AMENDMENT OF SOLICITATION	N/MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE	PAGE C	OF PAGES
				1	1	2
2. AMENDMENT/MODIFICATION NO. 500	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE R	EQ. NO.	5. PROJECT N	O. (If applicable	le)
000	Oce Block foc	II/a		1		
6. ISSUED BY COI		7. ADMINISTERED BY (If other to	than Item 6)	C	ODE BJ5	
NASA Lyndon B. Johnson Space Center Institutional Procurement Office	er	Helen Bell, Contract	Specialist		THE STATE OF THE S	
Houston, TX 77058		PH: 281.483.8149 Email: helen.b.bell@	naca gov			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, cou	inty, State and ZIP: Code)	Linaii. Helen.b.beliq	(4)	9A. AMENDMENT OF SO	DLICITATION	NO
PAE Applied Technologies LLC				1	22.0117(110)(1	
6500 West Fwy, Suite 600				9B. DATED (SEE ITEM	11)	
Fort Worth, TX 76116			-	10A. MODIFICATION OF	CONTRACT	OBDEDNO
			X	NNJ08JA02C		JRDER NO.
CODE 1JGQ2	FACILITY CODE		— ^	10B. DATED (SEE ITEM 01/03/2008	13)	
	TEM ONLY APPLIES TO					
The above numbered solicitation is amended as set for					d.	
Offers must acknowledge receipt of this amendment prio						
(a) By completing Items 8 and 15, and returning one (separate letter or telegram which includes a reference to	o the solicitation and amendmen	t numbers FAILLIRE OF VOL	IB ACKNOWIE	DOMENT TO DE DECE	EN/ED AT TH	IF DI AOF
DESIGNATED FOR THE RECEIPT OF OFFERS PRIO you desire to change an offer already submitted, such amendment, and is received prior to the opening hour an	change may be made by telec	SPECIFIED MAY RESULT IN R gram or letter, provided each t	EJECTION OF elegram or lette	YOUR OFFER. If by vi or makes reference to t	rtue of this a the solicitation	mendment in and this
12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE				Cav		7.
		Net incre				
13. THIS ITEM APPL	IES ONLY TO MODI E CONTRACT/ORD	FICATIONS OF CO	NTRACTS	S/ORDERS,		
(4) A. THIS CHANGE ORDER IS ISSUED PURS					BDED NO. IN	ITEM 400
	1-2		IN IT AIRE WAD	- IN THE CONTRACTION	NDER NO. IN	TIEW TOA.
B. THE ABOVE NUMBERED CONTRACT/O SET FORTH IN ITEM 14, PURSUANT TO THE A	RDER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANG	SES (such as cha	nges in paying office, app	ropriation date	e, etc.)
X C. THIS SUPPLEMENTAL AGREEMENT IS E		UTHORITY OF:				-
FAR Part 52.243-2 - "Cha		ursement (Alternat	e II)"			
D. OTHER: Specify type of modification and	authority)					
E. IMPORTANT: Contractor ☐is not, [pies to the issuin		
4. DESCRIPTION OF AMENDMENT/MODIFICA	TION (Organized by UCF se	ection headings, including s	olicitation/con	tract subject matter v	vhere feasi	ble.)
SEE PAGE 2 FOR DETAILS						
cept at provided herein, all terms and conditions of the do	cument referenced in Item 9A or	10A, as heretofore changed, re-	mains unchange	d and in full force and e	ffect.	
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE Jason C. Phillips,		ING OFFICER (Type or	print)	
Dennis K. Smith, Contracts	Manager	Jason C. Pillips ,	Contracting	Unicer	k)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AMERICA	160	C. DATE SIG	NED
11 1/1 -01	1 . /	KI	Mar	Digitally signe		
1/ei /a/ mon	11/24/16	101	7	Date: 2015.12.	03 16:20:	19 -06'00'

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STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

The purpose of this modification is to make revisions to Annex 1 at no additional cost to the Government.

Summary of Changes for Annex 1 are as follows:

- "Table of Contents", updated to reflect changes listed below;
- Added paragraph 1.7.3, "Fall Arrest and Protection Systems";
- Paragraphs 1.13.3, 1.13.4, 1.13.5, added "GIS" reference to paragraph as indicated;
- Paragraph 1.13.13, added "Utilizing GIS, update";
- Paragraph 1.13.13(b), added "in GIS";
- Paragraph 1.13.13(c), added "in GIS":
- Paragraph 1.13.14(a), added "in GIS";
- Paragraph 1.13.15, information was erroneously deleted by previous administrative actions;
- Paragraph 1.14.1, add "Prepare transmittal letters for real property agreements to partners. Assist in editing real property agreements.";
- Added paragraph 1.14.8, "Historic Preservation";
- Added paragraph 1.14.9, "Space Act Agreements";
- Corrected paragraph 1.15, added "10 workdays".

Note: The conformed copy of Annex 1 is being provided as separate attachment to this modification

OMB Approval 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200560710 501 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net increase: \$1,021,394.96 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, I is required to sign this document and return. copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: Deobligate Funds from Annex 4 Estimated Cost in the amount of Incrementally Fund Annex 4 Estimated Cost in the amount of Incrementally Fund Annex 4 Fixed Fee in the amount of 2. Deobligate Funds from Annex 5 Firm Fixed Price in the amount of -\$6,890.37. Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$858,685.60.

See Page 2

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Jason C. Phillips , Contracting Officer	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Jason Phillips Obs.:=US, o=U.S. Government,	16C. DATE SIGNED 8/11/2015

- 3. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$53,376,353.61 by \$169,599.73 to \$53,545,953.34.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,376,353.61
this Action: Incrementally Fund:This Action:				(\$11,866.76) \$181,466.49 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$53,545,953.34

2. Contract Annex 5 funding is increased from \$118,384,473.46 by \$851,795.23 to \$119,236,268.69.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$118,384,473.46
Incrementally Fund: De Obligate this Action: Incrementally Fund: this Action:	(\$6,890.37) \$858,685.60
Revised Cumulative Obligations:	\$119,236,268.69

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

The fixed-fee is

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FOR CONTRAC	T YEAR 1 AND	2 Including Exercised options	YEAR 3 and	d YEAR 4 and	d Year 5
<u>and</u>	Year 6 and Year 7 and Year 8.					
(a)	The estimated cost of Annex 4 is	(b)(4)	The maximum available awa	ard fee is	(b)(4)	

This allotment covers Task Orders 1 through 15CD1-1, from March 1, 2008 through March 15, 2016.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

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

The total estimated cost, maximum award fee, and fixed-fee are \$53,545,953.34.

(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,545,953.34.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (h)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. <u>BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7</u>

The total firm-fixed-price of Delivery Orders 1 through 2542-2 is \$119,236,268.69.

This allotment covers Delivery Orders 1 through 2542-2 from March 1, 2008 through March 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

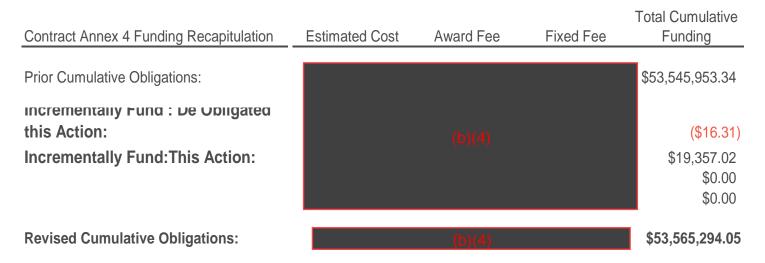
(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 195-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF COLUMNIATION	(MACDIELO ATION OF		1. CONTRACT	ID CODE	PAGE C	F PAGES
AMENDMENT OF SOLICITATION	MODIFICATION OF	CONTRACT			1	4
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	EQ. NO.	5. PROJECT I	NO. (If applicabl	
502	See Block 16C	4200563	560			
6. ISSUED BY CODE	ВЈ	7. ADMINISTERED BY (If other to	han Item 6)		ODE BJ5	
NASA Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist			
Institutional Procurement Office		PH: 281.483.8149				
Houston, TX 77058		Email: helen.b.bell@	nasa.gov			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, count	y, State and ZIP: Code)		(4)	9A. AMENDMENT OF S	OLICITATION	NO.
PAE Applied Technologies LLC						
Attn: David W. Popham, Program Mana	iger			9B. DATED (SEE ITEM	11)	
6500 West Fwy, Suite 600				10A. MODIFICATION O	F CONTRACT//	ORDER NO
Fort Worth, TX 76116			X	NNJ08JA02C	I CONTINACIA	SINDLIN INO.
			^	10B. DATED (SEE ITE	W 13)	
CODE 1JGQ2	FACILITY CODE			01/03/2008		
		AMENDMENTS OF SOLIC		. 🗆		
The above numbered solicitation is amended as set for					ed.	
Offers must acknowledge receipt of this amendment prior to (a) By completing Items 8 and 15, and returning one (1)	•			•	ffor outpositto	l. or (o) Dv
separate letter or telegram which includes a reference to						
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such of the control						
amendment, and is received prior to the opening hour and		grant of letter, provided each t	elegiani oi letti	el lliakes lelelelice to	tile solicitatio	ni and tins
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
SEE SCHEDULE		Net incre	ase: \$1	02,785.34		
13. THIS ITEM APPLI	ES ONLY TO MOD	IFICATIONS OF CO	NTRACT	S/ORDERS,		
IT MODIFIES THE	CONTRACT/ORD	ER NO. AS DESCR	IBED IN I	TEM 14.		
(4) A. THIS CHANGE ORDER IS ISSUED PURSU	JANT TO: (Specify authority) The	HE CHANGES SET FORTH IN ITI	EM 14 ARE MAD	E IN THE CONTRACT/O	ORDER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/OR SET FORTH IN ITEM 14, PURSUANT TO THE AI		THE ADMINISTRATIVE CHANG	SES (such as cha	anges in paying office, ap	propriation dat	e, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS E		AUTHORITY OF:				
D. OTHER: Specify type of modification and a						
1852.232-77 Limitation of Funds (F	fixed Price Contract) (M	ARCH 1989) 52.232-22	2 Limitation	of Funds (Cost R	eimbursabl	e)
(APR 1984)	7				***	
E. IMPORTANT: Contractor ⊠is not, □	<u> </u>			<u> </u>		
14. DESCRIPTION OF AMENDMENT/MODIFICAT	TION (Organized by UCF se	ection headings, including s	colicitation/cor	ntract subject matter	where feas	ible.)
The purpose of this modification:						
 Deobligate Funds from A 	nnex 4 Estimated C	Cost in the amount o	f(b)(4)			
Incrementally Fund Anne	ex 4 Estimated Cost	in the amount of	(b)(4)			
Incrementally Fund Anne						
o. ooany i and i willo						
0 0		Dula a lia Usa a	-£ ØF 000			
2. Deobligate Funds from A						
Incrementally Fund Anne	x o Firm Fixea Price	e in the amount of \$	89,234.55).		
	Se	ee Page 2				

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dominic J. Golemi, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Go	gitally signed by Dominic blemi ate: 2015.08.21 18:18:04 -05'00'		

- 3. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$53,545,953.34 by \$19,340.71 to \$53,565,294.05.



