE IN THE
B. THE ABOVE NUMBERED CON office, appropriation date, etc.)	TRACT/ORDER IS MODIFIE	D TO REFLECT THE	E ADMINIS	STRATIVE CHA	NGES (such as c	hanges in payin
X C. THIS SUPPLEMENTAL AGREE	MENT IS ENTERED INTO F	URSHANT TO ALL	THORITY	OB		
FAR 52.243.2-CHANGES-CO D. OTHER (Specify type of mod	OST-REIMBURSEMEN	T (AUG 1987)-	ALTERN	ATE V (APR	1984)	
E. IMPORTANT: Contractor  X   is not f   is	required to sign this docum	ment and return		lands to land	1 44	
A. The purpose of this modification  Revise clause H.7. from 1852.2  ALTERNATE II (OCT 2000) to	non (Organized by UCF section on is to make following 242-72 OBSERVAN(	n heedings, including ag revision: CE OF LEGAL	aolicitetion	) AVS (AU	máisr whare feigill 3 1002) A N	D
15A. NAME AND TITLED OF SIGNER (Type or p. Jeff Health, Director, Contracts	rint)	1 .	AND TITL	180	CTING OFFICER	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGN	VED 189 UNIT	ED STAN	S OF AMERICA	160	DATE SIGNED
	1/5/16		Spanner F	W Late	11/11/11	1 /
(Signature of person authorized to sign)			of Contra	cting Officer)	-	12/30/

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

### B. Clause H.9 is revised from:

1852.242-72 OBSERVANCE OF LEGAL HOLIDAYS (AUG 1992) –AND ALTERNATE II (OCT 2000)

(a) The on-site Government personnel observe the following holidays:

New Year's Day

Labor Day

Martin Luther King, Jr.'s Birthday

Columbus Day

President's Day

Veterans Day

Memorial Day

Thanksgiving Day

Independence Day

Christmas Day

Any other day designated by Federal statute, Executive order, or the President's proclamation.

- (b) When any holiday falls on a Saturday, the preceding Friday is observed. When any holiday falls on a Sunday, the following Monday is observed. Observance of such days by Government personnel shall not by itself be cause for an additional period of performance or entitlement of compensation except as set forth within the contract.
- (c) When the NASA installation grants administrative leave to its Government employees (e.g., as a result of inclement weather, potentially hazardous conditions, or other special circumstances), Contractor personnel working on-site should also be dismissed. However, the contractor shall provide sufficient on-site personnel to perform round-the-clock requirements of critical work already in process, unless otherwise instructed by the Contracting Officer or authorized representative.
- (d) Whenever administrative leave is granted to Contractor personnel pursuant to paragraph (e) of this clause, it shall be without loss to the Contractor. The cost of salaries and wages to the Contractor for the period of any such excused absence shall be a reimbursable item of cost under this contract for employees in accordance with the Contractor's established accounting policy.

(End of clause)

To:

1852.242-72 DENIED ACCESS TO NASA FACILITIES (OCT 2015)

(a)(1) The performance of this contract requires contractor employees of the prime contractor or any subcontractor, affiliate, partner, joint venture, or team member with which the contractor is associated, including consultants engaged by any of these entities, to have access to, physical entry

Contract NNG15WA53C Modification No. 14 Page 3 of 4

into, and to the extent authorized, mobility within, a NASA facility.

- (2) NASA may close and or deny contractor access to a NASA facility for a portion of a business day or longer due to any one of the following events:
- (i) Federal public holidays for federal employees in accordance with 5 U.S.C. 6103.
- (ii) Fires, floods, earthquakes, unusually severe weather to include snow storms, tornadoes and hurricanes.
- (iii) Occupational safety or health hazards.
- (iv) Non-appropriation of funds by Congress.
- (v) Any other reason.
- (3) In such events, the contractor employees may be denied access to a NASA facility, in part or in whole, to perform work required by the contract. Contractor personnel already present at a NASA facility during such events may be required to leave the facility.
- (b) In all instances where contractor employees are denied access or required to vacate a NASA facility, in part or in whole, the contractor shall be responsible to ensure contractor personnel working under the contract comply. If the circumstances permit, the contracting officer will provide direction to the contractor, which could include continuing on-site performance during the NASA facility closure period. In the absence of such direction, the contractor shall exercise sound judgment to minimize unnecessary contract costs and performance impacts by, for example, performing required work off-site if possible or reassigning personnel to other activities if appropriate.
- (c) The contractor shall be responsible for monitoring the local radio, television stations, NASA Web sites, other communications channels, for example contracting officer notification, that the NASA facility is accessible. Once accessible the contractor shall resume contract performance as required by the contract.
  - (d) For the period that NASA facilities were not accessible to contractor employees, the contracting officer may—
  - (1) Adjust the contract performance or delivery schedule for a period equivalent to the period the NASA facility was not accessible;
  - (2) Forego the work;
  - (3) Reschedule the work by mutual agreement of the parties; or
  - (4) Consider properly documented requests for equitable adjustment, claim, or any other remedy pursuant to the terms and conditions of the contract.
  - (e) Notification procedures of a NASA facility closure, including contractor denial of access, as follows:
  - (1) The contractor shall be responsible for monitoring the local radio, television stations, NASA Web sites, other communications channels, for example contracting officer notification, for announcement of a NASA facility closure to include denial of access to the NASA facility. The contractor shall be responsible for notification of its employees of the NASA facility closure to include denial of access to the NASA facility. The dismissal of NASA employees in accordance with statute and regulations providing for such dismissals shall not, in itself, equate to a NASA facility closure in which contractor employees are denied access. Moreover, the leave status of NASA employees shall not be conveyed or imputed to contractor personnel. Accordingly, unless a NASA facility is closed and the contractor is denied access to the facility, the contractor shall

Contract NNG15WA53C Modification No. 14 Page 3 of 4

continue performance in accordance with the contract.

(2) NASA's Emergency Notification System (ENS). ENS is a NASA-wide Emergency Notification and Accountability System that provides NASA the ability to send messages, both Agency-related and/or Center-related, in the event of an emergency or emerging situation at a NASA facility. Notification is provided via multiple communication devices, e.g. Email, text, cellular, home / office numbers. The ENS provides the capability to respond to notifications and provide the safety status. Contractor employees may register for these notifications at the ENS Web site: <a href="http://www.hg.nusa.gov/objec/ops/nusuonly/ENSinformation.html">http://www.hg.nusa.gov/objec/ops/nusuonly/ENSinformation.html</a>

(End of clause)

5. No other changes to this contract are made by issuance of this modification.

AMEN	NOMENT OF SOLICITAT	OL JOIT	DIFICATIO	N OF CONT	RACT	. CONTRA	CT ID CODE	PAGE(S)
2. AMENDME 15	NT/MODIFICATION NO.	3. EFFEC	TIVE DATE k 16c	4. REQUISITION		IASE REQ. NO.	5. PROJECT	NO. (if applicable
6. ISSUED BY				7. ADMIN	ISTERED	BY (If other then	item 6)	
NASA								
	rd Space Flight Center			San	10			
_	s Flight Facility							
wanor	os Island, VA 23337							
8. NAME A	ND ADDRESS OF CONTRAC	CTOR (No.,	street, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICIT	ATION NO.
Orbital Sc	ciences Corporation							
	Services Division							
ATTN: Je	ff Heath							
7500 Gree	nway Center Drive Ste. 7	00						
	, MD 20770				1			
•						9b. DATED (SE	E ITEM 11)	
						10A. MODIFICA	TION OF CONT	FRACT/ORDER
CODE:					_ x	NO: NNG	15WA53C	-
CODE:		FACILI	TY CODE:			10B. DATED (S		
11.	THIS ITEM ONLY APPLIES TO	AMENDM	ENTS OF SO	ICITATIONS		02-01-	2015	
	numbered solicitation is amended as set for knowledge receipt of this amendment pro-							
reference to the	copies of the amendment, (b) By a e solicitation and amendment numbers. Fi E HOUR AND DATA SPECIFIED MAY RE e made by telegram or letter, provided each	ICKNOWLEDGING I AILURE OF YO SULLT IN REJE	CTION OF YOUR	Ment on each copy of SEMENT TO BE REC	of the offer su CEIVED AT	ubmitted; or (c) By se THE PLACE DESIGN	PARTED FOR THE	egram which includes RECEIPT OF OFFER
	ACCOUNTING AND APPROPRIATE L FUNDING: \$34,701,39			timated Cost	t : 64,88	35,402.00	HAY.	
	13. THIS ITE IT MOD	M APPLIE	S ONLY TO M CONTRACT/O	ODIFICATIONS ORDER NO. AS	S OF CO	NTRACTS/ORI	DERS, 14.	
-	A. THIS CHANGE ORDER IS IS CONTRACT ORDER NO. IN ITE	SUED PURS EM 10A.	SUANT TO: (Spe	cify authority) THE	CHANGE	S SET FORTH IN	ITEM 14 ARE	MADE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	ONTRACT/O	RDER IS MODIFI I IN ITEM 14, PU	ED TO REFLECT RSUANT TO THE	THE ADM	INISTRATIVE CH	IANGES (such a	is changes in payi
	C. THIS SUPPLEMENTAL AGE	REEMENT IS	ENTERED INTO	PURSUANT TO	AUTHORIT	Y OF:		
X	D. OTHER (Specify type of more Far 52.232.22 LIMITA			PR 1984)				
E. IMPOR	RTANT: Contractor [X ] is not, [ ] i	s required to	sign this docume	nt and return	conie	s to be issued offi	ne -	
14. DESCR	IPTION OF AMENDMENT/MODIFIC	CATION (Orga	nized by UCF sect	ion headings, inclu	ling solicits	tion/contract subje	ct mater where fe	asible.)
A. The	total estimated contract v	alue rem	ains unchan	ged.		•		<b>,</b>
B. This	modification is issued to dract (NBOC)	obligate c	ontract fun	ding for the l	NASA E	Balloon Oper	ations	
	ded herein, all terms and conditions of the docum	ment referenced in	n item 9A or 10A, as he	retofore changed, rema	ins unchanged	and in full force and ef	fact.	
15A. NAME	AND TITLED OF SIGNER (Type or	r print)		16A. NA	ME AND T	ITLE OF CONTRA	ACTING OFFICE	ER (Type or prin
15B. CONT	RACTOR/OFFEROR		15C, DATE SIG		Key M. M	ETTITE OF AMERIC	1	44 B188 4401
			IVV. DATE 310	B Orig	ina sign	WALL I		6C.DATE SIGNE
(Signature o	of person authorized to sign)			/Signal	ite of Cost	rating Officer	11/10	2/01/2016

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows: PR # 4200577194:

CORE:

**FROM** 

 $\mathbf{BY}$ 

<u>TO</u>

\$24,707,211.97

\$ 4,500,000.00

\$29,207,211.97-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM

 $\mathbf{BY}$ 

TO

\$ 4,994,185.20

\$500,000.00

\$5,494,185.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$5,000,000.00.
- 4. The period of allotment is from date this contract through March 31, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITATI	ON. J	DIFICATIO	N OF	CONTR	ACT	CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDME 16	NT/MODIFICATION NO.	3. EFFEC See Bll	TIVE DATE k 16c	4. R	EQUISITION/I	PURCHA	SE REQ. NO.	5. PROJECT	NO. (if applicable
Wallo					7. ADMINIST		Y ( <b>if other</b> than	Item 6)	
Code) Orbital So Technical ATTN: Je 7500 Gree	ND ADDRESS OF CONTRACT ciences Corporation Services Division off Heath conway Center Drive Ste. 70 of MD 20770		street, county,	State	and ZIP	()	9A. AMENDME	NT OF SOLICI	ATION NO.
								·	TRACT/ORDER
CODE:		FACILI	TY CODE:				10B. DATED (S 02-01-	-	
specified.		ON DATA (# .17 MAPPLIE	required)	tima ODIF	ted Cost :	64,885 OF CON	,402.00 TRACTS/OR	DERS,	ning nour and date
	A. THIS CHANGE ORDER IS ISS CONTRACT ORDER NO. IN ITE	SUED PURS							MADE IN THE
	B. THE ABOVE NUMBERED CO. office, appropriation date, etc.)	SET FORTH	I IN ITEM 14, PU	RSUAI	NT TO THE AL	UTHORIT	Y OF FAR 42.1	IANGES (such a 03(b).	as changes in payi
X	D. OTHER (Specify type of mor Far 52.232.22 LIMITA)	dification and	d authority)			THORITY	OF:		
A. The B. This Con	RTANT: Contractor [X ] is not, [] is RIPTION OF AMENDMENT/MODIFICATION	required to ATION (Organical Control of the Control	sign this docume mized by UCF sect ains unchan contract func	nt and lon hea ged.	return  dings, including  for the NA  changed, remains o	y solicitation  ASA Ba	Alloon Opel	ct mater where for actions	easible.) ER (Type or princ
15B. CON	TRACTOR/OFFEROR		15C, DATE SK	NED		y M. Me	reit Es de americ	2A 4	6C.DATE SIGNE
	of person authorized to sign)		THE UNITED IN		BOngina	al signed t			2/29/2016

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate as follows: PR # 4200580449:

CORE:

**FROM** 

<u>BY</u>

TO

\$ 29,207,211.97

\$ 15,119,547.00

\$44,326,758.97-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

**FROM** 

\$ 5,494,185.20

 $\mathbf{BY}$ 

\$1,000,000.00

<u>TO</u> \$6.494.185.20

\$6,494,185.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$16,119,547.00.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITAT	ÖAOI	DIFICATIO	N OF	CONTRA	CT	CONTRA	CT ID CODE	PAGE(S)
AMENDM 17	ENT/MODIFICATION NO.	3. EFFEC See Bll	TIVE DATE	4. RE	QUISITION/P	URCHA	SE REQ. NO.	5. PROJEC	T NO. (If applicabl
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	ps Island, VA 23337								
Code)	AND ADDRESS OF CONTRAC	FOR (No.,	street, county,	State a	nd ZIP	()	9A. AMENDME	NT OF SOLIC	STATION NO.
	Sciences Corporation  I Services Division					1			
	eff Heath								
	enway Center Drive Ste. 70	0							
	t, MD 20770								
							9b. DATED (SE	E ITEM 11)	
						Х		TION OF CO	NTRACT/ORDER C
CODE:		FACILI	TY CODE:				10B. DATED (S	-	
11	. THIS ITEM ONLY APPLIES TO	AMENDM	ENTS OF SOI	ICITAT	IONS		02-01-	2015	
specified.		ON DATA (# 2.43 VI APPLIE	ter makes reference	e to the so	d Cost : 6	is amendr 64,885 F CON	,402.00	DERS,	pening hour and date
	A. THIS CHANGE ORDER IS IS: CONTRACT ORDER NO. IN ITE		SUANT TO: (Spe	cify author	ority) THE CH	ANGES	SET FORTH IN	I ITEM 14 AR	E MADE IN THE
-	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/OI SET FORTH	RDER IS MODIF	IED TO F IRSUANT	EFLECT THE	E ADMÍN THORIT	IISTRATIVE CH Y OF FAR 42.1	IANGES (suc 03(b).	h as changes in pay
	C. THIS SUPPLEMENTAL AGR	EEMENT IS	ENTERED INTO	PURSU	ANT TO AUT	HORITY	OF:		
X	D. OTHER (Specify type of mo Far 52.232.22 LIMITA		***	A D'D 10	184				
E. IMPO	ORTANT: Contractor [X ] is not, [] is					conies	to be issued offi	ce.	
14. DESC	PRIPTION OF AMENDMENT/MODIFIC	ATION (Orga	nized by UCF seci	tion headi	ngs, including				feasible.)
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	is modification is issued to on the contract (NBOC)	bligate o	ontract fun	ding fo	or the NA	SA B	alloon Oper	rations	
Except as pro	ovided herein, all terms and conditions of the docum	ent referenced in	n Item 9A or 10A, as he	snatofore cha	enged, remains un	nchanged s	nd in full force and ef	fect,	
15A, NAN	IE AND TITLED OF SIGNER (Type or	print)						ACTING OFF	ICER (Type or prin
188 004	NTRACTOR/OFFEROR		4EC DATE OF	CNED	Mickey			A	400 BATE 010-11
			15C. DATE SI	GNED	BY Skining	aigne	8 21	Mus	16C.DATE SIGNE 3/29/16
(Signature	e of person authorized to sign)				(Signature o	of Contra	noting Officer)	~	