2. Contract Annex 5 funding is increased from \$119,236,268.69 by \$83,444.63 to \$119,319,713.32.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$119,236,268.69
Incrementally Fund: De Obligate this Action: Incrementally Fund: this Action:	(\$5,809.92) \$89,254.55
Revised Cumulative Obligations:	\$119.319.713.32

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FOR CON	ITRACT YEAR 1 AN	ND 2 Including Exerci	sed options YEAR 3	and YEAR 4 a	and Year 5
and '	Year 6 and Year 7 and Year	r 8.	•	•		
(a) 1	The estimated cost of Anne	ex 4 is (b)(4)	The maximum av	ailable award fee is	(b)(4)	
The	fixed-fee is (b)(4)	The total estimate	d cost, maximum awa	ard fee, and fixed-fe	e are \$53,565,	294.05 .

- This allotment covers Task Orders 1 through 15EC1-6, from <u>March 1, 2008</u> through <u>March 15, 2016</u>.

 (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the
- total amount allotted by the Government for Task Orders is (b)(4)

 An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,565,294.05.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. <u>BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7</u>

The total firm-fixed-price of Delivery Orders 1 through 2146-3 is \$119,319,713.32.

This allotment covers Delivery Orders 1 through 2146-3 from March 1, 2008 through March 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF OOL IOITATION	MADDIELO ATION OF		1. CONTRACT ID COL	DE	PAGE OF	F PAGES
AMENDMENT OF SOLICITATION	I/MODIFICATION OF	CONTRACT			1	6
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	REQUISITION/PURCHASE RE	EQ. NO.	5. PROJECT NO	(If applicable	6
503	See Block 16C	N/A				•
6. ISSUED BY CODE		7. ADMINISTERED BY (If other th		CC	DE BJ	15
NASA Lyndon B. Johnson Space Center	r	Dominic J. Golemi,	, Contract Spec	ialist		
Institutional Procurement Office		PH: 281.792.7840				
Houston, TX 77058		Email: dominic.j.go				
DATA PARTITION OF			(4) 9A.	AMENDMENT OF SOL	ICITATION NO).
PAE Applied Technologies LLC						
Attn: David W. Popham, Program Mana	ger		9B.	DATED (SEE ITEM 11)		
6500 West Fwy, Suite 600			10A	MODIFICATION OF C	ONTRACTIOE	DEB NO
Fort Worth, TX 76116				INJ08JA02C	ONTRACTION	CDER NO.
CODE			10B.	DATED (SEE ITEM 1:	3)	
	FACILITY CODE	ALIENDARIA OF CO.	The second second second second second	1/03/2008		
	SITEM ONLY APPLIES TO					
The above numbered solicitation is amended as set for					ded.	
Offers must acknowledge receipt of this amendment prior to						
(a) By completing Items 8 and 15, and returning one (1) copletter or telegram which includes a reference to the sol	licitation and amendment num	ibers. FAILURE OF YOUR	ACKNOWLEDGME	NT TO BE RECEN	FD AT THE	F PLACE
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR To desire to change an offer already submitted, such change in	O THE HOUR AND DATA SPE	CIFIED MAY RESULT IN RF.	IECTION OF YOUR	OFFER If by virtue	of this amen	dment you
and is received prior to the opening hour and data specified.	nay be made by lelegialli of let	tter, provided each telegram o	r letter makes referei	ice to the solicitation	and this an	ienament,
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
40 THO ITEM ADD	V. I = 0 . V. T = 0 . V.					
13. THIS ITEM APP	PLIES ONLY TO MO	DIFICATIONS OF	CONTRACTS	ORDERS,		
	HE CONTRACT/OF					
(4) A. THIS CHANGE ORDER IS ISSUED PURSUAL	NTTO: (Specify authority) THE	CHANGES SET FORTH IN ITE	W 14 ARE MADE IN TH	IE CONTRACT/ORDI	ER NO. IN ITE	EM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDE	R IS MODIFIED TO REELECT TO	HE ADMINISTRATIVE CHANGE	S (cuch as changes in	naving office oppress	riotion data a	to \ CET
FORTH IN TEM 14, PURSUANT TO THE AU	THORITY OF FAR 43.103(b).		S (Such as Changes III	рауну опісе, арргор	rauori date, e	.C.) SE1
X C. THIS SUPPLEMENTAL AGREEMENT IS ENT						
D. OTHER: Specify type of modification and auth		rsement (Alternate	e II)"			
	, _/					
E. IMPORTANT: Contractor is not,		sign this document a				
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ection headings, including s	solicitation/contrac	t subject matter и	here feasil	ole.)
The purpose of this modification is to in-		h(D		(210)		. "
The purpose of this modification is to inc PAE revised cost proposal dated 7/24/20	15 on the Excilities on	ue changes of Preve	entive iviaintena	ince (PM) Re	conciliation	on by
estimated contract value (estimated cost,	award fee and fixed	fee) for FV 14-18 (C)	/ 7=10) is incre-	niliaci modilica	702 hace	. The
the following:	awara ioo, and iixoa	100) 101 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 7-10) 13 111616	ased by # 360.	TUZ Dase	su on
1. Update Clause B.3 Estimated Cost,	Award Fee and Fixe	d Fee (not including	ID\IQ Annexe	s 4 & 5)		
2. Update Clause B.12 Pre-Priced Tal (Plan C) for CY 7-10	bles for Award Term	Plan A, Plan B or	Plan C Table	s 1.0 (Plan A	& Tabl	e 3.0
3. Update Section F, Clause F.4 Option	n to Extend Complet	ion Date for CY 7-1	n			
	/					
SEE PAGE 2 CONTINUATION						
Except at provided herein, all terms and conditions of the document of	eferenced in Item 9A or 10A, as here	etofore changed, remains unchange	ed and in full force and e	ffect.		
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF C				
Dennis K. Smith, Contracts Mana	ger	Jason C. Phil	llips, Contract	ing Officer		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF A	MERICA	16C. DA	TE SIGNED	
1. 18. MAnith	0/0-11-	Jason Phillip	Digitally signed by Jason Phillips ON: C=US, 0=U.S. Government, ou=NAS	Louis P.V.	7/2035	
(Signature of person authorized to sign)	8/27/1.5	BY	Date: 2015.08.27 06.57:47-05'00'	8/2	7/2015	
NSN 7540-01-152-8070	30	-105	ontracting Officer)	STANDARD	ODM 20 /DC	/ 40 00)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE 30-105 COMPUTER GENERATED STANDARD FORM 30 (REV. 10-83) Prescribed by GSA EAD (48 CED) 53 243 This modification represents a full, complete, and equitable adjustment to estimated cost and fee for CY 7-10 increases as proposed on April 17, 2015 and revised on July 24, 2015. All other terms and conditions of the contract, except for the aforementioned clauses, remain unchanged. In consideration of the modifications agreed to herein, the Contractor and Government hereby release each other from liability under this contract for further equitable adjustments exclusively attributable to these changes.

	Cost	Fixed Fee	Award Fee	Total
CY 7				\$69,829
CY 8				\$119,187
CY 9				\$97,421
CY 10				\$74,265
Total				\$360,702

1. B.3 <u>ESTIMATED COST, AWARD FEE, and FIXED-FEE (not including ID/IQ Annexes 4 and 5)</u>

The estimated cost of Annexes 1, 2, 3, 6, and 7 is increased BY: (b)(4) FROM: (b)(4)

TO: (b)(4)

The maximum available award fee is increased BY (b)(4) FROM: (b)(4)

The maximum available fixed-fee is increased BY: (b)(4) FROM: (b)(4)

TO: (b)(4)

The total estimated cost, maximum award fee and maximum fixed-fee is increased BY: \$286,437, FROM: \$324,192,086 TO: \$324,478,522.

Reference: Base Period, Years 1 through Year 9.

2. B.12 PRE-PRICED TABLES FOR AWARD-TERM PLAN A, PLAN B, OR PLAN C:

B.12	PRE-PRICED		AWARD-TERM P				
TABLE 1.0 – ESTIMATED COST AND FEE SCHEDULE (PLAN A)							
Contract Year	Period No.	Evaluation	Duration	Contract	Available Fee	Estimated Cost	Estimated Cost and Fed
		Period		Type			
Phase-in	Phase-in	60 days	1/1/08 – 2/29/08	Firm-Fixed- Price			\$0
Year 1	Initial Period	9 months	3/1/08 - 11/30/08	Award-Fee			004 540 040
Year 1	Period 1	3 months	12/1/08 - 2/28/09	Fixed-Fee			\$34,512,019
Year 2	Period 1	3 months	3/1/09 - 5/31/09	Fixed-Fee			
Year 2	Period 2	6 months	6/1/09 - 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 - 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 - 8/31/10	Fixed-Fee			\$35,801,295
Year 3	Period 4	6 months	9/1/10 - 2/28/11	Fixed-Fee			\$55,601,295
Year 4	Period 5	6 months	3/1/11 - 8/31/11	Fixed-Fee			\$27.200.00E
Year 4	Period 6	6 months	9/1/11 - 2/29/12	Fixed-Fee			\$37,208,085
Year 5	Period 7	6 months	3/1/12 - 8/31/12	Fixed-Fee	(1		POC 400 C40
Year 5	Period 8	6 months	9/1/12 - 2/28/13	Fixed-Fee	(*		\$36,122,618
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Fixed-Fee			#24.050.052
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Fixed-Fee			\$34,950,252
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Fixed-Fee			\$25,020,705
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Fixed-Fee			\$35,926,765
Year 8	Period 13	6 months	3/1/15 - 8/31/15	Fixed-Fee			¢20 502 075
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Fixed-Fee			\$36,593,875
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			#07.007.004
Year 9	Period 16	6 months	9/1/16 - 2/28/17	Award-Fee			\$37,627,334
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			#00.070.070
Year 10	Period 18	6 months	9/1/17 - 2/28/18	Award-Fee			\$38,679,370