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows: PR # 4200583050:

CORE:

FROM

**BY** 

TO

\$44,326,758.97

\$ 8.26

\$44,326,767.23-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

**FROM** 

\$6,494,185.20

\$421,000.00

TO

\$6,915,185.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$421,008.26.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

2. AMENI 18			N OF CONT	KAC	1. CONTRA		PAGE(S)
10	DMENT/HODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION		ASE REQ. NO.	5. PROJECT N	
B. ISSUEL					BY (H other than	ltem 6)	
NA!					(		
Wal	Idard Space Flight Center llops Flight Facility		Sam	9			
	flops Island, VA 23337						
71 000	inopo intellity 4 At 2000/		İ				
8. NAME	E AND ADDRESS OF CONTRAC	TOR (No., street, county,	State and ZIP	[0]	SA. AMENDMEN	T OF SOLICITA	TION NO.
	Sciences Corporation			1 1			
Technic	cal Services Division			1 1			
	Jeff Heath			1 1			
	reenway Center Drive Ste. 70	0		1 1			
Greenb	elt, MD 28770						
					96. DATED (SEE	ITEM 11)	
				1	10A. MODIFICAT	ION OF CONTR	ACT/ORDER
				x	NO: NING	I5WA53C	
CODE:		FACILITY CODE:			108. DATED (SE	E ITEM 13):	
- 1	1. THIS ITEM ONLY APPLIES TO	A to delive a select a second according			02-01-2		
[] The abo	ove numbered solicitation is amended as sat for	AMENUMENTS OF SOLI	CITATIONS				
specified.	o the solicitation and amendment numbers. FAR THE HOUR AND DATA SPECIFIED MAY RES Y be made by telegram or lefter, provided each to 12. ACCOUNTING AND APPROPRIATIO TAL FUNDING: \$51,241,952.	elegram or letter makes reference ( N OATA (if required)	mated Cost:	lds amindr	ent you desire to the next, and is regered	ings sit offer abasty prior to the opening	eutenteed, such hour and date
	13. THIS ITEM IT MODIF	APPLIES ONLY TO MO	DIFICATIONS (	OF CON	TRACTE/OPNI	ERS,	
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Contract NNG15WA53C Modification No. 18 Page 2 of 2

H.24 1852.219-75 Individual Subcontracting Reports.

# INDIVIDUAL SUBCONTRACTING REPORTS (APR 2015)

When submitting Individual Subcontracting Reports in eSRS in accordance with FAR 52.219-9(l) (1), the contractor shall enter goals as a percentage of total contract value as well as a percentage of total subcontract dollars.

(End of clause)

No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITATI	ONSDIFICATIO	N OF CONTR	ACT	JONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 19	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/ N/A	PURCHASI	REQ. NO.	5. PROJECT	NO. (If applicable
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		7. ADMINIS		(If other than	kem 6)	
8. NAME AND ADDRESS OF CONTRACT Code) Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath 7500 Greenway Center Drive Ste. 70 Greenbelt, MD 20770		, State and ZIP	() 9/	A. AMENDME	ENT OF SOLICI	FATION NO.
						ITRACT/ORDER
CODE:	FACILITY CODE:			DB. DATED (S	SEE ITEM 13):	
11. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SC	LICITATIONS				
	M APPLIES ONLY TO MIFIES THE CONTRACTA SUED PURSUANT TO: (Sp	ORDER NO. AS I	OF CONT	RACTS/OR ED IN ITEM	14.	MADE IN THE
B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	ONTRACT/ORDER IS MODIL					as changes in pay
C. THIS SUPPLEMENTAL AGR	EEMENT IS ENTERED INT	O PURSUANT TO AL	JTHORITY	OF:		
D. OTHER (Specify type of mo		APR 1984)				
E. IMPORTANT: Contractor [X] is not, [] is  14. DESCRIPTION OF AMENDMENT/MODIFIC  A. The total estimated contract v  B. This modification is issued to a  Contract (NBOC)  Except as provided herein, all terms and conditions of the docum  15A. NAME AND TITLED OF SIGNER (Type of	ATION (Organized by UCF se alue remains unch a obligate contract fur nent referenced in Item 9A or 10A, as	nged.  nding for the N heretofore changed, remains  16A, NAM	ASA Ba	lloon Oped in full force and	ect mater where rations effect.	feasible.)  CER (Type or print  16C.DATE SIGNE
(Signature of person authorized to sign)	10C. DATE S	BX Origin	nal signed by	chopper .		7/14/2016
NSN 7540-01-152-8070					FORM 30 (REV.	. 10-83)

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate as follows: PR # 4200591499 and 4200595525:

CORE:

FROM BY TO

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM BY TO

\$ 6,915,185.20 \$2,673,100.00 \$9,588,285.20 BPO IDIQ Support

- 3. Total obligated by this modification is \$2,673,949.33.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AMEND	MENT OF SOLICITATION	ON/JDIFICATION	OF CO	NTRACT	ONTRA	ACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT 20	MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUIS	N/A	ASE REQ. NO.	5. PROJECT	NO. (If applicable
Wallops	l Space Flight Center Flight Facility Island, VA 23337			OMINISTERED I	3Y (If other than	item 6)	
Code) Orbital Scie Technical S ATTN: Jeff	way Center Drive Ste. 700		State and 2	CIP ()	9A. AMENDME	ENT OF SOLICI	TATION NO.
Greenben,	VIII 20110				9b. DATED (SI	EE ITEM 11)	
				x		ATION OF CON G15WA53C	TRACT/ORDER
CODE:		FACILITY CODE:			10B. DATED (3		
11. TI	HIS ITEM ONLY APPLIES TO	AMENDMENTS OF SO	CITATIO	NS			
	IT MODII	.76 Total Est APPLIES ONLY TO METER THE CONTRACT/GUED PURSUANT TO: (Spe	ODIFICAT	). AS DESCR	NTRACTS/OF	14.	MADE IN THE
	B. THE ABOVE NUMBERED COloffice, appropriation date, etc.)	NTRACT/ORDER IS MODIF	IED TO REF	LECT THE ADN	INISTRATIVE O	:HANGES (such	as changes in pay
-	C. THIS SUPPLEMENTAL AGRE						
x	D. OTHER (Specify type of mod Far 52.232.22 LIMITA)		APR 198	<b>4</b> )			
14. DESCRI	TANT: Contractor [X ] is not, [ ] is PTION OF AMENDMENT/MODIFICATION OF AMENDMENT AND AMENDMENT AMENDMENT AND AMENDMENT AND AMENDMENT AND AMENDMENT AND AMENDMENT AND AMEN	ATION (Organized by UCF sec	tion headings		s to be issued o		faasibia.)
Cont	modification is issued to dract (NBOC)  ed herein, all terms and conditions of the docum			ŕ	_		n Operations
15A. NAME	AND TITLED OF SIGNER (Type or	print)	16	A. NAME AND		RACTING OFFI	CER (Type or pris
15B. CONTI	RACTOR/OFFEROR	15C. DATE S	7	Odeina signe	TES OF THE	$\sim$	16C.DATE SIGNI 7/28/2016
	f person authorized to sign)		6	Signature of Con	tracting Officer)		
NSN 7	540-01-152-8070				STANDARD	FORM 30 (REV	. 10-83)

1.	Revise Article B.4	<b>CONTRACT FUN</b>	DING (18-52.232-8	<u>1 (JUN 1990)</u> – c	deobligate <mark>as follow</mark> s:
	PR # 4200569981:				

CORE: No Change

**FROM** 

 $\mathbf{BY}$ 

<u>TO</u>

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

FROM

\$ 9,588,285.20

-\$179,451.00

\$9,408,834.20 LDSD IDIQ Support

- 3. Total deobligated by this modification is- \$179,451.00.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOI	LICITATIONOI	DIFICATION	OF CONTR	ACT	CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 21	3. EFFECT See Blk		I. REQUISITION/ N/A	PURCHASI	REQ. NO.	5. PROJECT N	O. (If applicable
6. ISSUED BY NASA Goddard Space Flight C Wallops Flight Facility Wallops Island, VA 233			7. ADMINIS		(If other than	item 6)	
8. NAME AND ADDRESS OF Cocode) Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath 7500 Greenway Center Driving Greenbelt, MD 20770	on .	street, county, St	nte and ZIP			NT OF SOLICITA	ITION NO.
						ATION OF CONT C15WA53C	RACT/ORDER
CODE:	FACILIT	Y CODE:		10	B. DATED (S 02-01-	EE ITEM 13): 2015	
PRIOR TO THE HOUR AND DATA SPECII change may be made by telegram or letter, specified.  12. ACCOUNTING AND AP  TOTAL FUNDING: \$5.	provided each telegram or let PROPRIATION DATA (If	ter makes reference to required) Total Estiv S ONLY TO MOD	nated Cost:	\$140,80	3,051.00	DERS,	udy submitted, such ing hour and date
A. THIS CHANGE O CONTRACT ORDER	RDER IS ISSUED PURS R NO. IN ITEM 10A.	UANT TO: (Specify	authority) THE C	CHANGES S	ET FORTH II	NITEM 14 ARE I	AADE IN THE
	MBERED CONTRACT/OF n date, etc.) SET FORTH						s changes in payi
FAR52.243.2-Chang	ENTAL AGREEMENT IS es-Cost-Reimbursement by type of modification and	(AUG 1987)-Alterna		JTHORITY (	DF:		-
E. IMPORTANT: Contractor [X]  14. DESCRIPTION OF AMENDMEN  A. The purpose of thi  Extend Services, of  B. The new period of  Except as provided herein, all terms and conditions  15A. NAME AND TITLED OF SIGN	NT/MODIFICATION (Organs modification is to the NBOC Control  Performance is Footnoted to the document referenced to	nized by UCF section o exercise Operact for Twen ebruary 1, 201	tion #1 in act ty four (24)  5 thru Sept	ng solicitation cordance months. ember 3	e with Cla  0, 2018.	nct mater where featuse F.5 Opt	
15B. CONTRACTOR/OFFEROR		15C. DATE SIGN	ED 16B. ONF B Origin	TED STATE	SIDE AMBEN	C 1	8C.DATE SIGNE
(Signature of person authorized to s	ign)			e of Central	ting Officer)	1	8/16/2016

Contract NNG15WA53C Modification No. 21 Page 2 of 2

# C. The total estimated cost is increased as follows:

	From:	By:	To:
Core: Fee:	(b) (4)	(5) (4)	D) (4)
IDIQ:	\$25,000,000	\$28,000,000	\$53,000,000

Total Contract Estimated Cost thru September 30, 2018 is \$\sum\_{\text{\$\frac{\$140,803,051}{\$}}}\$.

D. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITA	TION,JDIFICA	TION OF	CONTRA	ACT	ONTRA	ACT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 22	3. EFFECTIVE DATE See Blk 16c	E 4. R	EQUISITION/F N/A	PURCHAS	SE REQ. NO.	5. PROJECT N	O. (If applicable
6. ISSUED BY NASA Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337			7. ADMINIST	ERED BY	(if other than	1 item 6)	
8. NAME AND ADDRESS OF CONTRA Code) Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath 7500 Greenway Center Drive Ste. Greenbelt, MD 20770		ounty, State	and ZIP		9A. AMENDME	ENT OF SOLICITA	ITION NO.
none.				x	NO: NN	ATION OF CONT G15WA53C	RACT/ORDER
CODE:	FACILITY CODE				108. DATED (S -02-01	SEE ITEM 13): -2015	
11. THIS ITEM ONLY APPLIES	TO AMENDMENTS O	F SOLICITA	ATIONS		02 02		
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN	ATION DATA (If required) 750.28 Tot TEM APPLIES ONLY DIFIES THE CONTR ISSUED PURSUANT TO ITEM 10A.	tal Estima TO MODIF ACT/ORDE	ted Cost: ICATIONS C IR NO. AS D thority) THE Cl	\$140,8 OF CON ESCRIE HANGES	03,051.00 FRACTS/OR BED IN ITEM SET FORTH I	RDERS, I 14. N ITEM 14 ARE A	AADE IN THE
B. THE ABOVE NUMBERED office, appropriation date, et C. THIS SUPPLEMENTAL A	c.) SET FORTH IN ITEM GREEMENT IS ENTERE	14, PURSUA D INTO PURS	NT TO THE AU	JTHORIT	Y OF FAR 42.	HANGES (such a 103(b).	s changes in pay
X D. OTHER (Specify type of FAR52.232,22 LIMI)	modification and authority  FATION OF FUN	DS (APR	1984)				
E. IMPORTANT: Contractor [X] is not, [					be issued offi		
A. The total estimated contract  B. This modification is issued t  Contract (NBOC)  Except as provided herein, all terms and conditions of the de  15A. NAME AND TITLED OF SIGNER (Type)	value remains un o obligate contrac	changed. t funding	for the NA	ASA Ba	nd in full force and	rations	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. D.	ATE SIGNED	16B UNIT	ED STAT	ES OF MER	CA 1	08/22/2016
NSN 7540-01-152-8070					W	FORM 30 (REV. 1	0-83)

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate as follows: <u>PR # 4200600391</u>:

CORE:

**FROM** 

BY

<u>TO</u>

\$ 44,327,616.56

\$ 7,299.52

\$44,334,916.08-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING

IDIQ:

**FROM** 

BY

<u>TO</u>

\$9,408,834.20

\$1,320,000.00

\$10,728,834.20

**BPO IDIQ** 

- 3. Total obligated by this modification is \$1,327,299.52.00.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

2. AMENDMENT/MODIFICATION NO. 23	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION	N/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable
I. ISSUED BY		7. ADMINI	STERED BY (If other tha	ın İtem 6)
NASA				•
Goddard Space Flight Center		Sam	Α	
Wallops Flight Facility		Jann	•	
Wallops Island, VA 23337				
S. NAME AND ADDRESS OF CONTRACODE)  Orbital Sciences Corporation  Technical Services Division  ATTN: Jeff Heath  1500 Greenway Center Drive Ste.		y, State and ZIP	() 9A. AMENDM	ENT OF SOLICITATION NO.
Greenbelt, MD 20770	700			
steemben, MD 207/0			9b. DATED (S	EF ITEM 44\
				ATION OF CONTRACT/ORDER
			1 1	G15WA53C
ODE:	FACILITY CODE:			SEE ITEM 13): -2015
11. THIS ITEM ONLY APPLIES	TO AMENDMENTS OF SO	DLICITATIONS	02-01	-2013
[ ] The above numbered solicitation is amended as se			Offers [ ] is extended, [ ] is r	ot extended.
and returning copies of the amendment; (b) E reference to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided e specified.	sy acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUF sach telegram or letter makes referen	Indimention each copy of DGEMENT TO BE REC ROFFER If by virtue of	the offer submitted; or (c) By EIVED AT THE PLACE DESI this arrigndment you dealer to	change on offer almosts submitted as whether
and returning	ay acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR Each telegram or letter makes referen ATION DATA (If required)	indiment on each copy of DGEMENT TO BE RECIRED TO BE RECIR	the offer submitted; or (c) By EIVED AT THE PLACE DESI this amendment you desire to d this amendment, and is recern that the submitted in the	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such lived prior to the opening hour and date
ceference to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided especified.  12. ACCOUNTING AND APPROPRIATION TO TAL FUNDING: \$55,013,7	ay acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR PAICH telegram or letter makes reference ATION DATA (If required) TOTAL F TEM APPLIES ONLY TO I DDIFIES THE CONTRACT IS ISSUED PURSUANT TO: (SI	indiment on each copy of DGEMENT TO BE REC. ROFFER. If by virtue of nice to the solicitation and Catimated Cost  MODIFICATIONS  YORDER NO. AS	the offer submitted; or (c) By EIVED AT THE PLACE DESIST THIS Amendment you desire to this amendment, and is received:  \$140,803,051.00  OF CONTRACTS/OIDESCRIBED IN ITEM	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such lived prior to the opening hour and date
and returning when copies of the amendment (b) is reference to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided especified.  12. ACCOUNTING AND APPROPRIATORIAL FUNDING: \$55,013,7  13. THIS IS IT MODING AND APPROPRIATE TO TALL FUNDING: \$55,013,7  A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN B. THE ABOVE NUMBERED	sy acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR Each telegram or letter makes reference ATION DATA (If required) 750.28 Total E TEM APPLIES ONLY TO DIFFIES THE CONTRACT SISSUED PURSUANT TO: (SI ITEM 10A.	indirent on each copy of DGEMENT TO BE REC. R OFFER. If by virtue of nice to the solicitation and cartificated Cost  MODIFICATIONS FORDER NO. AS  DECITY authority) THE	the offer submitted; or (c) By EIVED AT THE PLACE DESITION this amendment you desire to this amendment, and is received this amendment, and is received.  \$140,803,051.00  OF CONTRACTS/OIDESCRIBED IN ITEM  CHANGES SET FORTH  THE ADMINISTRATIVE (C)	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such inved prior to the opening hour and date.  RDERS, II 14.  IN ITEM 14 ARE MADE IN THE
and returning when copies or the amendment (b) is reference to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided e specified.  12. ACCOUNTING AND APPROPRIATOR AND APPROPRIATOR AT THIS IS IT MODE AT THIS IS CONTRACT ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED office, appropriation date, etc. THIS SUPPLEMENTAL AFAR52.243.2-Changes-Cost-	ATION DATA (if required) TEM APPLIES ONLY TO: SISSUED PURSUANT TO: SISSU	indirent on each copy of DGEMENT TO BE RECIPED TO SET TO BE RECIPED TO SET TO S	the offer submitted; or (c) By EIVED AT THE PLACE DESI this amendment, and is received this amendment, and is received.  \$140,803,051.00  OF CONTRACTS/OIDESCRIBED IN ITEM CHANGES SET FORTH  THE ADMINISTRATIVE CAUTHORITY OF FAR 42.	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such inved prior to the opening hour and date.  RDERS, II 14.  IN ITEM 14 ARE MADE IN THE
and returning when copies or the amendment (b) is reference to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided e specified.  12. ACCOUNTING AND APPROPRIATION OF THE SECONTRACT ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-IX  D. OTHER (Specify type of	ATION DATA (If required) TEM APPLIES ONLY TO: SISSUED PURSUANT TO: (Sp. SITEM 10A.  CONTRACT/ORDER IS MODITE.) GREEMENT IS ENTERED INTREMEDIATE.  GREEMENT IS ENTERED INTREMEDIATE.  CORRESSMENT IS ENTERED INTREMEDIATE.  GREEMENT IS ENTERED INTREMEDIATE.  GREEMENT IS ENTERED INTREMEDIATE.	indirent on each copy of DGEMENT TO BE RECIPED TO SET IN THE PROPERTY OF THE PROPERTY OF THE PURSUANT TO THE PURSUANT TO THE PURSUANT TO A TEMPER OF P	the offer submitted; or (c) By EIVED AT THE PLACE DESI this amendment, and is received this amendment, and is received.  \$140,803,051.00  OF CONTRACTS/OIDESCRIBED IN ITEM CHANGES SET FORTH  THE ADMINISTRATIVE CAUTHORITY OF FAR 42.	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such inved prior to the opening hour and date.  RDERS, II 14.  IN ITEM 14 ARE MADE IN THE
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-  X  D. OTHER (Specify type of FAR52.232,22 LIMI  E. IMPORTANT: Contractor [X] is not, [	ATION OF FUNDS  I FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR MACH telegram or letter makes refered  ATION DATA (If required)  TOTAL T  TEM APPLIES ONLY TO I  DIFIES THE CONTRACT  GISSUED PURSUANT TO: (Sp  ITEM 10A.  CONTRACT/ORDER IS MODIFIED INTERM 14, F  GREEMENT IS ENTERED INTERMINENT TO INTERMINENT IS ENTERED INTERMINENT INTER	indirent on each copy of DGEMENT TO BE RECIPED TO SET IN THE PROPERTY OF THE P	the offer submitted; or (c) By EIVED AT THE PLACE DESISTANT THE PLACE DESISTANT OF CONTRACTS/OIDESCRIBED IN ITEM CHANGES SET FORTH  THE ADMINISTRATIVE CAUTHORITY OF FAR 42.  LUTHORITY OF:  Copies to be issued offer.	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date.  RDERS, IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN B. THE ABOVE NUMBERED office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost- X D. OTHER (Specify type of FAR52.232,22 LIMI  E. IMPORTANT: Contractor [X] is not, [ ]  14. DESCRIPTION of AMENDMENT/MODI	ATION OF FUNDS  CREEMENT IS ENTERED INT  Reimbursement (AUG 1987)-AI  CONTRACT/ORDER IS MODIFIES TO SET FORTH IN ITEM 14, F  CREEMENT IS ENTERED INT  Reimbursement (AUG 1987)-AI  CONTRACT/ORDER IS MODIFIES TO SET FORTH IN ITEM 14, F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/ORDER IS MODIFIES TO SET F  CONTRACT/	indirent on each copy of DGEMENT TO BE RECIPED TO SET IN THE PROPERTY OF THE P	the offer submitted; or (c) By EIVED AT THE PLACE DESISTANT THE PLACE DESISTANT OF CONTRACTS/OIDESCRIBED IN ITEM CHANGES SET FORTH  THE ADMINISTRATIVE CAUTHORITY OF FAR 42.  LUTHORITY OF:  Copies to be issued offer.	separate letter or talegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date.  RDERS, IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-IMPORTANT: Contractor [X] is not, [1]  14. DESCRIPTION OF AMENDMENT/MODIL A. This modification is issued to Contract (NBOC)	sy acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR acknowledge and relegrand or letter makes refered at the property of the same of the	indirection each copy of DGEMENT TO BE RECITED TO THE STORY OF THE STO	the offer submitted; or (c) By EIVED AT THE PLACE DESIGNATION THE STATE OF THE STATE OF THE STATE OF THE ADMINISTRATIVE OF THE ADMIN	separate letter or telegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date investigation of the opening hour and date.  RDERS, In 14.  IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-IMPORTANT: Contractor [X] is not, [1]  14. DESCRIPTION OF AMENDMENT/MODIL A. The total estimated to is issued to the solicitation and amendment numbers. PRIOR TO THE HOUR AND DATA SPECIFIED MAY change may be made by telegram or letter, provided especified.  12. ACCOUNTING AND APPROPRIMATION TO THE STATE OF THE ABOVE NUMBER OF THE ABOVE	sy acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR Each telegram or letter makes refered ATION DATA (If required)  750.28 Total FITTEM APPLIES ONLY TO DIFFES THE CONTRACT SISSUED PURSUANT TO: (SINTEM 10A.  CONTRACT/ORDER IS MODIFIES TO SET FORTH IN ITEM 14, FOR ITEM 14, FOR ITEM 15 ENTERED INTREIMbursement (AUG 1987)-AI modification and authority)  TATION OF FUNDS Is required to sign this docume FICATION (Organized by UCF set Item 10A)  TO de- obligate contract of the set Item 10A as a comment referenced in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference	indirection each copy of DGEMENT TO BE RECITED TO SET IN THE COST MODIFICATIONS WORDER NO. AS DECIFY authority) THE FIED TO REFLECT PURSUANT TO THE COPURSUANT TO THE COPURSUA	the offer submitted; or (c) By EIVED AT THE PLACE DESIGNATION THE STATE OF CONTRACTS OF CONTRACT	separate letter or telegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date investigation of the opening hour and date.  RDERS, In 14.  IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-IMPORTANT: Contractor [X] is not, []  14. DESCRIPTION OF AMENDMENT/MODILA. The total estimated conditions of the dictors of the	sy acknowledging receipt of this ame FAILURE OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR ACKNOWLE RESULT IN REJECTION OF YOUR Each telegram or letter makes refered ATION DATA (If required)  750.28 Total FITTEM APPLIES ONLY TO DIFFES THE CONTRACT SISSUED PURSUANT TO: (SINTEM 10A.  CONTRACT/ORDER IS MODIFIES TO SET FORTH IN ITEM 14, FOR ITEM 14, FOR ITEM 15 ENTERED INTREIMbursement (AUG 1987)-AI modification and authority)  TATION OF FUNDS Is required to sign this docume FICATION (Organized by UCF set Item 10A)  TO de- obligate contract of the set Item 10A as a comment referenced in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference in Item 9A or 10A as a comment reference	Indirect on each copy of DGEMENT TO BE RECITED TO SET IN THE PROPERTY OF THE P	the offer submitted; or (c) By EIVED AT THE PLACE DESIGNATION THE STATE OF THE STATE OF THE STATE OF THE ADMINISTRATIVE CAUTHORITY OF FAR 42.  LUTHORITY OF:  COPIES to be issued offer solicitation/contract submitted in the NASA Balloon  The Unchanged and in the force and the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchanged and in the unchan	separate letter or telegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date inved prior to the opening hour and date.  RDERS, II 14.  IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).  Ce. Spect mater where feasible.  Operations  effect.  RACTING OFFICER (Type or print
A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, e  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-I  D. OTHER (Specify type of FAR52.232,22 LIMIT  E. IMPORTANT: Contractor [X] is not, [1]  14. DESCRIPTION OF AMENDMENT/MODI A. The total estimated contract  B. This modification is issued to Contract (NBOC)  Except as provided herein, all lerms and conditions of the date of the contract (Type of the contract of the contract (Type of the contract of the contra	ATION OF FUNDS  GREEMENT IS ENTERED INT  Reimbursement (AUG 1987)-AI  GREEMENT IS ENTERED INT  Reimbursement (AUG 1987)-AI  TATION OF FUNDS  is required to sign this document referenced in Item 9A or 10A as a or print)	indirection each copy of DGEMENT TO BE RECITED TO SET IN THE PROPERTY OF THE P	the offer submitted; or (c) By EIVED AT THE PLACE DESIGNATION THE STATE OF CONTRACTS OF CONTRACT	separate letter or telegram which include GNATED FOR THE RECEIPT OF OFFE change an offer already submitted, such ived prior to the opening hour and date inved prior to the opening hour and date.  RDERS, II 14.  IN ITEM 14 ARE MADE IN THE CHANGES (such as changes in pay 103(b).  Ce. Spect mater where feasible.  Operations  effect.  RACTING OFFICER (Type or print

1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - obligate as follows: PR # 4200580449:

CORE:

FROM

 $\mathbf{BY}$ 

<u>TO</u>

\$44,334,916.08

- \$ 50,000.00

\$44,284,916.08-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING (No Change)

IDIQ:

**FROM** 

 $\mathbf{BY}$ 

\$9,408,834.20

\$1,320,000.00

<u>TO</u> \$10,728,834.20

**BPO IDIQ** 

- 3. Total de-obligated by this modification is-\$50,000.00.
- 4. The period of allotment is from date this contract through September 30, 2016
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITA	TIOI MOD	FICATIO	N OF C	ONTRA	CT	CONTRA	CT ID CODE	PAGE(S)
2. AMENDME 24	NT/MODIFICATION NO.	3. EFFECTIVE See Blk 1		4. REQ	UISITION/P N/A	URCH	ASE REQ. NO.	5. PROJECT N	IO. (If applicable
. ISSUED BY	•			7.	ADMINIST	ERED	BY (If other than	Item 8)	
NASA									
	rd Space Flight Center				Same				
Wallo	ps Flight Facility				• • • • • • • • • • • • • • • • • • •				
Wallo	ps Island, VA 23337								
B. NAME A	ND ADDRESS OF CONTRA	CTOR (No., st	reet, county,	State and	d ZIP	()	9A. AMENDME	NT OF SOLICITA	ATION NO.
_	ciences Corporation								
	Services Division								
	eff Heath				- 1				
		700							
	enway Center Drive Ste.	/00			1				
reenbeli	t, MD 20770				-		9b. DATED (SE	E ITEM 11\	
					-			ATION OF CONT	BACTIORDED
						X	1	315WA53C	RACI/URDER
ODE:		FACILITY	CODE:				10B. DATED (S 02-01-		
11.	THIS ITEM ONLY APPLIES T	TO AMENDME	NTS OF SOL	LICITATI	ONS				
[ ] The above	numbered solicitation is amended as set	t forth in Item 14. Th	e hour and date i	specified for	receipt of Off	fers [ ]	is extended, [ ] is no	ot extended.	
	ACCOUNTING AND APPROPRIA AL FUNDING: \$55,013,7	•	Total Es				,803,051.00	nepe	
	IT MO	DIFIES THE C	ONTRACT/O	ORDER	NO. AS D	ESCF	RIBED IN ITEM	14.	
	A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN I		ANT TO: (Spe	cify author	rity) THE Cl	HANGI	ES SET FÖRTH I	N ITEM 14 ARE I	NADE IN THE
	8. THE ABOVE NUMBERED office, appropriation date, et								s changes in pay
	C. THIS SUPPLEMENTAL AC	Reimbursement (A	VUG 1987)-Alte			THORI	TY OF:		
X	D. OTHER (Specify type of FAR52.232.22 LIMIT			APR 19	984)				
	RTANT: Contractor [X] is not, [ ]						to be issued office		
	RIPTION OF AMENDMENT/MODIF				gs, including	solicii	lation/contract subj	ect mater where fe	asible
A. The	e total estimated contract	value remai	ins unchar	iged.					
B. Thi	s modification is to upda	te the CSBF	Governme	ent Veh	ricles list	ling f	for the (NBC	C) Contrac	t
Except as pro	ovided herein, all forms and conditions of the do	ocument referenced in i	tem 9A or 10A, as h	neretofore cha	nged, remains u	unchange	ed and in full force and	effect.	
4EA NAM	E AND TITLED OF SIGNED CO-	or neinth			16A NAME	AMP	TITLE OF COURT	DACTING OFFICE	D /Time
TOA. NAN	TE AND TITLED OF SIGNER (Type	or primity			IOA. NAME	ANU	TITLE OF CONT	RACTING OFFICI	ark (1 <i>ype or pn!</i>
					Micke			A	
15B. CON	TRACTOR/OFFEROR		15C. DATE SI	IGNED	16B UNIT		ATES OF AMER	PALL	6C.DATE SIGNE
(Signatur	a of nerson authorized to sign)				(Sign turn	2	Modeling Officer	MUSIL	10/4/2016