	TABLE 3.0 - ESTIMATED COST AND FEE SCHEDULE (PLAN C)						
Contract Year	Period No.	Evaluation Period	Duration	Contract Type	Available Fee	Estimated Cost	Estimated Cost and Fee
Phase-in	Phase-in	53 days	1/7/08 – 2/29/08	Firm-Fixed- Price			\$0
Year 1	Initial Period	9 months	3/1/08 - 11/30/08	Award-Fee			\$34,512,019
Year 1	Period 1	3 months	12/1/08 – 2/28/09	Fixed-Fee			, , , , , , , , , , , , , , , , , , ,
Year 2	Period 1	3 months	3/1/09 – 5/31/09	Fixed-Fee			•
Year 2	Period 2	6 months	6/1/09 – 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 – 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 – 8/31/10	Fixed-Fee			\$35,801,295
Year 3	Period 4	6 months	9/1/10 – 2/28/11	Fixed-Fee			\$30,00 ·, <u></u>
Year 4	Period 5	6 months	3/1/11 – 8/31/11	Award-Fee			\$37,208,085
Year 4	Period 6	6 months	9/1/11 – 2/29/12	Award-Fee			ψον,200,000
Year 5	Period 7	6 months	3/1/12 – 8/31/12	Award-Fee			\$36,122,618
Year 5	Period 8	6 months	9/1/12 – 2/28/13	Award-Fee			ψου, 122,010
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Award-Fee			\$34,950,252
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Award-Fee			ψ3 4 ,930,232
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Award-Fee			\$35,926,765
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Award-Fee			φ35,920,705
Year 8	Period13	6 months	3/1/15 - 8/31/15	Award-Fee			¢26 502 975
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Award-Fee			\$36,593,875
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			¢27 627 224
Year 9	Period 16	6 months	9/1/16 - 2/28/17	Award-Fee			\$37,627,334
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			#20 670 270
Year 10	Period 18	6 months	9/1/17 – 2/28/18	Award-Fee			\$38,679,370

3. F.4 OPTION TO EXTEND COMPLETION DATE

The Government may require the Contractor to continue to perform services under this Contract. The CO may exercise this option or term(s) by issuance of a unilateral Contract modification <u>30</u> days or more before the completion date set forth in Section F. Should the option or term(s) be exercised, the resultant Contract will include all terms and conditions of the basic Contract as it exists immediately prior to the exercise of the option or term(s), except for the following changes:

I. These are pre-priced options and award-terms that apply to Plan A if it is implemented in accordance with Clause H.10:

YEAR 7: 3/1/2014 – 2/28/2015

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the		
estimated cost		
and to increase maximum available fixed fee	(b)(4)	
The total estimated cost, maximum award fee		
and maximum fixed fee is	\$250,257,313	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28,</u> 2015.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 7 shall become effective.

YEAR 8: 3/1/2015 – 2/29/2016

1.	Ву	То	
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the			
estimated cost			
and to increase maximum available fixed fee	(b)(4)		
The total estimated cost, maximum award fee			
and maximum fixed fee is	\$286,851,188		

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 29</u>, 2016
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 8 shall become effective.

<u>YEAR 9</u>: 3/1/2016 – 2/28/2017

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,478,522	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28, 2017</u>.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

YEAR 10: 3/1/2017 - 2/28/2018

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(1	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,157,892	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28,</u> 2018.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

II. These are pre-priced options and award-terms that apply to Plan C if it is implemented in accordance with Clause H.10:

YEAR 9: 3/1/2016 - 2/28/2017

1.	Ву	То	
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost			
and to increase maximum available award fee	(b)(4)		
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,478,522		

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28, 2017</u>.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

YEAR 10: 3/1/2017 - 2/28/2018

1.	Ву	То	
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost			
and to increase maximum available award fee	(b)(4)		
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,157,892		

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 28, 2018
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

AMENDMENT OF SOLICITATION/MODIFICATION O			CONTRACT	1. CONTRACT I	D CODE		PAGE O	F PAGES
A	WENDWENT OF SOLICITATION	INIODIFICATION OF	CONTRACT				1	6
2. AMENDA	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	REQUISITION/PURCHASE RE	EQ. NO	т	5. PROJECT NO	(If annlicable	
	504	See Block 16C	N/A		- 1	u. 11100E01110	. III GODIIOGOR	55.
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6. ISSUED	BY . CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		COI	DE B.	15
NASA	Lyndon B. Johnson Space Center	r	Dominic J. Golemi, Contract Specialist					
	tional Procurement Office		PH: 281.792.7840	,	· p · c · c · c · c · c · c · c · c · c			
	on, TX 77058		Email: dominic.j.go	lemi@nasa	VOD 8		3	
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DAE	andied Technologies II O			(4)	JA. AMILI	ADMIDAT OF SOCI	CITATION	
	Applied Technologies LLC							
	David W. Popham, Program Mana	ger		1	9B. DATE	D (SEE ITEM 11)		
	6500 West Fwy, Suite 600 Fort Worth TX 76116				404 1407	NEIGHTION OF O	OLITO LOTIO	DDED HO
Fort Worth, TX 76116					11546613111	DIFICATION OF C	ONTRACTIO	RDER NO.
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CODE		FACILITY CODE				3/2008		
	11. THIS	SITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS	-			
☐ The a	bove numbered solicitation is amended as set for				nded [is not extend	ded.	
	at acknowledge receipt of this amendment prior to					-		
	upleting Items 8 and 15, and returning one (1) cop						lad: or (a) B	v caparata
letter or to	elegram which includes a reference to the sol	licitation and amendment nun	nbers. FAILURE OF YOUR	ACKNOWLED	GMENT T	O BE RECEIV	ED AT TH	E PLACE
DESIGNA	TED FOR THE RECEIPT OF OFFERS PRIOR TO hange an offer already submitted, such change r	O THE HOUR AND DATA SPE	CIFIED MAY RESULT IN RE	JECTION OF YO	OUR OFFE	R. If by virtue of	of this amen	dment you
and is rece	eived prior to the opening hour and data specified.	nay be made by telegram or le	iter, provided each telegram o	or letter makes r	elerence to	the solicitation	and this ar	nenament,
12. ACCOL	NTING AND APPROPRIATION DATA (If required)							
	A COMPANY OF THE PARTY OF THE P							
	13. THIS ITEM APP	PLIES ONLY TO MC	DIFICATIONS OF	CONTRA	CTS/O	RDFRS	the party of	
		HE CONTRACT/OF						
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUAL						DAIO IN IT	EM 10A
(-1)	THE STATES STEEL TO TOO SELECTION OF THE STATES OF THE STA	IVI TO: (Opecity authority) THE	CHANGES SET FORTH IN THE	W 14 ARE WADE	IN THE CO	DIVIRACIJORDE	K NO. IN TH	EW TOA.
	B. THE ABOVE NUMBERED CONTRACT/ORDE	ED IS MODIFIED TO DEEL FOT T	THE ADMINISTRATIVE CHANGE		man to posit		2-0	(-) OFT
	FORTH IN ITEM 14, PURSUANT TO THE AU	THORITY OF FAR 43.103(b).	HE ADMINISTRATIVE CHANGE	=5 (such as chan	ges in payir	пд опісе, арргорг	iation date, e	itc.) SEI
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENT	· · · · · · · · · · · · · · · · · · ·						
	FAR Part 52.243-2 - "Change	ges—Cost-Reimbu	irsement (Alternat	e II)"				
	D. OTHER: Specify type of modification and auth	nority)						
E. IMP	ORTANT: Contractor is not,	is required to	sign this document a	nd return _	_1 co	opies to the	issuing	office.
14. DES	CRIPTION OF AMENDMENT/MODIFICAT						the second second second second	
			3,					,
The pu	rpose of this modification is to inco	rporate contract value	e changes of Fall Arre	est and Pro	tection	Systems by	V PAE re	vised
cost pr	oposal dated 6/12/2015 on the Fa	cilities contract, NNJ	08JA02C. The estimate	ated contra	ct value	e (estimate	d cost, a	award
fee, an	d fixed fee) for CY 8-10 is increase	ed by \$ 95,365 based	on the following:			2		
			300					
1. Up	date Clause B.3 Estimated Cost,	Award Fee and Fixe	d Fee (not including	g ID\IQ Anr	nexes 4	& 5)		
2. Up	date Clause B.12 Pre-Priced Ta	hles for Award Tem	n Plan A Plan R or	Plan C Ta	hlee 1	0 /Plan A	& Tah	0 3 0
(PI	an C) for CY 7-10	bics for Award Terri	II FIAN A, FIAN D UI	Fiall C 18	anics i	.U (Flail A	oc ran	e 3.0
Day Vane	2004 10 2005 10 10 10 10 10 10 10 10 10 10 10 10 10							
3. Up	date Section F, Clause F.4 Optio	n to Extend Complet	tion Date, for CY 8-1	0				
SEE PA	AGE 2 CONTINUATION	6.						
Except at pr	ovided herein, all terms and conditions of the document r	referenced in Item 9A or 10A, as her	etofore changed, remains unchang	ged and in full force	e and effect.			
	EAND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF	CONTRACTING	OFFICER	(Type or print)		
De	ennis K. Smith, Contracts Mana	ger	Jason C. Phi	illips, Cont	racting	Officer		
15B. CON	TRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF A	AMERICA		16C. DA	TE SIGNED	
1/)	1-2/1 -11.	- / / -	Jason Phillip	Digitally signed by Jason PF DN: c=US, o=U.S. Government cn=Jason Phillips, 0.9.2342.	hillips ent, ou=NASA, ou=PIV,			
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	ature of person authorized to sign)	11111	(Signature of C	Contracting Office)	0, 1,7	_0.0	
NSN 7540-	11 152 9070	-	106			CTANDADD F		11 10 001

This modification represents a full, complete, and equitable adjustment to estimated cost and fee for CY 8-10 increases as proposed on June 12th, 2015. All other terms and conditions of the contract, except for the aforementioned clauses, remain unchanged. In consideration of the modifications agreed to herein, the Contractor and Government hereby release each other from liability under this contract for further equitable adjustments exclusively attributable to these changes.

	Cost	Fixed Fee	Award Fee	Total
CY 8				\$39,708
CY 9				\$13,948
CY 10				\$41,709
Total				\$95,365

1. B.3 ESTIMATED COST, AWARD FEE, and FIXED-FEE (not including ID/IQ Annexes 4 and 5)

The estimated cost of Annexes 1, 2, 3, 6, and 7 is increased BY: (b)(4) FROM: (b)(4) TO: (b)(4)

The maximum available award fee is increased BY: (b)(4) FROM: (b)(4) TO: (b)(4)

The maximum available fixed-fee is increased BY: (b)(4) FROM: (b)(4) TO: (b)(4)

The total estimated cost, maximum award fee and maximum fixed-fee is increased **BY:** \$53,656 **FROM:** \$324,478,522 **TO:** \$324,532,178.