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

# **CSBF VEHICLES**

4464	4293	4292	4083	3978	3909	3908	3906	3721	3435	3306	3062	NASA #
TRUCK	TRUCK, PICKUP	TRUCK, PICKUP	VAN	TRUCK, RECOVERY	TRUCK,	TRUCK, PICKUP	TRUCK, PICKUP	TRUCK 3/4 TON	TRUCK, FORD RECOVERY	TRUCK SEMI	TRUCK SEMI TRACTOR MLV	Asset Name
BLDG 3	BLDG 4	BLDG 3	FTS	FIS	FLT OPS	BLDG 3	FTS	FTS	PSN	FTS	FTS	Current Location (Code)
FRAME	ROBERTS	FRAME	ROBERTS	ROBERTS	ROBERTS	FRAME	ROBERTS	ROBERTS	ROBERTS	ROBERTS	ROBERTS	Person ID
CC15903	RAM DR1L62	RAM DR1L62	G11405	FL80	1988 CC1 <b>0</b> 703	1988 CC10703	1987	CR20943	LN8000	1986 DUAL AXLE	LT9000	Model #
1GCEC14X05 Z126808	1D7HA16K33J 669169	1D7HA16K13J CHRYSLER 669168	1GNFG65R61 1214428	3FV6J6BA7Y HG06691	1GCDC14Z1J Z230361	1GCDC14Z6J Z229335	1B7FD14H8H S346866	1GCGR23J3J J139474	1FDYR82E6S VA35367	1WUGDEUE2 HN117123	1FTZU90R5M VA32305	Serial #
GM	CHRYSLER	CHRYSLER	CHEVROLET GM	FREIGHTLIN GER	GM, CHEVROLET	GM, CHEVROLET	DODGE	CHEVROLET	FORD	VOLVO WHITE	FORD MOTOR	FSC MAN
\$13,450.00	\$15,700.00	\$15,700.00	\$29,052.70	\$47,555.00	\$4,169.00	\$4,169.00	\$7,623.00	\$8,151.99	\$44,705.54	\$3,500.00	\$117,777.00 7/30/1 2320 991	Purc ase Cost Date
\$13,450.00 2/9/20 2320 05	\$15,700.00 10/14/ 2320 2003	\$15,700.00 10/14/ 2320 2003	\$29,052.70 5/21/2 2320 002	\$47,555.00 2/13/2 2320 001	\$4,169.00 2/9/20 2320 00	\$4,169.00 2/9/20 2320 00	\$7,623.00 2/9/20 2320 00	\$8,151.99 5/19/1 2320 998	\$44,705.54 10/26/ 2320 1994	\$3,500.00 2/3/19 2320 93	7/30/1 2320 991	Purch ase Date FSC

9/12/2016 3:17 PM

NASA #	Asset Name	Current Location (Code)	Person ID	Model #	Serial #	FSC MAN	Purc ase Cost Date	Purch ase Date
4465	TRUCK	BLDG 3	ROBERTS	CC15903	1GCEC14X95 Z112017	GM	\$13,450.00 2/9/20 2320 05	2/9/2
5037	TRUCK, PICKUP	FTS	ROBERTS	F250	1FTSW21R69 EA14808	FORD	\$33,800.00 <b>6/26/2 2320</b> 009	6/26 009
5221	TRUCK PICKUP	BLDG 4	ROBERTS	F150	1FTMF1CW8 AKE70045	FORD	\$17,995.00 11/5/2 2320 010	11/5 010
5222	TRUCK PICKUP	BLDG 4	ROBERTS	F150	1FTMF1CWS AKE05461	FORD	\$17,995.00 11/5/2 <b>2320</b> 010	11/5/ 010
5330	TRUCK	BLDG 4	ROBERTS	F150	1FTNF1CFIC KD31429	FORD	\$20,750.00 <i>5/24/</i> 2 <b>232</b> 0 012	5/24/ 012
5579	RECOVERY TRUCK	FTS	ROBERTS	7300 SFA 4X4	3HAWBMMR9 HL754657	INTERNATIO NAL	\$231,413.97 9/12/2 2320 016	9/12/ 016

AMEN	DMENT OF SOLICITATION	ON/MOD	IFICATIO	N OF	CONTR	ACT	1. CO	NTRA	CT ID CODE		PAGE(S) 1 of 3
2. AMENDMEN 25	T/MODIFICATION NO.	3. EFFECTIVE See Blk		4. REC	N/A	PURCH	ASE REQ. N	Ю.	5. PROJEC	T NO.	(If applicable)
6. ISSUED BY NASA					. ADMINIS	TERED	BY (If other	than	item 6)	3020	
Goddar Wallops	d Space Flight Center Flight Facility Island, VA 23337				Same						
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Code)	D ADDRESS OF CONTRACT	OK (///0., 51	reet, county,	State at	a ZIP	()	SA. AMER	ADME	NT OF SOLI	CHAII	IUN NO.
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Greenbelt,	way Center Drive Ste. 70(	)									
Greenben,	MID 201/U						9b. DATE	D (SE	E (TEM 11)		
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CODE:		FACILITY	CODE:			Δ	10B. DATI	ED /\$	EE ITEM 13):		
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X	A. THIS CHANGE ORDER IS ISS CONTRACT ORDER NO. IN ITEM		ANT TO: (Spe	cify auti	ority) THE	CHANG	ES SET FO	RTHI	N ITEM 14 A	RE M	ADE IN THE
	B. THE ABOVE NUMBERED CON office, appropriation date, etc.									h as cl	nanges în payîri
	C. THIS SUPPLEMENTAL AGRE						TY OF:				
X	FAR52.243.2-Changes-Cost-Rein  D. OTHER (Specify type of mo			nati nata.	, IHLU 190	43		-			
	Bilateral - Federal Acquisition		The second secon								
14. DESCR feasible. 1. The pr Payment 2016). Se 2. This n	IANT: Contractor [] is not [X] is IPTION OF AMENDMENT/MOI arpose of this modification (JUN 2014) with NASA For page 2 for the full text of iodification is done at no ad-	is to replace AR Supplines 1852 ditional co	N (Organized because Contract lement (NF 2.232-80. Dost to the G	clause S) 185	ection head e G.7 GS 2,232-80 nent.	ilngs, in FC 52 Subr	2.216-103 mission o	Sul Sul f Vo	on/contract: omission of oucher for	f Vo	uchers for
	ded herein, all terms and conditions of the dec		id in Item 9A or 10/	A, as heret						HOER	/Time on adam
	AND TITLED OF SIGNER (Type or Heath, Director, Contracts	pnnt)					Merritt	UNTF	IACTING OF	HICER	(Type or print)
15B. CONT	RACTOR/OFFEROR	1	15C. DATE SI	,	16BNUNI	TED ST	ATES ORA	P	CA	16C	DATE SIGNED
<	32.9		10/24/3	2016	B. Oubi	Id.	ATT.			1	0/24/2016
(Signature	of person authorized to sign)	1			(Signath	re of Co	intraction O	meer			

Contract NNG15WA53C Modification No. 25 Page 2 of 2

## **BLOCK 14 DESCRIPTION (CONTINUED)**

## G.7 1852:232-80 SUBMISSION OF VOUCHERS FOR PAYMENT (SEP 2016)

- (a) The designated payment office is the NASA Shared Services Center (NSSC) located at FMD Accounts Payable, Bldg. 1111, Jerry Hlass Road, Stennis Space Center, MS 39529.
- (b) Except for classified vouchers, the Contractor shall submit all vouchers electronically using the steps described at NSSC's Vendor Payment information web site at: https://www.nssc.nasa.gov/vendorpayment. Please contact the NSSC Customer Contact Center at 1-877-NSSC123 (1-877-677-2123) with any additional questions or comments.
- (c) Payment requests.
- (1) The payment periods designated in the payment clause(s) contained in this contract will begin on the date a proper request for payment is received by the NSSC payment office specified in paragraph (b) of this section. Vouchers shall be prepared in accordance with the guidance provided by the NSSC at the following
- website: https://answers.nssc.nasa.gov/app/answers/detail/a id/6643.
- (2) Vouchers shall include the items delineated in FAR 32.905(b) supported by relevant back-up documentation. Back-up documentation shall include at a minimum, the following information:
- (i) Breakdown of billed labor costs and associated contractor generated supporting documentation for billed direct labor costs to include rates used and number of hours incurred.
- (ii) Breakdown of billed other direct costs (ODCs) and associated contractor generated supporting documentation for billed ODCs.
- (iii) Indirect rate(s) used to calculate the amount of billed indirect expenses.
- (d) Non-electronic payment. The Contractor may submit a voucher using other than the steps described at NSSC's Vendor Payment information through any of the means described at https://www.nssc.nasa.gov/vendorpayment, if any of the following conditions are met:
- (1) The Contracting Officer administering the contract for payment has determined, in writing, that electronic submission would be unduly burdensome to the Contractor. In such cases, the Contractor shall include a copy of the Contracting Officer's determination with each request for payment when the Governmentwide commercial purchase card is used as the method of payment.
- (2) The contract includes provisions allowing the contractor to submit vouchers using other than the steps prescribed at NSSC's Vender Payment information website. In such instances the Contractor agrees to submit non-electronic payment requests using the method or methods specified in Section G of the contract.
- (e) Improper vouchers. The NSSC Payment Office will notify the contractor of any apparent error, defect, or impropriety in a voucher within seven calendar days of receipt by the NSSC Payment Office. Inquiries regarding requests for payment should be directed to the NSSC as specified in paragraph (b) of this section.
- (f) Other payment clauses. In addition to the requirements of this clause, the Contractor

shall meet the requirements of the appropriate payment clauses in this contract when submitting payment requests.

(g) In the event that amounts are withheld from payment in accordance with provisions of this contract, a separate payment request for the amount withheld will be required before payment for that amount may be made.

(End of clause)

3. No other changes to this contract are made by issuance of this modification.

. AMENDMENT/MODIFICATI 26	ON NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITI		IASE REQ. NO.	5. PROJEC	T NO. (If applicable
ISSUED BY		See Bla Tee			BY (If other that	n item 6)	
NASA					,	•	
Goddard Space Fl	ight Center		Sar	ne			
Wallops Flight Fa	cility		Jai	116			
Wallops Island, V.	A 23337						
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Orbital Sciences Corp	oration						
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TTN: Jeff Heath				1			
500 Greenway Cente	er Drive Ste. 7	700					
Greenbelt, MD 20770							
					9b. DATED (S	EE ITEM 11)	
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ODE:		FACILITY CODE:		<b>⊣</b> ^	10B, DATED	SEE ITEM 13):	
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1	. Revise Article B.4	CONTRACT	<b>FUNDING</b>	(18-52.232-81	(JUN	1990) -	obligate as	follows:
	PR # 4200606849:						J	

CORE:

**FROM** 

BY

<u>TO</u>

\$44,284,916.08

\$4,200,000.00

\$48,484,916.08-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING (No Change)

IDIQ:

**FROM** 

**\$0** 

<u>BY</u> \$0

\$10,728,834.20 BPO IDIQ

- 3. Total obligated by this modification is \$4,200,000.00.
- 4. The period of allotment is from date this contract through December 31, 2016
- 5. No other changes to this contract are made by issuance of this modification.