Reference: Base Period, Years 1 through Year 9.

B.12	PRE-PRICED		AWARD-TERM P				
		I ABLE 1.0 -	- ESTIMATED CC	STANDF	E SCHEDUL	.E (PLAN A)	
Contract Year	Period No.	Evaluation Period	Duration	Contract Type	Available Fee	Estimated Cost	Estimated Cost and Fee
Phase-in	Phase-in	60 days	1/1/08 — 2/29/08	Firm-Fixed- Price			\$0
Year 1	Initial Period	9 months	3/1/08 - 11/30/08	Award-Fee			
Year 1	Period 1	3 months	12/1/08 - 2/28/09	Fixed-Fee			\$34,512,019
Year 2	Period 1	3 months	3/1/09 - 5/31/09	Fixed-Fee			
Year 2	Period 2	6 months	6/1/09 - 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 - 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 - 8/31/10	Fixed-Fee			#05.004.005
Year 3	Period 4	6 months	9/1/10 - 2/28/11	Fixed-Fee			\$35,801,295
Year 4	Period 5	6 months	3/1/11 - 8/31/11	Fixed-Fee			₩07.000.00F
Year 4	Period 6	6 months	9/1/11 - 2/29/12	Fixed-Fee			\$37,208,085
Year 5	Period 7	6 months	3/1/12 - 8/31/12	Fixed-Fee	(k	0)(4)	¢20,422,640
Year 5	Period 8	6 months	9/1/12 - 2/28/13	Fixed-Fee	1	2)(1)	\$36,122,618
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Fixed-Fee			¢24.050.050
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Fixed-Fee			\$34,950,252
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Fixed-Fee			¢25,020,705
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Fixed-Fee			\$35,926,765
Year 8	Period 13	6 months	3/1/15 - 8/31/15	Fixed-Fee			\$36,633,583
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Fixed-Fee			φ30,033,363
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			\$37,641,282
Year 9	Period 16	6 months	9/1/16 - 2/28/17	Award-Fee			φ31,041,202
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			\$38,721,079
Year 10	Period 18	6 months	9/1/17 – 2/28/18	Award-Fee			φ30,721,079
		TABLE 3.0 -	- ESTIMATED CO	ST AND FE	E SCHEDUL	E (PLAN C)	
Contract Year	Period No.	Evaluation	Duration	Contract	Available	Estimated Cost	Estimated Cost and Fe
Jona de l'édi	1 61100 140.	Period	Duration	Type	Fee	Lamateu Cost	Lamiated Coat allu Fe
Dhoon in	Dhoon in	52 days	1/7/09 2/20/09	Eirm Eivod			

Contract Year	Period No.	Evaluation Period	Duration	Contract Type	Available Fee	Estimated Cost	Estimated Cost and Fee
Phase-in	Phase-in	53 days	1/7/08 – 2/29/08	Firm-Fixed- Price			\$0
Year 1	Initial Period	9 months	3/1/08 - 11/30/08	Award-Fee			\$24.542.040
Year 1	Period 1	3 months	12/1/08 - 2/28/09	Fixed-Fee			\$34,512,019
Year 2	Period 1	3 months	3/1/09 - 5/31/09	Fixed-Fee			
Year 2	Period 2	6 months	6/1/09 - 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 - 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 - 8/31/10	Fixed-Fee			\$35,801,295
Year 3	Period 4	6 months	9/1/10 - 2/28/11	Fixed-Fee			\$35,601,295
Year 4	Period 5	6 months	3/1/11 - 8/31/11	Award-Fee			\$37,208,085
Year 4	Period 6	6 months	9/1/11 - 2/29/12	Award-Fee			\$37,206,065
Year 5	Period 7	6 months	3/1/12 - 8/31/12	Award-Fee		b)(4)	\$36,122,618
Year 5	Period 8	6 months	9/1/12 - 2/28/13	Award-Fee			\$30,122,010
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Award-Fee			\$34,950,252
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Award-Fee			\$34,930,232
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Award-Fee			\$35,926,765
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Award-Fee			\$55,920,705
Year 8	Period13	6 months	3/1/15 - 8/31/15	Award-Fee			\$36,633,583
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Award-Fee			ψ30,033,303
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			\$37,641,282
Year 9	Period 16	6 months	9/1/16 — 2/28/17	Award-Fee			ψ31,041,202
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			\$38,721,079
Year 10	Period 18	6 months	9/1/17 – 2/28/18	Award-Fee			Ψου, τ Ζ τ, υ τ σ

Year 10 Period 18 6 months 9/1/17 – 2/28/18 Award-Fee

NOTE: If Plan C is implemented, the last year will encompass a 15-month award-fee year. Therefore, the last 3 months of the current contract year and the following contract year earned will be converted to award-fee. In addition, the Government may exercise a CPAF contract year(s) for purposes of re-competition (see Clause H.10).

[End of Section]

3. F.4 OPTION TO EXTEND COMPLETION DATE

The Government may require the Contractor to continue to perform services under this Contract. The CO may exercise this option or term(s) by issuance of a unilateral Contract modification <u>30</u> days or more before the completion date set forth in Section F. Should the option or term(s) be exercised, the resultant Contract will include all terms and conditions of the basic Contract as it exists immediately prior to the exercise of the option or term(s), except for the following changes:

I. These are pre-priced options and award-terms that apply to Plan A if it is implemented in accordance with Clause H.10:

YEAR 8: 3/1/2015 – 2/29/2016

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available fixed fee	(b)(4)	
The total estimated cost, maximum award fee and maximum fixed fee is	\$286,890,896	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 29, 2016
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 8 shall become effective.

YEAR 9: 3/1/2016 - 2/28/2017

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,532,178	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28,</u> 2017.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

YEAR 10: 3/1/2017 – 2/28/2018

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	()	b)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,253,257	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 28, 2018.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

II. These are pre-priced options and award-terms that apply to Plan C if it is implemented in accordance with Clause H.10:

YEAR 9: 3/1/2016 - 2/28/2017

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(1	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,532,178	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 28, 2017.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

<u>YEAR 10:</u> 3/1/2017 – 2/28/2018

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(1	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,253,257	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 28, 2018
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

				OMB Approval 2700-0	
AMENDMENT OF SOLICITATION/N	MODIFICATION OF	CONTRACT	DNTRACT 1. CONTRACT ID CODE PA		
2. AMENDMENT/MODIFICATION NO. 505	3. EFFECTIVE DATE See Block 16C		4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT N 4200564420, 565063		
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Institutional Procurement Office Houston, TX 77058	ВЈ	7. ADMINISTERED BY (If other Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@	Specialist	CODE BJ5	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, PAE Applied Technologies LLC Attn: David W. Popham, Program Manag 6500 West Fwy, Suite 600 Fort Worth, TX 76116	er		9B. 10A. NN 10B.	DATED (SEE ITEM 11) MODIFICATION OF CONTRACT/ORDER NO. IJ08JA02C DATED (SEE ITEM 13)	
CODE 1JGQ2 11. THIS IT	FACILITY CODE	AMENDMENTS OF SOLIC		03/2008	
The above numbered solicitation is amended as set forth Offers must acknowledge receipt of this amendment prior to (a) By completing Items 8 and 15, and returning one (1) of separate letter or telegram which includes a reference to the DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO you desire to change an offer already submitted, such charmendment, and is received prior to the opening hour and desire to CACCOUNTING AND APPROPRIATION DATA (If required)	the hour and date specified in copy of the amendment; (b) e solicitation and amendmen O THE HOUR AND DATA S ange may be made by teleg	n the solicitation or as amended By acknowledging receipt of the transfer of the transfer of the transfer of the transfer of the solicity of t	d, by one of the following this amendment on ear UR ACKNOWLEDGMEREJECTION OF YOUR	ch copy of the offer submitted; or (c) By ENT TO BE RECEIVED AT THE PLACE OFFER. If by virtue of this amendment	
12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE		Net incre	ease: \$1,304 ,	753.59	
13. THIS ITEM APPLIE IT MODIFIES THE (4) A. THIS CHANGE ORDER IS ISSUED PURSUA	CONTRACT/ORD	ER NO. AS DESCF	RIBED IN ITEM	114.	
B. THE ABOVE NUMBERED CONTRACT/ORDI SET FORTH IN ITEM 14, PURSUANT TO THE AUT C. THIS SUPPLEMENTAL AGREEMENT IS EN	HORITY OF FAR 43.103(b).		GES (such as changes i	າ paying office, appropriation date, etc.)	
X D. OTHER: Specify type of modification and aut 1852.232-77 Limitation of Funds (Fiz. (APR 1984)		ARCH 1989) 52.232-2	2 Limitation of Fu	unds (Cost Reimbursable)	
E. IMPORTANT: Contractor ⊠is not, □			·		
14. DESCRIPTION OF AMENDMENT/MODIFICATION The purpose of this modification: 1. Incrementally Fund Base Incrementally Fund Base	Estimated Cost in	the amount of	solicitation/contract	subject matter where feasible.)	
2. Incrementally Fund Annex Incrementally Fund Annex					
3. Incrementally Fund Annex	5 Firm Fixed Price	e in the amount of \$	\$504,585.37.		

- 4. Redistributing Funds from Annex 4 Estimated Cost to Base in the amount of (b)(4)
- 5. Redistributing Funds from Annex 4 Estimated Cost to Base Fixed Fee in the amount of (b)(4)
- 6. Redistributing Funds from Annex 5 Firm Fixed Price to Base in the amount of (b)(4)
- 7. Redistributing Funds from Annex 5 Firm Fixed Price to Base Fixed Fee in the amount of (b)(4)
- 8. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of (b)(4)
- 9. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of (b)(4)
- 10. Clause B.4 CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.
- 11. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 12. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM_FIXED-PRICE DELIVERY ORDERS (ANNEX) is hereby modified and replaced by the attached.

1. Contract Base funding is increased from \$263,215,420.92 by \$1,026,000.00 to \$264,241,420.92.

Contract Base Funding Recapitulation	Estimated Cost Awa	ard Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$263,215,420.92
Incrementally Funded: this Action Redistribute to Base from Annex 4: Redistribute to Base from Annex 5:				\$782,392.52 \$88,607.48 \$155,000.00
Revised Cumulative Obligations:				\$264,241,420.92

2. Contract Annex 4 funding is decreased from \$53,565,294.05 by -\$65,681.78 to \$53,499,612.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,565,294.05
Incrementally Fund : This Action: Redistribute from Annex 4 to Base: Redistribute to Annex 4 from Annex 5: Redistribute from Annex 4 to Annex 5:		(b)(4)		\$17,775.70 (\$88,607.48) \$10,000.00 (\$4,850.00)
Revised Cumulative Obligations:		(b)(4)		\$53,499,612.27

3. Contract Annex 5 funding is increased from \$119,319,713.32 by \$344,435.37 to \$119,664,148.69.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$119,319,713.32
Incrementally Fund: This Action: Redistribute from Annex 5 to Base: Redistribute from Annex 5 to Annex 4: Redistribute to Annex 5 from Annex 4:	\$504,585.37 (\$155,000.00) (\$10,000.00) \$4,850.00
Revised Cumulative Obligations:	\$119,664,148.69

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **October 4, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

- I. <u>BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR 3 and YEAR 4 and Year 5</u> and Year 6 and Year 7 and Year 8.
- (a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$53,499,612.27.

This allotment covers Task Orders 1 through 15CX1-4, from March 1, 2008 through March 15, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

 (b)(4)

 An additional amount of is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,499,612.27.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (h)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. <u>BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6</u> AND 7

The total firm-fixed-price of Delivery Orders 1 through 15EC1-11 is \$119,664,148.69.

This allotment covers Delivery Orders 1 through 15EC1-11 from March 1, 2008 through April 15, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 195-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT II) CODE		PAGE C	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	FO NO		5. PROJECT NO	(If applicable	5
506	See Block 16C	4200565980; 566577			. (п аррпсарі		
6. ISSUED BY CODE	BJ	7 ADMINISTERED BY (If other t	than Item 6)		CO	DE DIE	
NASA Lyndon B. Johnson Space Center Institutional Procurement Office Houston, TX 77058	BJ	7. ADMINISTERED BY (If other than Item 6) CODE B. Helen Bell, Contract Specialist PH: 281.483.8149 Email: helen.b.bell@nasa.gov				DE BJ5	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)	<u> </u>	(4)	9A. AME	ENDMENT OF SOI	LICITATION I	NO.
PAE Applied Technologies LLC Attn: David W. Popham, Program Manag 6500 West Fwy, Suite 600 Fort Worth, TX 76116	ger	9B. DATED (SEE ITEM 11) 10A. MODIFICATION OF CONTI				ORDER NO.	
4.1000			X		ATED (SEE ITEM	13)	
CODE 1JGQ2	FACILITY CODE	ANAENDNAENTO OF OOLIG	NTATIONIO	01/03	/2008		
		AMENDMENTS OF SOLIC					
The above numbered solicitation is amended as set forth		·			is not extended	1.	
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified.					HE PLACE Imendment		
12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE							
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS, IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.							
(4) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.					ITEM 10A.		
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).				e, etc.)			
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X D. OTHER: Specify type of modification and authority) 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984)					e)		
E. IMPORTANT: Contractor ⊠is not, □	is required to sign the	nis document and retu	ırn co	oies to	the issuing	g office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)					ible.)		
The purpose of this modification:							
1. Incrementally Fund Base Estimated Cost in the amount of (b)(4)							
Incrementally Fund Base Fixed Fee in the amount of (b)(4)							
2. Incrementally Fund Annex4 Estimated Cost in the amount of (b)(4) Incrementally Fund Annex 4 Estimated Cost in the amount of (b)(4)							
•							
Deobligate Funds from An Incrementally Fund Annex							
	See	e Page 2					
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLI Dominic J. Golem				print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AMERICA	C	160	DATE SIG	NED
(Signature of person authorized to sign)		-2	1		tally signed b ÷2015.09.18		

(Signature of person authorized to sign)

- 4. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$7,600.00.
- 5. Clause B.4 CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.
- 6. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 7. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$264,241,420.92 by \$465,000.00 to \$264,706,420.92.



2. Contract Annex 4 funding is increased from \$53,499,612.27 by \$341,515.00 to \$53,841,127.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,499,612.27
Incrementally Fund : This Action: Redistribute from Annex 4 to Annex 5:		(b)(4)		\$349,115.00 (\$7,600.00) \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$53,841,127.27

3. Contract Annex 5 funding is increased from \$119,664,148.69 by \$770,492.97 to \$120,434,641.66.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$119,664,148.69
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4:	\$762,892.97 \$7,600.00
Revised Cumulative Obligations:	\$120,434,641.66

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **October 9, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

Ι.

and Year 6 and Year 7 and Year 8.

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR 3 and YEAR 4 and Year 5

(a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$53,841,127.27.
This allotment covers Task Orders 1 through 15GA1-1, from March 1, 2008 through May 15, 2016.
(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4) (b)(4) An additional amount of (b)(4) (b)(4)
(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,841,127.27.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. <u>BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6</u> AND 7

The total firm-fixed-price of Delivery Orders 1 through 2911 is \$120,4344,641.66.

This allotment covers Delivery Orders 1 through 2911 from March 1, 2008 through May 15, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery A

				1. CONTRACT	ID CODE	PAGE OF	proval 2700-00
AM	ENDMENT OF SOLICITATION/N	MODIFICATION OF	CONTRACT			1	5
2. AMENDI	MENT/MODIFICATION NO. 507	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE R	EQ. NO.	5. PROJECT I	NO. (If applicable	
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other to	than Item 6)		ODE BJ5	
Instituti	Lyndon B. Johnson Space Center onal Procurement Office n, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@				
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)	1	(4)	9A. AMENDMENT OF S	OLICITATION N	O.
PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 6500 West Fwy, Suite 600 Fort Worth, TX 76116					9B. DATED (SEE ITEM 10A. MODIFICATION O NNJ08JA02C		RDER NO.
				X	10B. DATED (SEE ITEM 13)		
CODE 1J	GQ2	FACILITY CODE			01/03/2008		
			AMENDMENTS OF SOLIC				
	ove numbered solicitation is amended as set forth st acknowledge receipt of this amendment prior to				· —	ed.	
separate I DESIGNA you desire amendme	mpleting Items 8 and 15, and returning one (1) of etter or telegram which includes a reference to th TED FOR THE RECEIPT OF OFFERS PRIOR THE to change an offer already submitted, such chand, and is received prior to the opening hour and disjunctions and American American Support of the opening hour and disjunction of the opening hour and disjunctions and American Support of the opening hour and disjunctions and the opening hour and disjunctions are supported by	e solicitation and amendmen O THE HOUR AND DATA Sange may be made by teleg	It numbers. FAILURE OF YOU SPECIFIED MAY RESULT IN R	JR ACKNOWLE EJECTION OF	EDGMENT TO BE REC YOUR OFFER. If by v	EIVED AT TH virtue of this an	IE PLACE mendment
	CHEDULE		Net incre	ease: -\$	29,502.55		
	13. THIS ITEM APPLIE IT MODIFIES THE						
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	NT TO: (Specify authority) Th	HE CHANGES SET FORTH IN IT	EM 14 ARE MAI	DE IN THE CONTRACT/0	ORDER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:						, etc.)	
X	D. OTHER: Specify type of modification and auth 1852.232-77 Limitation of Funds (Fix (APR 1984)		(ARCH 1989) 52.232-22	2 Limitation	of Funds (Cost Re	eimbursable	e)
E. IMP	ORTANT: Contractor ⊠is not, □	is required to sign the	his document and retu	ırn cc	ppies to the issuir	ng office.	
	CRIPTION OF AMENDMENT/MODIFICATION					_	ble.)
The pu	rpose of this modification:						
	1. Deobligate Funds from Ani	nex 5 Firm Fixed F	Price in the amount o	of -\$29,50	2.55.		
	2. Clause B.7 – CUMULATIV (ANNEX 5) is hereby modif			M FIXED	-PRICE DELIV	ERY OR	DERS

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)		1/2/2/1000	signed by Jason Phillips 5.09.23 15:14:18 -05'00'		

1. Contract Annex 5 funding is decreased from \$120,434,641.66 by -\$29,502.55 to \$120,405,139.11.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding	
Prior Cumulative Obligations:	\$120,434,641.66	
Incrementally Fund: This Action:	\$0.00	
Deobligate funds from Annex 5:	(\$29,502.55)	
Revised Cumulative Obligations:	\$120,405,139.11	

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,405,139.11.

This allotment covers Delivery Orders 1 through 15EA5-5 from March 1, 2008 through May 15, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1201-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1498-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1519-Recovery Act</u>, <u>1011-16-Recovery Act</u>, <u>1011-17-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1198-1-Recovery Act</u>, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of <u>\$12,521,713.69</u>.

							OMB Ap	oproval 2700-004
AM	ENDMENT OF SOLICITATION/N	IODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE OF	PAGES 4
2. AMEND	MENT/MODIFICATION NO. 508	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE RI 4200567			PROJECT NO		
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other to	than Item 6)		CO	DE BJ5	
Instituti	Lyndon B. Johnson Space Center onal Procurement Office n, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@					
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, county, \$	State and ZIP: Code)	1	(4)	9A. AMENE	DMENT OF SOL	LICITATION N	O.
PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 6500 West Fwy, Suite 600					9B. DATE	D (SEE ITEM 1	1)	
Fort V	ort Worth, TX 76116			X	NNJ08	FICATION OF OBJA02C		RDER NO.
CODE 1J	GQ2	FACILITY CODE			01/03/2008			
			AMENDMENTS OF SOLIC	_				
Offers mu (a) By conseparate I DESIGNA you desire amendme 12. ACCOL SEE SC	ove numbered solicitation is amended as set forth at acknowledge receipt of this amendment prior to the stacknowledge receipt of this amendment prior to the pletter or telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR TO a to change an offer already submitted, such chant, and is received prior to the opening hour and day INTING AND APPROPRIATION DATA (If required) CHEDULE 13. THIS ITEM APPLIE IT MODIFIES THE (In	he hour and date specified in oppy of the amendment; (b) a solicitation and amendment of the HOUR AND DATA Singe may be made by telegita specified. SONLY TO MODICONTRACT/ORD	n the solicitation or as amended By acknowledging receipt of the structure	d, by one of the his amendment UR ACKNOWLI REJECTION OF telegram or letters. Passe: \$9 ONTRACT	following me on each co EDGMENT TYOUR OFF er makes re	py of the offer TO BE RECE FER. If by viril ofference to the ERS,	er submitted; IVED AT TH tue of this ar le solicitation	IE PLACÉ mendment n and this
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 104 B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
Х	D. OTUED, Specify type of modification and authority)						e)	
E. IMP	ORTANT: Contractor ⊠is not, □	is required to sign the	his document and retu	ırn co	pies to tl	he issuing	g office.	
	RIPTION OF AMENDMENT/MODIFICATION Prose of this modification:	N (Organized by UCF se	ection headings, including s	solicitation/co	ntract subje	ect matter w	/here feasii	ble.)
	1. Incrementally Fund Annex	5 Firm Fixed Price	in the amount of \$9	9,721.44				
	 Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$109,005.00. 					ount of		
	3. Redistributing Funds from A	Annex 4 Fixed Fee	e to Annex 5 Firm Fi	ixed Price	in the a	mount o	f \$5,995	5.00.
	4. Clause B.6 - CUMULATIV	E VALUE AND	FUNDING FOR C	OST-REIN	MBURSA	ABLE TA	ASK-OR	DERS