	MODIFICATION NO.	3. EFFECTIVE DATE	4		ASE REQ. NO.	5. PROJECT	NO. (if applicable
27		See Blk 16c	N/				
6. ISSUED BY NASA			7. ADMII	NISTERED	BY (If other than	n Item 6)	
	l Space Flight Center		İ				
	Flight Facility		Sar	ne			
_	Island, VA 23337						
vv апора	181anu, VA 23331						
8. NAME ANI Code)	D ADDRESS OF CONTRA	CTOR (No., street, count	y, State and ZIP	()	9A. AMENDME	ENT OF SOLICE	TATION NO.
	ences Corporation						
	ervices Division						
ATTN: Jeff							
	way Center Drive Ste.	700					
Greenbelt, I	MD 20770				AL DATED (CI	EC 17510 441	
					9b. DATED (SI		
						G15WA53C	TRACT/ORDER
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CODE:		FACILITY CODE:			,	SEE ITEM 13):	
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specified.	nade by telegram or letter, provided e		R OFFER. If by virtue	of this amend	lment you desire to	change an offer all	ready submitted, such
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X E. IMPORT 14. DESCRII A. The t B. This I Conti	A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, etc.  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-ID. OTHER (Specify type of FAR52.243.2-Changes-Cost-ID. OTHER (Specify type	ATION DATA (If required) 180.53 Total 1 TEM APPLIES ONLY TO DDIFIES THE CONTRACT SISSUED PURSUANT TO: (SITEM 10A. CONTRACT/ORDER IS MODIC.) SET FORTH IN ITEM 14, GREEMENT IS ENTERED IN Reimbursement (AUG 1987) A modification and authority) TATION OF FUNDS is required to sign this docum FICATION (Organized by UCF at value remains unchained) to obligate contract is	Estimated Cos MODIFICATION F/ORDER NO. A Epecify authority) The Estimated Cos MODIFICATION F/ORDER NO. A Epecify authority) The Estimated Cos Extimated Cos MODIFICATION F/ORDER NO. A Epecify authority) The Extinate To REFLECT PURSUANT TO THE Extinate V (APR 1984) Event and return Extending for the Estimated Cos Extimated Extimat	of this amendand this amendand this amendand this amendand this amendand this amendand the second second the change of the chang	AND A CONTRACTS OF SET FORTH INISTRATIVE OF THE CONTRACT SUB- TY OF:  It to be issued off atton/contract sub- TITLE OF CONT	change an offer allived prior to the operations  leffect.	ready submitted, such ening hour and date  E MADE IN THE as changes in pay
X E. IMPORT 14. DESCRII A. The t B. This I Conti	A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED Office, appropriation date, etc.  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-ID. OTHER (Specify type of FAR52.243.2-Changes-Cost-ID. OTHER (Specify type	ATION DATA (If required) 180.53 Total 1 TEM APPLIES ONLY TO DDIFIES THE CONTRACT SISSUED PURSUANT TO: (SITEM 10A. CONTRACT/ORDER IS MODIC.) SET FORTH IN ITEM 14, GREEMENT IS ENTERED IN Reimbursement (AUG 1987) A modification and authority) TATION OF FUNDS is required to sign this docum FICATION (Organized by UCF at value remains unchained) to obligate contract is	Estimated Cos MODIFICATION F/ORDER NO. A Epecify authority) The ESTIMATED TO REFLECT PURSUANT TO THE TO PURSUANT TO THE TO PURSUANT TO THE ESTIMATE V (APR 1984) Bent and return Extended for the Estimated To the Estimated To REFLECT Extended To RE	of this amendand this amendand this amendand this amendand this amendand this amendand the second that the second the second that the second t	Iment you desire to odment, and is received. 803,051.00  NTRACTS/OF LIBED IN ITEM ES SET FORTH  MINISTRATIVE CELTY OF FAR 42.  TY OF:  It to be issued off aution/contract substitution/contract subst	change an offer allived prior to the operations  leffect.  RACTING OFFI	ready submitted, such ening hour and date  E MADE IN THE as changes in pay feasible
X E. IMPORT 14. DESCRII A. The t B. This I Conti	A. THIS CHANGE ORDER IS CONTRACT ORDER NO. IN  B. THE ABOVE NUMBERED office, appropriation date, et  C. THIS SUPPLEMENTAL A FAR52.243.2-Changes-Cost-ID. OTHER (Specify type of FAR52.243.2-Changes-Cost-ID. OTHER (Specify type o	ATION DATA (If required) 180.53 Total 1 TEM APPLIES ONLY TO DDIFIES THE CONTRACT SISSUED PURSUANT TO: (SITEM 10A. CONTRACT/ORDER IS MODIC.) SET FORTH IN ITEM 14, GREEMENT IS ENTERED IN Reimbursement (AUG 1987). A modification and authority) TATION OF FUNDS is required to sign this document referenced in Item 9A or 10A, as a or print)	Estimated Cos MODIFICATION FORDER NO. A Expecify authority) The Estimated Cos MODIFICATION FORDER NO. A Expecify authority) The Expecify authority) The Expecify authority The Expecify	of this amendand this amendand this amendand this amendand this amendand this amendand the second that the second the second that the second t	ATES COMMENTS	change an offer allived prior to the operations  leffect.  RACTING OFFI	ready submitted, such ening hour and date

NSN 7540-01-152-8070

STANDARD FORM 30 (REV. 10-83)

1	. Revise Article B.4	CONTRACT	<b>FUNDING</b>	(18-52.232-81	(JUN	<u> 1990) –</u>	obligate as	follows:
	PR # 4200612022:							

**CORE:** 

**FROM** 

 $\mathbf{BY}$ 

<u>TO</u>

\$48,484,916.08

\$7,033,730.25

\$55,518,646.33-BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING (No Change)

IDIQ:

**FROM** 

\$0

\$10,728,834.20 BPO IDIQ

- 3. Total obligated by this modification is \$7,033,730.25
- 4. The period of allotment is from date this contract through February 28, 2017
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/	MODIFICATI	ON OF CONTRACT		1. CONTRACT ID CODE		PAGE OF	PAGES
2. AMENDMENT/MOD/FICATION NO.	3	EFFECTIVE DATE	A 81	EQUISITION/FURCHASE REQ. NO.		1	2
000028	1	ee Block 16C		0614349	5. PH	OJECT NO.	(If applicable)
ISSUED BY	0000	SFC SFC	7. A	DMINISTERED BY (If other than Item 6)	CODE	WEF	
ASA/Goddard Space Fli allops Flight Facilit allops Island VA 2333	У	er	Wa.	SA/Goddard Space Flight llops Flight Facility llops Island VA 23337-50			
NAME AND ADDRESS OF CONTRACTOR	R (No., airest, cou	nty, State and ZIP Code)	/s. 9	A. AMENDMENT OF SOLICITATION NO.			
CHNICAL SERVICES DIVI	CTOM		(X) °				
bital Sciences Corpor	ation	00	9	B. DATED (SEE ITEM 11)	-		
EENBELT MD 20770-3502			x 1	DA. MODIFICATION OF CONTRACT/ORDER NING 15WA 53C	NO.		
				MGISWAJSC			
DE OCKUA	Tra.		11	OB. DATED (SEE ITEM 13)			
OSKU4		CILITY CODE		11/13/2014			
The above numbered solicitation is amende		11. THIS ITEM ONLY APPLIES TO					
reference to the solicitation and this amend ACCOUNTING AND APPROPRIATION DO DTAL FUNDING: \$66,262, 13. THIS ITEM ONLY APPL	ATA (If required, 680.53	) Net Total Estimated Co	t Ind	2202001		00.00	4.
IEON ON IE							-
ORDER NO. IN ITEM 10A	1000ED FURS	SOART TO: (Specify authority) THE	CHAN	GES SET FORTH IN ITEM 14 ARE MADE IN T	HE CON	ITRACT	
B. THE ABOVE NUMBERED appropriation date, etc.) Si	CONTRACT/OF ET FORTH IN I	RDER IS MODIFIED TO REFLECT FEM 14, PURSUANT TO THE AUT	THE ALL	MINISTRATIVE CHANGES (such as changes of FAR 43.103(b).	în payin <u>g</u>	q affice,	-
C. THIS SUPPLEMENTAL AG	REEMENT IS	ENTERED INTO PURSUANT TO A	UTHOR	ITY OF:			
D. OTHER (Specify type of me							
X FAR 52.232.22 L	IMITATIO	ON OF FUNDS (APR 1	984)				
		s required to sign this document an			g office.		
The total estimated	contrac	nized by UCF section headings, in t value remains u	ncha	odicitation/contract subject matter where feasib nged.	vle.)		
This modification is	issued	to obligate contr	act	funding for the NASA Ba	1100	0000	ations
ntract (NBOC).				Tunding Tot the WADA Ba	11001	n ober	arront2
yment Terms:							
t 30 days							
B: Destination							
cept as provided herein, all terms and condi	tions of the doc	ument referenced in Item 9 A or 10	A, as he	retofore changed, remains unchanged and in fo	ult force :	and effect	
NAME AND TITLE OF SIGNER (Type or	print)		16A,	NAME AND TITLE OF CONTRACTING OFFIC	ER (Typ	e or print)	
CONTRACTOR/OFFEROR		15C. DATE SIGNED	4	UNITED SATES OF AMERICA	_	16C. (	DATE SIGNED
			1	An Ston		01	/24/2017
(Signature of person authorized to sign 7540-01-152-8070)	n)		1	Signature of Contracting Officer)	_		
vious edition unusable						FORM 30 (	(REV. 10-83)

Prescribed by GSA FAR (48 CFR) 53.243 1. Revise Article B.4 CONTRACT FUNDING (18-52.232-81 (JUN 1990) - (No Change):

CORE:

FROM

BY

<u>TO</u>

**\$0** 

\$0

\$55,518,646.33 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING - obligate as follows (PR #4200614349):

IDIQ:

FROM \$10,728,834.20 BY

<u>TO</u>

\$15,200.00

\$10,744,034.20

**BPO IDIQ** 

3. Total obligated by this modification is \$15,200.00

4. The period of allotment is from date this contract through February 28, 2017

5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO.	1 2
000029		4200615471	5. PROJECT NO. (If applicable)
6. ISSUED BY CODE	See Block 16C	7. ADMINISTERED BY (If other than Item 6)	2005
NASA/Goddard Space Flight Ce Wallops Flight Facility Wallops Island VA 23337	7.2.2	NASA/Goddard Space Fligh Wallops Flight Facility Wallops Island VA 23337-	
8 NAME AND ADDRESS OF CONTRACTOR (No., street) FECHNICAL SERVICES DIVISION Orbital Sciences Corporation 7500 GREENWAY CENTER DR STE GREENBELT MD 20770-3502		98. DATED (SEE ITEM 11)  10A. MODIFICATION OF CONTRACT/ORDE NNG1.5WA53C	R NO.
		10B, DATED (SEE ITEM 13)	
CODE OSKU4	FACILITY CODE	11/13/2014	
	11. THIS ITEM ONLY APPLIES T	O AMENDMENTS OF SOLICITATIONS	
CHECK ONE  A. THIS CHANGE ORDER IS ISSUED PORDER NO. IN ITEM 10A.	DDIFICATION OF CONTRACTS/ORD  URSUANT TO: (Specify authority) TO  T/ORDER IS MODIFIED TO REFLECT IN ITEM 14, PURSUANT TO THE ALL	THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE ADMINISTRATIVE CHANGES (such as change UTHORITY OF FAR 43.103(b).	N THE CONTRACT
D. OTHER (Specify type of modification of X FAR 52.232.22 LIMITA)		1004)	
E, IMPORTANT: Confractor Xis not.			
14. DESCRIPTION OF AMENDMENT/MODIFICATION (A. The total estimated contr	ract value remains	including solicitation/contract subject matter where fee unchanged.	esible.)
3. This modification is issue Contract (NBOC). Payment Terms: Net 30 days FOB: Destination	ed to obligate cont	eract funding for the NASA E	Balloon Operations
Except as provided herein, all terms and conditions of the 15A. NAME AND TITLE OF SIGNER (Type or print)	document referenced in Item 9 A or	10A, as heretofore changed, remains unchanged and	
158. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Stephanie B. Bailey  16B. UNITED STATES OF AMERICA	16C, DATE SIGNED
(Signature of person authorized to sign)		(Signature of Contracting Officer)	02/14/2017
NSN 7540-01-152-8070		Taignature or Contracting Officer)	STANDARD FORM 20 (DE) / 40 00)

NSN 7540-01-152-8070 Previous edition unusable STANDARD FORM 30 (REV. 10-83) Prescribed by GSA FAR (48 CFR) 53.243 1. Revise Article B.4 CONTRACT FUNDING (1852.232-81 (JUN 1990) -obligate as follows (PR #4200615471):

CORE:

**FROM** 

\$55,518,646.33

\$4,285.02

\$55,522,931.35 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING - obligate as follows (PR #4200615471):

**IDIQ:** 

**FROM** 

\$10,744,034.20

\$15,000.00

\$10,759,034.20

**BPO IDIQ** 

- 3. Total obligated by this modification is \$19,285.02
- 4. The period of allotment is from date this contract through February 28, 2017
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICIT	ATIC:MODIFICAT	ION OF C	ONTRACT	i. CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDME 30	ENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQU	N/A	ASE REQ. NO.	5. PROJEC	T NO. (If applicable
6. ISSUED B			7	ADMINISTERED	BY (If other than	item 6)	
NASA							
	ard Space Flight Center			Same			
	ps Flight Facility		1				
Wallo	ps Island, VA 23337						
8. NAME A	AND ADDRESS OF CONTR	ACTOR (No., street, cour	nty, State and	ZIP ()	9A. AMENDME	ENT OF SOLIC	CITATION NO.
Code)							
	ciences Corporation						
	l Services Division						
ATTN: Jo				-			
	enway Center Drive Ste	, 700					
Greenbel	t, MD 20770			-	9b. DATED (S	EE ITEM 11)	
				-			NTRACT/ORDER
						G15WA53	
				X			
CODE:		FACILITY CODE:			10B. DATED (	s <i>ee Item 13)</i> -2015	
	. THIS ITEM ONLY APPLIES	TO AMENDMENTS OF	SOLICITATI	ONS	02-01	-2015	
	e numbered solicitation is amended as				le extended fille n	nt evhanded	
specified.	be made by telegram or letter, provided  2. ACCOUNTING AND APPROPE  AL FUNDING: \$66,235  13. THIS  IT N	NATION DATA (if required)	imated Cos	at : \$140,803	,051.00 ONTRACTS/OI	RDERS,	
	A. THIS CHANGE ORDER CONTRACT ORDER NO. I	IS ISSUED PURSUANT TO: N ITEM 10A.	(Specify autho	rity) THE CHANG	ES SET FORTH	IN ITEM 14 AF	RE MADE IN THE
	B. THE ABOVE NUMBERE office, appropriation date,	D CONTRACT/ORDER IS MO etc.) SET FORTH IN ITEM 14	ODIFIED TO RI 4, PURSUANT	EFLECT THE ADI TO THE AUTHO	MINISTRATIVE O RITY OF FAR 42	CHANGES (su 103(b).	ch as changes in pay
	C. THIS SUPPLEMENTAL FAR52.243.2-Changes-Cos	AGREEMENT IS ENTERED t-Reimbursement (AUG 1987)	INTO PURSUA )-Alternate V (A	NT TO AUTHOR PR 1984)	ITY OF:		
X	D. OTHER (Specify type	of modification and authority) ITATION OF FUND					
C IMP	ORTANT: Contractor [X] is not,				s to be issued of	fice.	
	CRIPTION OF AMENDMENT/MO						re feasible
	e total estimated contra			<b>3</b> -,		•	
A. 10	ic form confinence contra						
R Th	nis modification is issued	to de- obligate cont	ract fundii	g for the N	ASA Balloor	Operatio	ns
	ontract (NBOC)			-6		- E	
**********	provided herein, all terms and conditions of th	a days smoot referenced in Item 95 or 10	A: or honolofore chi	need remains unchang	and and in full force on	d effect	
	ME AND TITLED OF SIGNER (T)		, so indigiting CII	16A. NAME AND	TITLE OF CONT	RACTING OF	FICER (Type or prin
				Mintervie	Mauritt		
450 00	ONTRACTOR/OFFEROR	15C DAT	TE SIGNED	Mickey M.	TATES OF AME	RICA	16C.DATE SIGNE
155. 50	MINNOFOROFFEROR	100. DA	· - withing	BK Onglaal sign			
(Signatu	ura of parson authorized to sign)			(Signature of C	Appacting Officer	-	4/11/2017

STANDARD FORM 30 (REV. 10-83)

Contract NNG15WA53C Modification No. 30 Page 2 of 2

1	Daving A41-1. D. 44	CONTROL CON		29/5 -				
ı.	Revise Article B.4	CUNTRACT	<b>FUNDING</b>	(18-52,232-81	LIUN	1990) - 0	hligate as	follows:

CORE: No Change

FROM

 $\mathbf{BY}$ 

TO

\$55,522,931.35 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING De-Obligate 4200569981

IDIQ:

**FROM** 

\$10,759,034.20

-\$46,602.00

\$10,712,432.30 LDSD IDIQ

- 3. Total de-obligated by this modification is- \$46,602.00
- 4. The period of allotment is from date this contract through March 28, 2017
- 5. No other changes to this contract are made by issuance of this modification.