 Clause B.6 – CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)		1/ / / / / / / / / / / / / / / / / / /	signed by Jason Phillips 15.09.24 14:46:10 -05'00'		

- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is decreased from \$53,841,127.27 by -\$115,000.00 to \$53,726,127.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,841,127.27
Incrementally Fund : This Action: Redistribute from Annex 4 to Annex 5:		(b)(4)		\$0.00 (\$115,000.00) \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$53,726,127.27

2. Contract Annex 5 funding is increased from \$120,405,139.11 by \$124,721.44 to \$120,529,860.55.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$120,405,139.11
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4:	\$9,721.44 \$115,000.00
Revised Cumulative Obligations:	\$120,529,860.55

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

I.	BASE PERIOD FOR CON	ITRACT YEAR 1 AN	ID 2 Including Ex	ercised options	YEAR 3 and	YEAR 4 and	Year 5
and `	Year 6 and Year 7 and Yea	<u>ır 8.</u>	-				
(a) ⁻	The estimated cost of Anne	ex 4 is (b)(4)	The maximun	n available awa	rd fee is	(b)(4)	
The	fixed-fee is (b)(4)	The total estimated	d cost, maximum	award fee, and	fixed-fee are	\$53,726,127	7.27 .

This allotment covers Task Orders 1 through 15OD1-2, from March 1, 2008 through May 15, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

 (b)(4)

 An additional amount of (b)(4)

 (b)(4)
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,726,127.27.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (h)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is (h)(4) and is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,529,860.55.

This allotment covers Delivery Orders 1 through 15EA5-5 from March 1, 2008 through May 15, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

				4 000177	ID 00==		1	pproval 2700-00
AN	IENDMENT OF SOLICITATION/I	MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE O	F PAGES
			1			1	1	2
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.		5. PROJECT N	IO. (If applicable	e)
	509	See Block 16C	N/A					
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other t	than Itom 6)			ODE BJ5	
	Lyndon B. Johnson Space Center	DJ	Helen Bell, Contract			Ü	ODE DJ3	
	ional Procurement Office		PH: 281.483.8149	Opoolaliot				
	on, TX 77058		Email: helen.b.bell@	nasa.gov				
	AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AM	ENDMENT OF SO	OLICITATION N	1O.
PAF	Applied Technologies LLC				+			
	David W. Popham, Program Manag	per			9B. DA	TED (SEE ITEM	11)	
	West Fwy, Suite 600	,						
	Vorth, TX 76116				1	ODIFICATION OF	CONTRACT/C	ORDER NO.
				X		08JA02C ated <i>(see iten</i>	// 12\	
CODE 1	IGQ2	FACILITY CODE				8/2008	,	
	11. THIS I		AMENDMENTS OF SOLIC	ITATIONS				
☐The al	pove numbered solicitation is amended as set forth	n in Item 14. The hour and da	ate specified for receipt of Offers	is extende	ed,	is not extende	ed.	
Offers mu	st acknowledge receipt of this amendment prior to	the hour and date specified i	in the solicitation or as amended	I, by one of the	following	methods:		
	mpleting Items 8 and 15, and returning one (1)							
	letter or telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR TO THE RECEIPT OF T							
you desir	e to change an offer already submitted, such ch	nange may be made by tele						
	ent, and is received prior to the opening hour and of UNTING AND APPROPRIATION DATA (If required)	lata specified.						
	, , ,							
SEE SO	CHEDULE		Net incre	ease: \$0	0.00			
	13. THIS ITEM APPLIE	S ONLY TO MOD	IFICATIONS OF CO	NTRACT	S/OR	DERS,		
	IT MODIFIES THE	CONTRACT/ORD	ER NO. AS DESCR	IBED IN I	ITEM	14.		
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) T	HE CHANGES SET FORTH IN IT	EM 14 ARE MAI	DE IN THE	CONTRACT/O	RDER NO. IN	ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORD SET FORTH IN ITEM 14, PURSUANT TO THE AU		T THE ADMINISTRATIVE CHANG	GES (such as ch	anges in p	paying office, app	propriation dat	e, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS EN		AUTHORITY OF:					
Х	D. OTHER: Specify type of modification and au							
	1852.232-77 Limitation of Funds (Fi	xed Price Contract) (N	IARCH 1989) 52.232-22	2 Limitation	of Fun	ds (Cost Re	eimbursabl	e)
	(APR 1984)							
E. IMF	PORTANT: Contractor $oxtimes$ is not, $oxtimes$	is required to sign t	his document and retu	ırn co	ppies to	the issuir	ng office.	
14. DES	CRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF s	ection headings, including s	solicitation/co	ntract sı	ıbject matter	where feas	ible.)
The pu	rpose of this modification is to d	correct erroneous e	errors which occurre	d on mod	ificatio	ns 506. 5	07 and	508
7	.,,							
		S	ee Page 2					
xcept at prov	ided herein, all terms and conditions of the document refe	renced in Item 9A or 10A as here	etofore changed, remains unchanged	l and in full force :	and effect			
15A. NAN	IE AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITL	E OF CONTRAC	TING OF	FICER (Type o	r print)	

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		Dominic J. Golemi, Contracting Office	r		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)			tally signed by Dominic Golemi £2015.10.08 16:08:44 -05'00'		

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

30-105 COMPUTER GENERATED FAR (48 CFR) 53.24

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

1. Mod 506 Page 3 Item 3:

From

Contract Annex 5 funding is increased from \$119,664,148.69 by \$770,492.97 to \$120,434,641.66.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$119,664,148.69
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4:	\$762,892.97 \$7,600.00
Revised Cumulative Obligations:	\$120 434 641 66

TO

Contract Annex 5 funding is increased from \$119,664,148.69 by \$769,279.74 to \$120,433,428.43.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$119,664,148.69
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4: DeObligate: This Action	\$762,892.97 \$7,600.00 (\$1,213.23)
Revised Cumulative Obligations:	\$120,433,428.43

Mod 506 Page 5 Paragraph B.7.

FROM:

B.7

The total firm-fixed-price of Delivery Orders 1 through 2911 is \$120,4344,641.66.

TO:

B.7

The total firm-fixed-price of Delivery Orders 1 through 2911 is \$120,433,428.43.

2. Mod 507 Page 2 Item 1.

FROM:

Contract Annex 5 funding is decreased from \$120,434,641.66 by -\$29,502.55 to \$120,405,139.11.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding	
Prior Cumulative Obligations:	\$120,434,641.66	
Incrementally Fund: This Action:	\$0.00	
Deobligate funds from Annex 5:	(\$29,502.55)	
Revised Cumulative Obligations:	\$120,405,139.11	

TO:

Contract Annex 5 funding is decreased from \$120,433,428.43 by -\$29,502.55 to \$120,403,925.88.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$120,433,428.43
Incrementally Fund: This Action: Deobligate funds from Annex 5:	\$0.00 (\$29,502.55)
Revised Cumulative Obligations:	\$120,403,925.88

Mod 507 page 2 paragraph B.7:

FROM:

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,405,139.11.

TO:

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,403,925.88.

3. Mod 508 page 2 item 1.

FROM: ;

Contract Annex 5 funding is increased from \$120,405,139.11 by \$124,721.44 to \$120,529,860.55.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$120,405,139.11
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4:	\$9,721.44 \$115,000.00
Revised Cumulative Obligations:	\$120,529,860.55

TO:

Contract Annex 5 funding is increased from \$120,403,925.88 by \$124,721.44 to \$120,528,647.32.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$120,403,925.88
Incrementally Fund: This Action: Redistribute to Annex 5 from Annex 4:	\$9,721.44 \$115,000.00
Revised Cumulative Obligations:	\$120,528,647.32

Mod 508 page 4 paragraph B.7.

TO:

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,529,860.55.

FROM:

The total firm-fixed-price of Delivery Orders 1 through 15EA5-5 is \$120,528,647.32.

In conclusion Annex 5 total funded amount is \$129,528,647.32.

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACTI	D CODE		PAGE U	r PAGES	
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	EQ NO		5. PROJECT NO	(If applicable	5	
510	See Block 16C	4200568029; 568028			0. 11100201110	э. (т аррпоаыс	7	
310	Jee Block 100	720000023,	000020					
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		CO	DE BJ5		
NASA Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist			200		
Institutional Procurement Office		PH: 281.483.8149	'					
Houston, TX 77058		Email: helen.b.bell@	nasa.gov					
NAME AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AME	NDMENT OF SO	LICITATION N	IO.	
PAE Applied Technologies LLC				†				
Attn: David W. Popham, Program Manag	ner			9B. DAT	ED (SEE ITEM 1	1)		
6500 West Fwy, Suite 600	301				(-	,		
Fort Worth, TX 76116					DIFICATION OF	CONTRACT/C	RDER NO.	
1 611 17 61 11 6			X		8JA02C			
CODE 1JGQ2	FACILITY CODE			10B. DA	TED (SEE ITEM	13)		
		AMENDMENTS OF SOLIC	ITATIONS	01/03/	2000			
The above numbered solicitation is amended as set forth				- П	is not extended	4		
Offers must acknowledge receipt of this amendment prior to						J.		
(a) By completing Items 8 and 15, and returning one (1)	•					er submitted	or (c) By	
separate letter or telegram which includes a reference to the	ne solicitation and amendment	numbers. FAILURE OF YOU	IR ACKNOWLE	DGMENT	TO BE RECE	IVED AT TH	IE PLACE	
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR of the value o								
amendment, and is received prior to the opening hour and o		rain or letter, provided each t	cicgiam or lette	i makes	reference to ti	ic solicitatio	i ana inis	
12. ACCOUNTING AND APPROPRIATION DATA (If required)								
SEE SCHEDULE		Net incre	ase: \$4 ,	,007,52	4.31			
13. THIS ITEM APPLIE	S ONLY TO MODI	FICATIONS OF CO	NTRACTS	S/ORE	DERS,			
IT MODIFIES THE	CONTRACT/ORD	ER NO. AS DESCR	IBED IN I	ТЕМ 1	4.			
(4) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A.								
B. THE ABOVE NUMBERED CONTRACT/ORD SET FORTH IN ITEM 14, PURSUANT TO THE AU	ER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANG	SES (such as cha	nges in pa	aying office, appr	ropriation date	etc.)	
C. THIS SUPPLEMENTAL AGREEMENT IS EN		AUTHORITY OF:						
X D. OTHER: Specify type of modification and au								
1852.232-77 Limitation of Funds (Fi	xed Price Contract) (M	ARCH 1989) 52.232-22	2 Limitation	of Fund	ls (Cost Rei	mbursabl	e)	
(APR 1984)								
E. IMPORTANT: Contractor ⊠is not, □	is required to sign th	nis document and retu	ırn co	pies to	the issuin	g office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF se	ection headings, including s	colicitation/con	tract sul	bject matter v	vhere feasi	ble.)	
The purpose of this modification:								
1. Incrementally Fund Base	Estimated Cost in t	the amount of	h)(4)					
•				•				
Incrementally Fund Base	rixeu ree iii iiie ai							
2. Incrementally Fund Annex	2. Incrementally Fund Annex4 Estimated Cost in the amount of (b)(4)							
Incrementally Fund Annex 4 Estimated Cost in the amount of (b)(4)								
incrementally rund Anne.	K 4 LSIIIIaleu Cost	iii tiie airiourit oi	10)(4)					
3. Deobligate Funds from Annex 5 Firm Fixed Price in the amount of -\$56,559.69.								
Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$525,149.00.								
	See	Page 2						
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE				print)		
4FD CONTRACTOR/OFFFECC	450 DATE 0101/55	Dominic J. Golen		y Office		DATE 0:0	NED	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AWIERICA		160	C. DATE SIG	INED	

(Signature of person authorized to sign)

Digitally signed by Dominic Golemi Date: 2015.10.08 16:09:32 -05'00'

fficer)

- 4. Clause B.4 CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$264,706,420.92 by \$3,421,735.00 to \$268,128,155.92.

Contract Base Funding Recapitulation	Estimated Cost Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:			\$264,706,420.92
Incrementally Funded: this Action	(b)(4)		\$3,421,735.00 \$0.00 \$0.00
Revised Cumulative Obligations:			\$268,128,155.92

2. Contract Annex 4 funding is increased from \$53,726,127.27 by \$117,200.00 to \$53,843,327.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,726,127.27
Incrementally Fund : This Action:				\$117,200.00 \$0.00 \$0.00 \$0.00
Revised Cumulative Obligations:				\$53,843,327.27

3. Contract Annex 5 funding is increased from \$120,528,647.32 by \$468,589.31 to \$120,997,236.63.

Contract Annex 5 Funding Recapitulation	Funding
Prior Cumulative Obligations:	\$120,528,647.32
Incrementally Fund: This Action: DeObligate Funds Annex 5:	\$525,149.00 (\$56,559.69)
Revised Cumulative Obligations:	\$120,997,236.63

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **November 12, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

Ι.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR 3 and YEAR 4 and Year 5
and '	Year 6 and Year 7 and Year 8.
` '	The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$53,843,327.27.
	This allotment covers Task Orders 1 through 15GA1-1, from March 1, 2008 through April 15, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$53,843,327.27.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (h)(4) The maximum available fixed fee is (h)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is (b)(4) Ar additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7

The total firm-fixed-price of Delivery Orders 1 through 2941 is \$120,997,236.63.

This allotment covers Delivery Orders 1 through 2941 from March 1, 2008 through May 17, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACTID	CODE	PAGE OI	PAGES
2. AMENDMENT/MODIFICATION NO.	MENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. N			5. PROJECT N	NO. (If applicable	2
511	See Block 16C	N/A				
6. ISSUED BY CODE NASA Lyndon B. Johnson Space Center Institutional Procurement Office Houston, TX 77058	BJ	7. ADMINISTERED BY (If other to Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@	Specialist	C	CODE BJ5	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)			9A. AMENDMENT OF S	OLICITATION N	10.
PAE Applied Technologies LLC Attn: David W. Popham, Program Manag 6500 West Fwy, Suite 600 Fort Worth, TX 76116	ger			9B. DATED (SEE ITEM 10A. MODIFICATION O NNJ08JA02C)RDER NO.
41000				10B. DATED (SEE ITE)	И 13)	
CODE 1JGQ2	FACILITY CODE	AMENDMENTS OF SOLIC		01/03/2008		
		AMENDMENTS OF SOLIC				
The above numbered solicitation is amended as set forth Offers must acknowledge receipt of this amendment prior to					ea.	
(a) By completing Items 8 and 15, and returning one (1) separate letter or telegram which includes a reference to the DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such chamendment, and is received prior to the opening hour and content of the complete of the submitted of the complete of	copy of the amendment; (b) E ne solicitation and amendment TO THE HOUR AND DATA S nange may be made by teleg	By acknowledging receipt of the trumbers. FAILURE OF YOU PECIFIED MAY RESULT IN R	nis amendment of JR ACKNOWLED EJECTION OF Y	n each copy of the opgment TO BE RECOUR OFFER. If by v	EIVED AT TH	HE PLACE mendment
SEE SCHEDULE						
13. THIS ITEM APPLIE IT MODIFIES THE (4) A. THIS CHANGE ORDER IS ISSUED PURSUA	CONTRACT/ORDI	ER NO. AS DESCR	IBED IN IT	EM 14.	ORDER NO. IN	ITEM 10A.
▼ B. THE ABOVE NUMBERED CONTRACT/ORD	ED IS MODIFIED TO BEEL FOT	THE ADMINISTRATIVE CHANG	SES (ayah as ahan	goo in noving office on	propriation date	
A SET FORTH IN ITEM 14, PURSUANT TO THE AU	THORITY OF FAR 43.103(b).		SES (SUCTI AS CHAIT	ges in paying onice, ap	ргорпацоп цац	÷, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT TO A	AUTHORITY OF:				
D. OTHER: Specify type of modification and au	thority)					
E. IMPORTANT: Contractor ⊠is not, ☐ 14. DESCRIPTION OF AMENDMENT/MODIFICATI						ihle)
THE DECORATION OF PRINCIPLINING BILLION	orv (organizou by o'or oo	onon moderngo, molecung e	ononation, conti	act casject matter	Willow Todas	5.5.7
The purpose of this modification	is to update contrac	ct clause H.9 - Key	Personnel a	and Facilities	as follow	s:
 Update the "Program Manage Contracting Officer and; 	ger" and "Deputy	Program Manager"	as coordi	nated and ap	proved	by the
2.	(b)((4)				
See Page 2 for more information						
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE print) Dominic J. Go			or	
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	15C. DATE SIGNED	→ §	1	Digitally signed Golemi Date: 2015.10.2	•	

Section H.9 is therefore changed FROM:

H.9 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

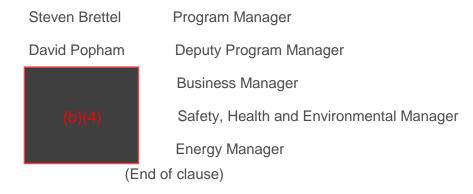
- A. The personnel and/or facilities listed below are considered essential to the work being performed under this Contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the CO reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this Contract.
- B. The Contractor shall make no diversion without the CO's written consent; <u>provided</u> that the CO may ratify in writing the proposed change, and that ratification shall constitute the CO's consent required by this clause.
- C. The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the Contract to add or delete personnel and/or facilities.



TO:

H.9 KEY PERSONNEL AND FACILITIES (NFS 1852.235-71) (MAR 1989)

- A. The personnel and/or facilities listed below are considered essential to the work being performed under this Contract. Before removing, replacing, or diverting any of the listed or specified personnel or facilities, the Contractor shall (1) notify the CO reasonably in advance and (2) submit justification (including proposed substitutions) in sufficient detail to permit evaluation of the impact on this Contract.
- B. The Contractor shall make no diversion without the CO's written consent; <u>provided</u> that the CO may ratify in writing the proposed change, and that ratification shall constitute the CO's consent required by this clause.
- C. The list of personnel and/or facilities (shown) may, with the consent of the contracting parties, be amended from time to time during the course of the Contract to add or delete personnel and/or facilities.



PAGE

1. CONTRACT ID CODE

AM	ENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT			4	-
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	EQ. NO.	5. PROJEC	CT NO. (If applicable	5
	512	See Block 16C	4200568996; 569697				
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		CODE BJ5	
NASA	Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist			
	onal Procurement Office		PH: 281.483.8149				
	n, TX 77058		Email: helen.b.bell@	nasa.gov			
	AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AMENDMENT O	F SOLICITATION N	iO.
	Applied Technologies LLC						
	David W. Popham, Program Manaç West Fwy, Suite 600	ger			9B. DATED (SEE IT	EM 11)	
	Vest Pwy, Suite 600 Vorth, TX 76116				10A. MODIFICATION		ORDER NO.
1 OIL V	70111, 177 70110			X	NNJ08JA020		
CODE 1J	GQ2	FACILITY CODE			10B. DATED (SEE)	ITEM 13)	
		TEM ONLY APPLIES TO A	MENDMENTS OF SOLIC	ITATIONS	0.700,2000		
The ab	ove numbered solicitation is amended as set forth	n in Item 14. The hour and date	specified for receipt of Offers	is extende	d, is not exte	ended.	
Offers mu	st acknowledge receipt of this amendment prior to	the hour and date specified in	the solicitation or as amended	, by one of the f	ollowing methods:		
	impleting Items 8 and 15, and returning one (1) etter or telegram which includes a reference to the						
DESIGNA	TED FOR THE RECEIPT OF OFFERS PRIOR T	TO THE HOUR AND DATA SF	PECIFIED MAY RESULT IN R	EJECTION OF	YOUR OFFER. If I	by virtue of this ar	mendment
	e to change an offer already submitted, such chant, and is received prior to the opening hour and comments.		am or letter, provided each t	elegram or lette	er makes reference	to the solicitatio	n and this
12. ACCOL	JNTING AND APPROPRIATION DATA (If required)	·					
SEE SC	HEDULE		Net incre	ase: \$1	,395,240.27		
	13. THIS ITEM APPLIE	S ONLY TO MODIF			,		
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA					T/OPDEP NO. IN	ITEM 10A
(4)	A. THIS CHANGE ORDER IS ISSUED FOR SOM	ANT TO: (Specify authority) This	CHANGES SETT ORTHINTH	LIVI 14 AILL IVIAL	LIN THE CONTRAC	, I/ONDLIN NO. IIV	TILWITOA.
	B. THE ABOVE NUMBERED CONTRACT/ORD	ER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANG	GES (such as cha	anges in paying office,	, appropriation date	e, etc.)
	SET FORTH IN ITEM 14, PURSUANT TO THE AU C. THIS SUPPLEMENTAL AGREEMENT IS EN		ITHODITY OF:				
	C. THIS SOLL ELIMENTAL AGREEMENT IS EN	TENED INTO FONGOANT TO A	omokin or.				
Х	D. OTHER: Specify type of modification and au						
	1852.232-77 Limitation of Funds (Fi	xed Price Contract) (MA	ARCH 1989) 52.232-22	2 Limitation	of Funds (Cost	Reimbursable	e)
	(APR 1984)						
	ORTANT: Contractor 🖂 is not, 🗌				pies to the iss		
	CRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF see	ction headings, including s	solicitation/cor	ntract subject mat	ter where feasi	ble.)
The pu	rpose of this modification:						
	 Deobligate Funds from Ba 	ase Estimated Cost	in the amount of	(b)(4)			
	Incrementally Fund Base	Estimated Cost in ti	he amount of 📉 🕧	0)(4)			
	Deobligate Funds from Ba	ase Fixed Fee in the	amount of (h)	(4)			
	Incrementally Fund Base						
	incrementally rund base	i ixed i ee iii tiile aii	100111 01				
					_		
	2. Incrementally Fund Annex	x4 Estimated Cost in	n the amount of	(b)(4)			
	Incrementally Fund Annex	x 4 Fixed Fee in the	amount of (b)(4	I)			
	•	See	Page 2				
Except at provi	ded herein, all terms and conditions of the document refe			and in full force a	nd effect.		
znoopt at provi			rere enangea, remaine anenangea	ana miaminoroo a			
15A. NAM	E AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE Dominic J. Golen			pe or print)	
15B. CON	TRACTOR/OFFEROR	15C. DATE SIGNED		0 0	Digitally sign	ned by Domi	NFP
			7.0	711.	Golemi	,	. =
(Signatur	e of person authorized to sign)				Date: 2015.1	0.28 17:04:0	3 -05'00'