AMEN	DMENT OF SOLICITATI	/MODII	FICATIO	N OF	CONTRA	ACT	1. CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDMEN 31		3. EFFECTIVE See Blk 10		4. RI	QUISITION/F N/A	PURCH	ASE REQ. NO.	5. PROJECT N	IO. (if applicable
6. ISSUED BY					7. ADMINIST	TERED I	BY (If other than	item 6)	
NASA	10								
	d Space Flight Center				Same				
_	s Flight Facility								
Wallop	s Island, VA 23337			Į					
8. NAME AN	ND ADDRESS OF CONTRACTO	OR (No., str	eet, county,	State	and ZIP	()	9A. AMENDME	NT OF SOLICITA	ATION NO.
Orbital Sc	iences Corporation								
Technical	Services Division								
ATTN: Jet	f Heath								
7500 Green	nway Center Drive Ste. 700								
Greenbelt,	MD 20770								
							9b. DATED (SE		
						x		ATION OF CONT G15WA53C	RACT/ORDER
CODE:		FACILITY	CODE:				10B. DATED (S	SEE ITEM 13):	
							02-01-	2015	
	THIS ITEM ONLY APPLIES TO A numbered solicitation is amended as set forth								
PRIOR TO THe change may be specified.  12.	e solicitation and amendment numbers. FAIL E HOUR AND DATA SPECIFIED MAY RESU e made by telegram or letter, provided each to ACCOUNTING AND APPROPRIATION L FUNDING: \$70,674,617.	ULT IN REJECT elegram or letter N DATA (If re- 88 Tot	ION OF YOUR makes reference quired) tal Estima	offer. te to the	If by virtue of the solicitation and the solicitati	is amend this amen 0,803,	iment you desire to idment, and is received.	change an offer aire ved prior to the oper	adv submitted, auch
							UBED IN ITEM		
	A. THIS CHANGE ORDER IS ISSECONTRACT ORDER NO. IN ITEM		ANT TO: (Sp	ecify au	thority) THE C	CHANGE	S SET FORTH	N ITEM 14 ARE	MADE IN THE
	B. THE ABOVE NUMBERED CON office, appropriation date, etc.) S	NTRACT/ORD SET FORTH IN	ER IS MODIF NITEM 14, PU	JRSUA	REFLECT T NT TO THE A	HE ADN	AINISTRATIVE C RITY OF FAR 42.	HANGES (such a 103(b).	as changes in pay
***	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Reim	bursement (A	UG 1987)-Alt				TY OF:		
X	D. OTHER (Specify type of mod FAR52.232.22 LIMITA)			(A DD	109/				
E IMPO	RTANT: Contractor [X] is not, [ ] is not					conies	s to be issued offi	ce.	
	RIPTION OF AMENDMENT/MODIFICA								sastble
	total estimated contract va								
	s modification is issued to outract (NBOC)	bligate co	ntract fu	nding	for the N	NASA	Balloon Op	erations	
Except as pro	vided herein, all terms and conditions of the docume	ent referenced in It	em 9A or 10A, as	heretofore	changed, remain:	s unchange	ed and in full force and	effect.	ER (Type or prin
15A. NAM	E AND TITLED OF SIGNER (Type or	pnny				ey <b>W</b> N		NACTING OFFIC	EK (Type or prin
15B. CON	TRACTOR/OFFEROR		15C. DATE S	IGNED		TED 6	ATES ON AMER	non	16C.DATE SIGNE 5/15/2017
(Signature	of person authorized to sign)				(Signatur	re of Co	making Officer)	1,	WI I WAVI I
	7540-01-152-8070	-					STANDARD	FORM 30 (REV.	10-83)

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate 420062632 as follows:

CORE: No Change

 FROM
 BY
 TO

 \$55,522,931.35
 \$2,204,754.33
 \$57,727,685.68 BPO Support

 \$57,727,685.68
 \$2,200,000.00
 \$59,927,685.68 BPO Support Aircraft

2. Revise B.6 CPFF TASK ORDER FUNDING- Obligate 4200626032

DIQ:

FROM 810,712,432.20 BY \$34,500.00 \$10,746,932.20 IDIQ-Task 12

- 3. Total obligated by this modification is \$4,439,254.33
- 4. The period of allotment is from date this contract through July 31, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITATI	MODIFICATIO	N OF CONTR	RACT	1. CONTRA	CT ID CODE	PAGE(S)
32	ENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION N/A	PURCH	ASE REQ. NO.	6. PROJECT N	NO. (If applicable
6. ISSUED B	•		7. ADMINIS	STERED	BY (if other than	item 6)	
- :	ard Space Flight Center						
	ps Flight Facility		Same	•			
	ps Island, VA 23337						
8. NAME A	AND ADDRESS OF CONTRACT	OR (No street county	State and 71D	()	GA AMENDME	NT OF SOLICITA	ATION NO
Code)		OTT (1.100) OST DESIGN CONTERPY	Dime him Til.	()	ON PINEIRE	W 01 30210117	THOM NO.
	ciences Corporation						
ATTN: J	Services Division						
	en meath enway Center Drive Ste. 700	n					
	t, MD 20770	U					
Greenber	t, 1111 20770				9b. DATED (SE	E ITEM 44)	
						TION OF CONT	DACTIONED
				x		15WA53C	CACHORDER
CODE:		FACILITY CODE:			10B. DATED (S. 02-01-2		
11.	THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SO	LICITATIONS				
	e numbered solicitation is amended as set fort cknowledge receipt of this amendment prior to copies of the amendment; (b) By solicit						
specified.	HE HOUR AND DATA SPECIFIED MAY RESPONDED MAY RESPOND THE MAY R	N DATA (If required)	ted Cost: \$140	0,803,0	051.00	DERS.	ng hour and date
	A. THIS CHANGE ORDER IS ISS CONTRACT ORDER NO. IN ITEM	UED PURSUANT TO: (Spe					IADE IN THE
-	B. THE ABOVE NUMBERED CON		ED TO BEE! ECT T	HE ADM	MICTRATINE CL	ANCER (much as	- L
	office, appropriation date, etc.)	EL FORTH IN HEM 14, PU	RSUANT TO THE A	UTHOR	TY OF FAR 42.10	ANGES (Such as )3(b).	changes in payi
	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Reim	EMENT IS ENTERED INTO bursement (AUG 1987)-Alte	PURSUANT TO AU	THORIT	Y OF:		- 1
X	D. OTHER (Specify type of mod FAR52.232.22 LIMITA)	ification and authority)					
E. IMPO	RTANT: Contractor [X] is not, [ ] is re			conies	to be issued office		
14. DESCI	RIPTION OF AMENDMENT/MODIFICA total estimated contract va	TION (Organized by UCF sect	tion headings, includin	ng solicita	tion/contract subject	ct mater where fea	sible.
B. This Con	s modification is issued to outract (NBOC)  wided herein, all terms and conditions of the docume E AND TITLED OF SIGNER (Type or p	bligate contract fun	nding for the N	unchanged	and in full force and eff	fect.	
		any			TLE OF CONTRA	acting office	K (1 ypė or prini
15B. CON	TRACTOR/OFFEROR	15C, DATE SIG		y M. M			
	rerewithitytt	130, DATE SI	BY Origin	al same	by AMERIC	A 16	C.DATE SIGNE
(Signature	of person authorized to sign)		(Signature	26C236	acting Officer	)	6/14/2017

Contract NNG15WA53C Modification No. 32 Page 2 of 2

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate 4200629235 as follows:

**CORE:** 

**FROM** 

 $\mathbf{BY}$ 

TO

\$ 59,927,685.68

\$5,000,000.00

\$64,927,685.68 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING-

IDIQ: NO Change

- 3. Total obligated by this modification is \$5,000,000.00
- 4. The period of allotment is from date this contract through August 31, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AMEN	DMENT OF SOLICITATE	JOM\.	DIFICATION	N OF	CONTR	ACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMEN 33	NT/MODIFICATION NO.	3. EFFECT See Blk		4. RE	QUISITION/I	PURCH	ASE REQ. NO.	5. PROJECT	NO. (If applicable
6. ISSUED BY					7. ADMINIST	TERED	BY (If other than	Item 6)	
NASA									
	rd Space Flight Center				Same				
Wallop	s Flight Facility				Gaine				
Wallop	s Island, VA 23337								
8. NAME AT	ND ADDRESS OF CONTRACT	OR (No., 8	street, county,	State a	nd ZIP	()	9A. AMENDME	NT OF SOLICI	FATION NO.
	iences Corporation								
	Services Division								
ATTN: Je									
	nway Center Drive Ste. 700	n							
	MD 20770	U							
Greenben,	VID 20770						9b. DATED (SE	E ITEM 441	
								115WA53C	TRACT/ORDER
						X	NO: INING	715 W A55C	,
CODE:		FACILIT	Y CODE:				10B. DATED (S		
							02-01-	2015	
	THIS ITEM ONLY APPLIES TO a numbered solicitation is amended as set fort								
PRIOR TO THI change may be specified.	copies of the amendment, (b) By acia solicitation and amendment numbers. FAII E HOUR AND DATA SPECIFIED MAY RES a made by telegram or letter, provided each the ACCOUNTING AND APPROPRIATION.	LURE OF YOU ULT IN REJEC Blegram or let	JR ACKNOWLEDO CTION OF YOUR ( for makes reference	SEMENT OFFER. I	TO BE RECE! I by virtue of th	VED AT 1 vis amend	THE PLACE DESIG	NATED FOR THE	RECEIPT OF OFFE
	L FUNDING: \$79,774,617.	_	otal Estima	ted C	ost : \$140	),803,0	051.00		
	13. THIS ITEN	APPLIES	CONTRACT/	ODIFIC	CATIONS (	OF CO	NTRACTS/OR IBED IN ITEM	DERS, 14.	
	A. THIS CHANGE ORDER IS ISS	UED PURS	UANT TO: (Spe	cify auth	ority) THE C	HANGE	S SET FORTH II	N ITEM 14 ARE	MADE IN THE
	CONTRACT ORDER NO. IN ITEM			-					
	B. THE ABOVE NUMBERED COI office, appropriation date, etc.) §								as changes in pay
	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Reim	EMENT IS	ENTERED INTO	PURSU	JANT TO AU (APR 1984)	THORIT	TY OF:	-	
X	D. OTHER (Specify type of mod FAR52.232.22 LIMITA	lification and	authority)						
E IMPOR	RTANT: Contractor [X] is not, [ ] is n					conlec	to be incomed affer		
	RIPTION OF AMENDMENT/MODIFICA						to be issued offic		Secolible .
	total estimated contract va				urgs, unrugin	ry sonera	anomicourisci subl	act mater where i	easidie
The Property	3160 41 - 1 1 1 1 1 1 1	1.15		1.0	0 4 87		W II - 0		
	modification is issued to	obligate e	contract Iun	laing	ior the N	ASA.	Balloon Ope	erations	
Con	tract (NBOC)								
	ided herein, all terms and conditions of the docume E AND TITLED OF SIGNER (Type or		item 9A or 10A, as h	eretofore c					SED CE
two manife	and the or anathralishe or	printy				1		IING UTFR	CER (Type or prin
15B, CON1	TRACTOR/OFFEROR		15C, DATE SI	GNED		YED ST	ATES OF AMERI	CA. T	16C.DATE SIGNE
					BY Origin				
(Signature	of person authorized to sign)				(Signature	e of Con	tracting Officer)	70	7/13/2017
							The state of the s		

Contract NNG15WA53C Modification No. 33 Page 2 of 2

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate 4200631626 as follows:

CORE:

**FROM** 

BY

<u>TO</u>

\$64,927,685.68

\$4,100,000.00

\$69,027,685.68 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING-

IDIQ: NO Change

- 3. Total obligated by this modification is \$4,100,000.00
- 4. The period of allotment is from date this contract through September 30, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AMEN	IDMENT OF SOLICITAT	IC. MOI	DIFICATIO	N OF	CONTR	ACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMEI 34	NT/MODIFICATION NO.	3. EFFECT See Blk		4. RI	QUISITION/ N/A	PURCH	IASE REQ. NO.	5. PROJECT N	O. (If applicable
6. ISSUED BY					7. ADMINIS	TERED	BY (if other than	Item 6)	
NASA									
	rd Space Flight Center				Same				
Wallop	s Flight Facility								
Wallop	s Island, VA 23337								
8. NAME AI	ND ADDRESS OF CONTRAC	TOR (No.,	street, county,	State (	and ZIP	()	9A. AMENDME	NT OF SOLICITA	TION NO.
	iences Corporation								
	Services Division								
ATTN: Je									
		10							
	nway Center Drive Ste. 70	JU							
Greenbeit	, MD 20770								
							9b. DATED (SE		
						X	I .	TION OF CONTR 15WA53C	ACT/ORDER
CODE:		FACILIT	Y CODE:				10B. DATED (S		
11.1	THIS ITEM ONLY APPLIES TO	AMENDM	ENTS OF SOL	LICITA	TIONS		02 01	2015	
[ ] The above	numbered solicitation is amended as set fo	rth in Item 14.	The hour and date	specified	for receipt of O	ffers [ ]	is extended, [ ] is no	t extended.	
specified.	E HOUR AND DATA SPECIFIED MAY RE made by telegram or letter, provided each ACCOUNTING AND APPROPRIATI L FUNDING: \$82,096,514	ON DATA (If	ler makės referenc	e to the s	oficitation and t	his amei	ndment, and is receiv	hange an offer alrea ed prior to the openi	dy submitted, such ng hour and date
	13. THIS ITE IT MOD	M APPLIES IFIES THE	SONLY TO M	ODIFI	CATIONS ( R NO. AS D	OF CO	NTRACTS/OR	DERS, 14.	
-	A. THIS CHANGE ORDER IS IS CONTRACT ORDER NO. IN ITE	SUED PURS M 10A.	UANT TO: (Spe	cify aut	hority) THE C	HANG	ES SET FORTH IN	NITEM 14 ARE M	ADE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/OF SET FORTH	RDER IS MODIFI IN ITEM 14, PU	IED TO	REFLECT TI	HE ADA	MINISTRATIVE CH RITY OF FAR 42.1	ANGES (such as 03(b).	changes in payi
	C. THIS SUPPLEMENTAL AGE FAR52.243.2-Changes-Cost-Rei	mbursement	(AUG 1987)-Alte	PURS	UANT TO AU (APR 1984)	THORI	TY OF:		
X	D. OTHER (Specify type of mo FAR52.232.22 LIMITA			APR	1984)				
E. IMPOR	RTANT: Contractor [X] is not, [ ] is	required to si	gn this documen	nt and re	tum		to be issued offic		
	RIPTION OF AMENDMENT/MODIFIC				tings, includin	g solich	ation/contract subje	ect mater where fea	sible
A. The	total estimated contract v	alue rema	ains unchan	ged.					
	modification is issued to	obligate o	contract fur	iding	for the N	ASA	Balloon Ope	rations	
Con	tract (NBOC)								
Except as prov	ided herein, all terms and conditions of the docum	nent referenced in	item 9A or 10A, as h	eretofore d	hanged, remains	unchange	d and in full force and a	ffect.	
15A. NAME	E AND TITLED OF SIGNER (Type of	r print)			16A. NAMI	E AND	FITLE OF CONTR	ACTING OFFICE	R (Type or prin:
					Micke	N M N	/erritt		
15B. CONT	TRACTOR/OFFEROR		15C. DATE SI	GNED	16B. UNI	TEQ ST	ATES OF AMERI	CA 16	C.DATE SIGNE
/Signature	of narson puthorized to sign)				By Origin				9/11/17

Contract NNG15WA53C Modification No. 34 Page 2 of 2

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate 420063881 as follows:

CORE:

**FROM** 

<u>BY</u>

<u>TO</u>

\$69,027,685.68

\$2,321,896.56

\$71,349,582.24 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING-

IDIQ: NO Change

- 3. Total obligated by this modification is \$2,321,896.56
- 4. The period of allotment is from date this contract through November 1, 2017.
- 5. No other changes to this contract are made by issuance of this modification.
- 5. No other changes to this contract are made by issuance of this modification.

AMI	ENDMENT OF SOLICITAT	IOI JODIFICATIO	N OF CONT	RACT	CONTRA	CT ID CODE	PAGE(S)
35	MENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION		ASE REQ. NO.	5. PROJECT I	1 of 2 NO. (If applicab
6. ISSUED			7. ADMINIS	STERED	BY (If other than	Item 61	
NAS.					, and a second contract	100111 0)	
	dard Space Flight Center ops Flight Facility		Same	<b>e</b>			
	ops Island, VA 23337						
***************************************	ops island, VA 2555/						
_vuej	AND ADDRESS OF CONTRAC	TOR (No., street, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICITA	ATION NO.
Orbital S	Sciences Corporation						
	al Services Division			1			
	Jeff Heath						
boombol	eenway Center Drive Ste. 70 lt, MD 20770	0					
areen de	at, MD 20770						
					9b. DATED (SE	•	
					10A. MODIFICA	TION OF CONTE	ACT/ORDER
ODE:				X	NO: NNG	15WA53C	
ODE:		FACILITY CODE:			10B. DATED (SE		
11	. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF CO.	IOTT FOR IN		02-01-2	2015	
[ ] The abov	re numbered solicitation is amended as set for	th in Item 14. The hour and date a	ICHATIONS				
12	be made by telegram or letter, provided each to the made by telegram or letter, provided each to the telegram of letter, provided each to the telegram or letter	N DATA (If required) 44 Total Estimat I APPLIES ONLY TO MO FIES THE CONTRACT/O	ted Cost : \$140 DDIFICATIONS OF RDER NO. AS D	0,803,0 OF CON DESCRI	51.00 ITRACTS/ORD BED IN ITEM 1	ERS, 4.	
	THE STATE OF THE S	i iva.					
	B. THE ABOVE NUMBERED CON office, appropriation date, etc.) S	- The state of the	MOONIN TO THE AL	UTHORI	IY OF FAR 42.103	NGES (such as 3(b).	changes in payı
	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Reim	EMENT IS ENTERED INTO I bursement (AUG 1987)-Alter	PURSUANT TO AU	THORIT	Y OF:		
X	U. OTHER (Specify type of modi	ification and authority)					
E IMPO	FAR52.232.22 LIMITA	TION OF FUNDS (A	PR 1984)				
14 DESC	RTANT: Contractor [X] is not, [ ] is re	quired to sign this document	and return	copies t	o be issued office.		
A The	RIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF section	on headings, including	g solicitati	ion/contract subject	mater where feasi	ible
A. Inc	e total estimated contract val	iue remains unchang	ged.				
B. This	s modification is issued to o	bligate contract fund	ling for the Na	ASA B	alloon Opera	ations	
COL	ntract (NBOC)						
F4i25							
15A. NAM	ovided herein, all terms and conditions of the document E AND TITLED OF SIGNER (Type or p	tt referenced in Item 9A or 10A, as here rint)	etofore changed, remains u	AND TIT	ind in full force and effect LE OF CONTRAC	t. CTING OFFICER	(Type or prin:
15B. CON	TRACTOR/OFFEROR	15C. DATE SIGI	NED 16B. WITT	M Me	BS OF AMERICA	16C	DATE SIGNE
(Signature	of person authorized to sign)		1	11-11	M Vi	7 10	/18/2017
	7540-01-152-8070		(Signature	of Conta	cting Shicer)		
• •					A		

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> – obligate 4200643775 as follows:

CORE:

**FROM** 

 $\mathbf{BY}$ 

TO

\$71,349,582.24

\$4,714,572.69

\$76,064,154.93 BPO Support

2. Revise B.6 CPFF TASK ORDER FUNDING- 4200643775

**FROM** 

BY

TO

\$10,746,932.20

\$1,285,427.31

\$12,032,359.51

**BPO IDIQ** 

- 3. Total obligated by this modification is \$6,000,000.00
- 4. The period of allotment is from date this contract through December 8, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITAT	IO MODI	FICATIO	N OF CONTE	RACT	. CONTRA	CT ID CODE	PAGE(S) 1 of 2
2. AMENDM 36	ENT/MODIFICATION NO.	3. EFFECTIV See Blk 1		4. REQUISITION N/A		HASE REQ. NO.	5. PROJECT N	IO. (If applicable
6. ISSUED B		,		7. ADMINIS	STEREC	BY (If other than	Item 6)	
	ard Space Flight Center			1				
	ps Flight Facility			Same	e			
	ps Island, VA 23337							
				1				
8. NAME A	AND ADDRESS OF CONTRAC	TOR (No., str	eet, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICITA	ATION NO.
Orbital S	ciences Corporation							
	l Services Division							
ATTN: J	•							
	enway Center Drive Ste. 70	Ю			1			
Greenbel	t, MD 20770							
						9b. DATED (SE		
					x		TION OF CONTI	RACT/ORDER
CODE:		FACILITY	CODE:		1	10B. DATED (S		
	THIS ITEM ONLY APPLIES TO				-			
[ ] The above	e numbered solicitation is amended as set for	th in Item 14. The	hour and date s	pecified for receipt of (	Offers [ ]	is extended. [ ] is not	extended.	
specified.	HE HOUR AND DATA SPECIFIED MAY RES the made by telegram or letter, provided each  ACCOUNTING AND APPROPRIATION  AL FUNDING: \$88,396,514  13. THIS ITEM  IT MODIL	ON DATA (If rec	quired) al Estimat	ted Cost: \$14  ODIFICATIONS  ORDER NO. AS I	0,803,	051.00 NTRACTS/ORI	DERS.	dy submitted, suching hour and date
	A. THIS CHANGE ORDER IS ISS							
	CONTRACT ORDER NO. IN ITE	M 10A.	M TO. (Oper	ony authority) THE C	PUVIAGI	ES SET FORTH IN	IIIEM 14 AKE M	ADE IN THE
	B. THE ABOVE NUMBERED CO	NTRACT/ORDE	R IS MODIFI	ED TO REFLECT T	HE ADM	MINISTRATIVE CH	ANGES (such as	changes in navi
	office, appropriation date, etc.)	SET FORTH IN	ITEM 14, PUR	RSUANT TO THE A	NUTHOR	RITY OF FAR 42.10	)3(b).	andigoo iii payi
	C. THIS SUPPLEMENTAL AGRI	EEMENT IS EN	TERED INTO	PURSUANT TO AL	UTHORI	TY OF:		
X	FAR52.243.2-Changes-Cost-Rein  D. OTHER (Specify type of mod	dification and au	ithority)	mate V (APR 1984)				
	FAR52.232.22 LIMITA			APR 1984)				
E. IMPO	RTANT: Contractor [X] is not, [ ] is r	equired to sign	this document	and return	copies	to be issued office	3.	
14. DESC	RIPTION OF AMENDMENT/MODIFIC	ATION (Organize	ed by UCF secti	ion headings, includir	ng solicit	ation/contract subje	ct mater where fea:	sible.,
A. The	total estimated contract ve	ilue remain	s unchan	ged.				
D Thi	s modification is issued to	. 1. 11 4		T1 0 (1 %)				
D. The	s modification is issued to outract (NBOC)	obligate col	itract iun	ding for the N	IASA	Balloon Ope	rations	
CUI	inaci (11boc)							
Except as pro	wirlard herein all terms and reputitions of the decum	ant referenced in the	- 04 404 h		V. mayara saa			
15A. NAM	vided herein, all terms and conditions of the docume E AND TITLED OF SIGNER (Type or	print)	TO A OF TUA, AS THE	16A. NAM	E AND T	d and in full force and ef	ect. ACTING OFFICE	R (Type or prin:
				1.5	1	5		- Cate - as letter
15B. CON	TRACTOR/OFFEROR	1.	5C. DATE SIG	The second secon	SED ST	ATES OF MMERIN	M 140	C DATE SIGNS
		,			BIBBB		13	C.DATE SIGNE
(Signature	of person authorized to sign)			(Signature	e of Con	tracting Officer)	7	11/15/2017

Contract NNG15WA53C Modification No. 36 Page 2 of 2

1. Revise Article B.4 CO follows:	NTRACT FUNDING (18	8-52.232-81 (JUN 1	990) – obligate 4200646632 as
CORE:			
FROM	<u>BY</u>	<u>TO</u>	
\$ 76,064,154.93	\$300,000.00	\$76,364,154.93	BPO Support- Aircraft
2. Revise B.6 CPFF TASI	K ORDER FUNDING-		
<u>FROM</u>	<u>BY</u>	<u>TO</u>	
No Change			

- 3. Total obligated by this modification is \$300,000.00
- 4. The period of allotment is from date this contract through December 8, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

**END MODIFICATION NO. 36** 

0.

AMEN	DMENT OF SOLICITATI	'MODIFICATIO	N OF CONTE	RACT	1. CONTRA	CT ID CODE	PAGE(S)
37	T/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION N/A		SE REQ. NO.	5. PROJECT N	
6. ISSUED BY NASA			7. ADMINIS	STERED B	Y (If other than	Item 6)	
	d Space Flight Center						
	s Flight Facility		Same	€			
	s Island, VA 23337						
Code)	ID ADDRESS OF CONTRACT	OR (No., street, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICITA	TION NO.
	ences Corporation						
	Services Division			1			
ATTN: Jef				1 1			
Greenbelt,	way Center Drive Ste. 700	)		1 1			
Greenbell,	WID 20 / /U						
					9b. DATED (SE		
						TION OF CONTR	ACT/ORDER
CODE:		EACH PROCESS		] x			
JODE.		FACILITY CODE:			10B. DATED (S	*	
11.7	HIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS		02-01-2	2015	
[ ] The above n	umbered solicitation is amended as set forti	in Item 14. The hour and date :	specified for receipt of (	Offers [ ] is a	extended, [ ] is not	extended.	
change may be specified.	copies of the amendment; (b) By ack solicitation and amendment numbers. FAIL HOUR AND DATA SPECIFIED MAY RESI made by telegram or letter, provided each to ACCOUNTING AND APPROPRIATION FUNDING: \$88,396,514.	ILT IN REJECTION OF YOUR ( plegram or letter makes reference  N DATA (If required)	operation in the receipt of the solicitation and ted Cost: \$14	his amendmenthis a	IE PLACE DESIGN ent you desire to cl nent, and is receive	NATED FOR THE RE nange an offer alread ed prior to the openin	ECEIPT OF OFFEI
	A. THIS CHANGE ORDER IS ISSI CONTRACT ORDER NO. IN ITEM	110A.	city authority) THE (	PHANGES	SET FORTH IN	ITTEM 14 ARE M	ADE IN THE
	B. THE ABOVE NUMBERED CON office, appropriation date, etc.) S	EI FORTH IN HEM 14, PU	RSUANT TO THE A	UTHORIT	Y OF FAR 42.10	ANGES (such as	changes in payi
	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Reim	EMENT IS ENTERED INTO	PURSUANT TO AL	THORITY	OF:		
X	D. OTHER (Specify type of modi	fication and authority)	mate v (APK 1984)				
	FAR52.232.22 LIMITA	TION OF FUNDS (	APR 1984)				
E. IMPOR	TANT: Contractor [X] is not, [ ] is re	quired to sign this document	and return	coples to	be issued office		
A. The t	PTION OF AMENDMENT/MODIFICA otal estimated contract val	TION <i>(Organized by UCF sect</i> lue remains unchan	ion headings, includinged.	ng solicitatie	on/contract subjec	ct mater where feas	ible
Cont  Except as provid	modification is issued to de ract (NBOC)  ed herein, all terms and conditions of the document	nt referenced in Itam 9.A.cr 10.A. as be	relofore changed, remains	unchanged a	nd in full force and eff		l (Type or prin:
			Micke	y W Me	ritet		
15B. CONTI	RACTOR/OFFEROR	15C. DATE SIG	SNED 168. UNI	TED STAT	ES OF AMERIC	160	DATE SIGNE
(Signature o	f person authorized to sign)			al signed	cting Officer)	1	1/22/2017
	540 04 452 9070		Leaguarde	- Corne	Auri Auren		

1. Revise Article B.4 <u>CC</u> follows:	ONTRACT FUNDING (1	8-52.232-81 (JUN 19	<u>90)</u> –de obligate 4200646632 as
CORE:			
FROM	<u>BY</u>	<u>TO</u>	
\$ 76,064,154.93	- \$300,000.00	\$76,064,154.93	BPO Support- Aircraft
2. Revise B.6 CPFF TAS	SK ORDER FUNDING-		
FROM	$\underline{\mathbf{BY}}$	<u>TO</u>	
No Change			

- 3. Total deobligated by this modification is \$300,000.00
- 4. The period of allotment is from date this contract through December 8, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITAT	MODIFICATION	N OF CON	TRACT	1. CONTRA	CT ID CODE	PAGE(S) 1 of 2
38	ENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c		ION/PURC	HASE REQ. NO.	5. PROJECT N	O. (If applicable
NASA			7. ADM	INISTERE	BY (If other than	Item 6)	
	ard Space Flight Center						
	ps Flight Facility		Sa	me			
	ps Island, VA 23337						
DIA DEE	AND ADDRESS OF THE						
. NANIE <i>i</i> <i>Code)</i>	AND ADDRESS OF CONTRAC	FOR (No., street, county,	State and ZIP	()	9A. AMENDME	NT OF SOLICITA	TION NO.
,	Sciences Corporation						
	l Services Division						
	eff Heath						
	enway Center Drive Ste. 70	0					
Freenbel	lt, MD 20770						
					9b. DATED (SE	•	
						TION OF CONTI	RACT/ORDER
00#	in .			X	NO: NING	15WA53C	
ODE:		FACILITY CODE:	FACILITY CODE:			EE ITEM 13):	
11	. THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS	02-01-2015			
[ ] The abov	re numbered solicitation is amended as set for	th in Item 14. The hour and date s	pecified for receipt	of Offers [ ]	is extended [ 1 is not	t extended	
TOTA	AL FUNDING: \$88,396,514 13. THIS ITEN IT MODI	.44 Total Estimated Applies Only TO Moreover The Contract/Contract	DDIFICATION	IS OF CO	NTRACTS/ORI	DERS, 14.	
	A. THIS CHANGE ORDER IS ISS CONTRACT ORDER NO. IN ITE	SUED PURSUANT TO: (Spec of 10A.	aify authority) Th	E CHANG	ES SET FORTH IN	ITEM 14 ARE M	ADE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/ORDER IS MODIFII SET FORTH IN ITEM 14, PUR	ED TO REFLEC	T THE ADI	MINISTRATIVE CH	IANGES (such as 03(b).	changes in payi
	C. THIS SUPPLEMENTAL AGRI FAR52.243.2-Changes-Cost-Rein	ibursement (AUG 1987)-Alter	PURSUANT TO	AUTHORI 84)	TY OF:		
X	D. OTHER (Specify type of mod		TT 400 Å				
E. IMPO	FAR52.232.22 LIMITA  PRTANT: Contractor [X] is not, [ ] is r						
14. DESC	CRIPTION OF AMENDMENT/MODIFIC	TION (Organized by UCE seed)	and return	copies	to be issued office	9.	
A. The	e total estimated contract va	lue remains unchan-	on neadings, mci. red	uwng soncn	atton/contract subje	ct mater where fea	sible
			504.				
B. Thi		Li-44 4 C	ding for the	NASA	Balloon One		
Cor	is modification is issued to (	odugate contract fun	mins for sum			rations	
	is modification is issued to outract (NBOC)	odugate contract fun-	ung tor the	1111011	Dunoon Ope	rations	
	is modification is issued to on the contract (NBOC)	odugate contract tun	uing for the	7112022	manoon Ope	rations	
Except as pro	ntract (NBOC)  Evided herein, all terms and conditions of the documents	int referenced in Item 9A or 10A, as hei	retofore changed, rem	nains unchangs	id and in full force and ef	fect,	
Except as pro	ntract (NBOC)	int referenced in Item 9A or 10A, as hei	retofore changed, rem	nains unchangs		fect,	R (Type or prim
15A. NAW	ntract (NBOC)  ovided herein, all terms and conditions of the documents of	int referenced in Item 9A or 10A, as hei	retofore changed, rem	nains unchangs	id and in full force and ef	fect,	R (Type or prim
15A. NAW	ntract (NBOC)  Evided herein, all terms and conditions of the documents	int referenced in Item 9A or 10A, as hei	retofore changed, rem  16A. No  Mic	neins unchange AME AND C CKEY M. IN JUITED T	ed and in full force and ef	fect, ACTING OFFICE	R (Type or prim C.DATE SIGNE
15B. CON	ntract (NBOC)  ovided herein, all terms and conditions of the docum  E AND TITLED OF SIGNER (Type or  ITRACTOR/OFFEROR	int referenced in Item 9A or 10A, as her <b>print)</b>	retofore changed, rem 16A. No Mili	AME AND CKEY M. IN	ed and in full force and ef TITLE OF CONTRA TOTALE OF CONTRA TOTALES OF AVIENCE TOTALES OF AVIENCE	ACTING OFFICE	
15B. CON	ntract (NBOC)  ovided herein, all terms and conditions of the documents of	int referenced in Item 9A or 10A, as her <b>print)</b>	retofore changed, rem 16A. No Mili	AME AND CKEY M. IN	ed and in full force and ef TITLE OF CONTRO PETRITE A LES OF AVIERO D	ACTING OFFICE	C.DATE SIGNE 2/5/2017

1. Revise Article B.4	CONTRACT FUNDING	(18-52.232-81 (	JUN 1990)	obligate 4200647652 as
follows:				

**CORE:** 

<u>FROM</u>

<u>BY</u>

<u>TO</u>

\$ 76,064,154.93

\$300,000.00

\$76,364,154.93 BPO Support- Aircraft

2. Revise B.6 CPFF TASK ORDER FUNDING-

**FROM** 

<u>BY</u>

<u>TO</u>

No Change

- 3. Total obligated by this modification is \$300,000.00
- 4. The period of allotment is from date this contract through December 8, 2017.
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLIC		ION OF COI	NTRACT	1. CONTR	ACT ID CODE	PAGE(S) 1 of 2
2. AMENDMENT/MODIFICATION NO. 39	3. EFFECTIVE DATE See Blk 16c	1	TION/PURCHAS N/A	SE REQ. NO.	5. PROJECT NO	. (If applicabl
6. ISSUED BY NASA		7. ADI	MINISTERED B	Y (If other than	n Item 6)	
Goddard Space Flight Cen	atom.					
Wallops Flight Facility	iter	Sa	ame			
Wallops Island, VA 2333	7					
Wanopo Island, VA 2555	,					
8. NAME AND ADDRESS OF CON Code)	TRACTOR (No., street, coun	ity, State and ZI	P ()	9A. AMENDME	ENT OF SOLICITAT	ION NO.
<b>Orbital Sciences Corporation</b>						
Fechnical Services Division	•					
ATTN: Jeff Heath						
7500 Greenway Center Drive	Ste. 700					
Greenbelt, MD 20770					*)	
				9b. DATED (SI		
					ATION OF CONTRA	CT/ORDER
			X	NO: ININ	G15WA53C	
CODE:	FACILITY CODE:			,	SEE ITEM 13):	
44 TINO ITEM ON WARRING			×	02-01	-2015	
[ ] The above numbered solicitation is amende	IES TO AMENDMENTS OF S					
A. THIS CHANGE ORD CONTRACT ORDER NO.  B. THE ABOVE NUMBER Office, appropriation december 1.	HIS ITEM APPLIES ONLY TO T MODIFIES THE CONTRAC ER IS ISSUED PURSUANT TO: (5	Specify authority) T DIFIED TO REFLE PURSUANT TO T	ONS OF CON' AS DESCRIE THE CHANGES CT THE ADMIN THE AUTHORIT	TRACTS/OR BED IN ITEM SET FORTH I SET FORTH I USTRATIVE C Y OF FAR 42.	N ITEM 14 ARE MA	
FAR52.243.2-Changes-	Cost-Reimbursement (AUG 1987)-	Alternate V (APR 1	O AUTHORITY 1984)	OF:		
X D. OTHER (Specify ty FAR52.232.22 L.)	pe of modification and authority)  IMITATION OF FUNDS	S (APR 1984)				
E. IMPORTANT: Contractor [X] is n				be issued office		
A. The total estimated cont  B. This modification is issu  Contract (NBOC)	tract value remains unch	anged. funding for tl	ne NASA B	alloon Ope	erations	ie.
Except as provided herein, all terms and conditions of 15A. NAME AND TITLED OF SIGNER	(Type or print)	16A.	MAME AND TIT	LE OF CONTR	effect. RACTING OFFICER	(Type or prin
15B. CONTRACTOR/OFFEROR	15C. DATE	SIGNED B	Cignal signed I	ES OF RIVER	\	.DATE SIGNE
(Signature of person authorized to sign)		(Sig	nature of Control	Service Contract of the Contra	N	
NSN 7540-01-152-8070				STANDARD F	ORM 30 (REV. 10-8	13)

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> obligate 4200649234 as follows:

## CORE:

<u>FROM</u>	<u>BY</u>	<u>TO</u>	
\$76,364,154.93	\$200,000.00	\$76,564,154.93	BPO Support- Aircraft
\$76,564,154.93	\$2,000,000.00	\$78,564,154.93	BPO Core Support

## 2. Revise B.6 CPFF TASK ORDER FUNDING-

FROM	<u>BY</u>	<u>TO</u>	
\$12,032,359.51	\$300,000.00	\$12,332,359.51	

- 3. Total obligated by this modification is \$2,500,000.00
- 4. The period of allotment is from date this contract through January 31, 2018.
- 5. No other changes to this contract are made by issuance of this modification.

AME	NDMENT OF SOLICITAT	IC MODIFICATIO	N OF CONT	RACT	1. CONTRA	CT ID CODE	PAGE(S)
40	ENT/MODIFICATION NO.	3. EFFECTIVE DATE See Blk 16c	4. REQUISITIO		HASE REQ. NO.	5. PROJECT N	1 of 2 NO. <i>(If applicabl</i>
6. ISSUED BY			7. ADMIN	ISTERED	BY (If other than	item 6)	
	ird Space Flight Center						
	ps Flight Facility		Sam	e			
	ps Island, VA 23337						
Coaej	ND ADDRESS OF CONTRAC	TOR (No., street, county,	State and ZIP	()	9A. AMENDMEN	NT OF SOLICITA	TION NO.
	ciences Corporation				ŀ		
	Services Division						
ATTN: Je 7500 Gree							
	enway Center Drive Ste. 70 , MD 20770	V					
CICOMBUL	, 1111 20770			-	9b. DATED (SEE	Tress 44)	
				-			D. A. O. T. O. D. D. D. D. D. D. D. D. D. D. D. D. D.
0005				x	10A. MODIFICATION: NO: NNG:	15WA53C	CACT/ORDER
CODE:		FACILITY CODE:			10B, DATED (SE		
11.	THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS	4	02-01-2	015	
[ ] The above	numbered solicitation is amended as set for	th in Item 14. The hour and date s	pecified for receipt of	Offers [ 1]	s extended [ ] is not	pytondod	
TOTA	ACCOUNTING AND APPROPRIATION L FUNDING: \$94,979,527  13. THIS ITEM IT MODILE	ON DATA (# required)  .48 Total Estimat  # APPLIES ONLY TO MO  FIES THE CONTRACT/O	DIFICATIONS	OF CO	NTRACTS/ORD	ERS,	
	A. THIS CHANGE ORDER IS ISS CONTRACT ORDER NO. IN ITE	SUED PURSUANT TO: (Spec					ADE IN THE
	B. THE ABOVE NUMBERED CO office, appropriation date, etc.)	NTRACT/ORDER IS MODIFIE	ED TO REFLECT TO THE A	THE ADM	IINISTRATIVE CHA	NGES (such as	changes in payi
	C. THIS SUPPLEMENTAL AGRE FAR52.243.2-Changes-Cost-Rein	EMENT IS ENTERED INTO	PURSHANT TO A	IITUODII			
X	D. OTHER (Specify type of mod	lification and authority)					
F IMPOR	FAR52.232.22 LIMITA	TION OF FUNDS (A	APR 1984)				
14. DESCR	RTANT: Contractor [X] is not, [ ] is n	equired to sign this document	and return	copies	to be issued office.		
A. The	IPTION OF AMENDMENT/MODIFICA total estimated contract va	line remains unchance	on headings, Includi rod	ng solicita	rtion/contract subject	mater where feas	ible
		THE TOMBING UNCHARL	gou.				
B. This Cont	modification is issued to (tract (NBOC)	bligate contract fund	ding for the N	NASA I	Balloon Oper	ations	
Except as provide	dad bornin all torrar and goodisings at the day						
15A. NAME	ded herein, all terms and conditions of the docume AND TITLED OF SIGNER (Type or p	nk referenced in Item 9A or 10A, as her D <i>rint)</i>	etofore changed, remains 16A. NAM	E AND T	and in full force and effect TLE OF CONTRAC	cting officer	(Type or prim
15B. CONT	RACTOR/OFFEROR	15C. DATE SIG	NED 6B. UM B Digir	UED ST	erritt TES OF WHERICA	160	C.DATE SIGNE
(Signature o	of person authorized to sign)		11-	7	111111	1	2115/2017
	7540-01-152-8070		(Signatur	e of Cont	racting Office))		

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> obligate 4200649234 as follows:

CORE:

FROM BY TO

\$79,064,154.93 \$3,083,013.04 \$82,147,167.97 BPO Core Support

2. Revise B.6 CPFF TASK ORDER FUNDING-

FROM BY TO

\$12,332,359.51 \$500,000.00 \$12,832,359.51

- 3. Total obligated by this modification is \$4,083,013.04
- 4. The period of allotment is from date this contract through February 28, 2018.
- 5. No other changes to this contract are made by issuance of this modification.

AMENDMENT OF SOLICITATE	MODIFICATION	OF CONTI	RACT	1. CONTRA	CT ID CODE	PAGE(S)
2. AMENDMENT/MODIFICATION NO. 41	3. EFFECTIVE DATE See Blk 16c	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. N/A				1 of 2 O. (If applicable
6. ISSUED BY NASA		7. ADMINI	STERE	BY (If other than	Item 6)	
Goddard Space Flight Center Wallops Flight Facility Wallops Island, VA 23337		Samo	9			
8. NAME AND ADDRESS OF CONTRACT	OR (No., street, county, S	State and ZIP	()	9A. AMENDMEN	NT OF SOLICITA	TION NO.
Code) Orbital Sciences Corporation Technical Services Division ATTN: Jeff Heath 7500 Greenway Center Drive Ste. 700						
Greenbelt, MD 20770				OL DATED (OF	- 1991	
			x		TION OF CONTR 15WA53C	ACT/ORDER
CODE:	FACILITY CODE:		1	10B. DATED (SEE ITEM 13):		
11. THIS ITEM ONLY APPLIES TO A	MENDMENTS OF SOLI	CITATIONS	J	02-01-2	2015	
A. THIS CHANGE ORDER IS ISSU CONTRACT ORDER NO. IN ITEM	DATA (If required)  18 Total Estimate APPLIES ONLY TO MO IES THE CONTRACT/O	ed Cost: \$140 DIFICATIONS RDER NO. AS I	0,803, OF CO DESCR	051.00 NTRACTS/ORD IBED IN ITEM 1	PERS, 14.	g hour and date
B. THE ABOVE NUMBERED CON office, appropriation date, etc.) SI	EMENT IS ENTERED INTO E	SUANT TO AL	UTHOR	ITY OF FAR 42,10	ANGES (such as a 3(b).	changes in payi
FAR52.243.2-Changes-Cost-Reimt  D. OTHER (Specify type of modif  FAR52.232.22 LIMITAT	pursement (AUG 1987)-Alterrication and authority)	ate V (APR 1984)				
E. IMPORTANT: Contractor [X] is not, [ ] is rec	uired to sign this document :	and return	copies	to be issued office.		
14. DESCRIPTION OF AMENDMENT/MODIFICAT A. The total estimated contract val B. This modification is issued to ol Contract (NBOC)  Except as provided herein, all terms and conditions of the document 15A. NAME AND TITLED OF SIGNER (Type or pi	ue remains unchang	ed. ling for the N tofore changed, remains 16A. NAME Micke	unchanged E AND T	Balloon Oper	ations et. CTING OFFICER	
(Signature of person authorized to sign)		B Origin	NO	racting Officer		1/31/2018
NSN 7540-01-152-8070				STANDARD'FO	RM-30_(REV. 10-1	33)

Contract NNG15WA53C Modification No. 41 Page 2 of 2

1. Revise Article B.4 <u>CONTRACT FUNDING (18-52.232-81 (JUN 1990)</u> obligate 4200652842 as follows:

CORE:

FROM

 $\mathbf{BY}$ 

<u>OT</u>

\$ 82,147,167.97

\$2,000,000.00

\$84,147,167.97

**BPO Core Support** 

2. Revise B.6 CPFF TASK ORDER FUNDING-

**FROM** 

<u>BY</u>

<u>TO</u>

\$ 12,832,359.51

No Change

- 3. Total obligated by this modification is \$2,000,000.00
- 4. The period of allotment is from date this contract through March 15, 2018.
- 5. No other changes to this contract are made by issuance of this modification.