- 3. Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$1,152,137.27.
- 4. Redistributing from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of (b)(4)
- 5. Clause B.4 CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.
- 6. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 7. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$268,128,155.92 by \$0.00 to \$268,128,155.92.



2. Contract Annex 4 funding is increased from \$53,843,327.27 by \$246,353.00 to \$54,089,680.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$53,843,327.27
Incrementally Fund : This Action: Redistribute from Annex 5 to Annex 4:		(b)(4)		\$243,103.00 \$3,250.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$54,089,680.27

3. Contract Annex 5 funding is increased from \$120,997,236.63 by \$1,148,887.27 to \$122,146,123.90.

Contract Annex 5 Funding Recapitulation	Funding
Prior Cumulative Obligations:	\$120,997,236.63
Incrementally Fund: This Action: Redistribute from Annex 5 to Annex 4:	\$1,152,137.27 (\$3,250.00)
Revised Cumulative Obligations:	\$122,146,123.90

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **November 12, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

I.

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR 3 and YEAR 4 and Year 5

and Year 6	Sand Year 7 and Year 8.	
(a) The es	stimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The total estimated cost, maximum award fee, and fix	
Th	s allotment covers Task Orders 1 through 16SK1, from March 1, 2008 through	gh April 15, 2016 .
(b)	For purposes of payment of cost, exclusive of fee, in accordance with the L total amount allotted by the Government for Task Orders is (b)(4)	imitation of Funds clause, the An additional amount of

(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,089,680.27.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

is obligated under this contract for payment of award fee.

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (h)(4) The maximum available fixed fee is (h)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR 3 AND 4 AND 5 AND 6 AND 7

The total firm-fixed-price of Delivery Orders 1 through 16ES1 is \$122,146,123.90.

This allotment covers Delivery Orders 1 through 16ES1 from March 1, 2008 through May 17, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

PAGE OF PAGES

1. CONTRACT ID CODE

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT				1	5
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO).		5. PROJECT NO	. (If applicable	
513	See Block 16C	4200570267; 571112					
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other than Ite	m 6)		COI	DE BJ5	
NASA Lyndon B. Johnson Space Center		Helen Bell, Contract Spe	cialist				
Institutional Procurement Office		PH: 281.483.8149					
Houston, TX 77058		Email: helen.b.bell@nas		T			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county	, State and ZIP: Code)		(4)	9A. AMEI	NDMENT OF SOL	ICITATION N	10.
PAE Applied Technologies LLC Attn: David W. Popham, Program Mana	gor			OR DAT	ED <i>(SEE ITEM 1</i> 1	1)	
6500 West Fwy, Suite 600	gei			JD. DAT	LD (OLL II LW II	,	
Fort Worth, TX 76116					DIFICATION OF C	CONTRACT/C	RDER NO.
			X		8JA02C TED <i>(SEE ITEM</i> 1	13)	
CODE 1JGQ2	FACILITY CODE			01/03/			
11. THIS I	TEM ONLY APPLIES TO	AMENDMENTS OF SOLICITAT	IONS				
The above numbered solicitation is amended as set fort	h in Item 14. The hour and da	te specified for receipt of Offers i	s extende	ed,	is not extended	1.	
Offers must acknowledge receipt of this amendment prior to	·						
(a) By completing Items 8 and 15, and returning one (1) separate letter or telegram which includes a reference to t	copy of the amendment; (b) the solicitation and amendment	By acknowledging receipt of this am it numbers. FAILURE OF YOUR AC	endment KNOWLE	on each of DGMENT	copy of the offe	r submitted; IVED AT TH	; or (c) By HE PLACE
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such c	TO THE HOUR AND DATA S	SPECIFIED MAY RESULT IN REJEC	TION OF	YOUR OF	FER. If by virt	ue of this ar	mendment
amendment, and is received prior to the opening hour and		gram or letter, provided each telegre	1111 OI 1010	Ci makes	TOTOTOTIOG TO TH	C 301101tation	ii and tino
12. ACCOUNTING AND APPROPRIATION DATA (If required)		N					
SEE SCHEDULE		Net increase:		,084,39			
		IFICATIONS OF CONT ER NO. AS DESCRIBE			,		
(4) A. THIS CHANGE ORDER IS ISSUED PURSU						DER NO. IN	ITEM 10A
(4) / / / / / / / / / / / / / / / / / / /	Title (opeony dunionly)	ie on moed de l'orthin in lem l'i	, are mire	, , , , , , , , , ,	301111111017011	DEICHO. IIV	TIEW TOXE
B. THE ABOVE NUMBERED CONTRACT/ORI SET FORTH IN ITEM 14, PURSUANT TO THE AU		T THE ADMINISTRATIVE CHANGES (s	uch as cha	anges in pa	ying office, appro	opriation date	e, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS EN	NTERED INTO PURSUANT TO	AUTHORITY OF:					
D. OTHER: Specify type of modification and au	ithority)						
X 1852.232-77 Limitation of Funds (F)		IARCH 1989) 52.232-22 Lin	nitation	of Fund	ls (Cost Rei	mbursabl	e)
(APR 1984)		, 					
E. IMPORTANT: Contractor ⊠is not, □] is required to sign the	his document and return _	co	pies to	the issuing	office.	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ection headings, including solicit	ation/cor	ntract suk	oject matter w	here feasi	ble.)
The purpose of this modification:							
 Incrementally Fund Base 	Estimated Cost in	the amount of (b)(4	4)				
Incrementally Fund Base	Fixed Fee in the ai	mount of $(b)(4)$					
,							
2. Incrementally Fund Anne	v4 Estimated Cost	in the amount of	(A \				
•		(10)	(4)				
Incrementally Fund Anne	x 4 Fixed Fee in the	e amount of (b)(4)					
Incrementally Fund Anne			3,116.1	2.			
	Se	ee Page 2					
Except at provided herein, all terms and conditions of the document ref	erenced in Item 9A or 10A, as here	tofore changed, remains unchanged and in	full force a	nd effect.			
15A NAME AND TITLE OF CIONED (Time as with		16A NAME AND TITLE OF	ONTO A C	TINO OFF	CED /Times	nrint)	
15A. NAME AND TITLE OF SIGNER (Type or print)		Jason C. Phillips, Con			OEN (Type of)	лиц	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1 10.1	A	Digita	ally signed to	DATE SIG	Phillips
		- Joshily	22	Date	: 2015.11.1		
(Signature of person authorized to sign)		-101	office	-06'0	0'		

- 4. Clause B.4 CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$268,128,155.92 by \$2,941,423.00 to \$271,069,578.92.



2. Contract Annex 4 funding is increased from \$54,089,680.27 by \$14,853.00 to \$54,104,533.27.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				54,089,680.27
Incrementally Fund : This Action:		(b)(4)		\$14,853.00 \$0.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$54,104,533.27

3. Contract Annex 5 funding is increased from \$122,146,123.90 by \$128,116.12 to \$122,274,240.02.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$122,146,123.90
Incrementally Fund: This Action:	\$128,116.12
Revised Cumulative Obligations:	\$122,274,240.02

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **December 13, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8.

Ι.

(c) An additional amount

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

(a) The o	estimated cost of Annex 4 is (h)(4) The maximum available award l-fee is (b)(4) The total estimated cost, maximum award fee, and fix	(-2)
Т	his allotment covers Task Orders 1 through 16EV1, from March 1, 2008 throu	ıgh <u>May 15, 2016</u> .
(b	total amount allotted by the Government for Task Orders is (b) (4)	imitation of Funds clause, the An additional amount of

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

estimated cost, maximum award fee, and fixed-fee are \$54,104,533.27.

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

is obligated under this contract for payment of fixed fee. The total

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders <u>74-Recovery Act</u>, <u>74-1-Recovery Act</u>, <u>74-2-Recovery Act</u> is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16EC2 is \$122,274,240.02.

This allotment covers Delivery Orders 1 through 16EC2 from March 1, 2008 through May 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-13-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery A

			1. CONTRACT ID C	PAGE O	F PAGES	
AMENDMENT OF SOLICITATION	I/MODIFICATION O	F CONTRACT			1	6
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	5. PROJECT NO	. (If applicable		
514	See Block 16C	N/A				
a looler by		T ADMINISTEDED DV (II. II. III	44 0)			
6. ISSUED BY CODE	BJ r	7. ADMINISTERED BY (If other the	*	COI	DE B	J5
NASA Lyndon B. Johnson Space Cente Institutional Procurement Office	I	Dominic J. Golemi, PH: 281.792.7840	Contract Sp	ecialist		
Houston, TX 77058		Email: dominic.j.gol	lemi@nasa d	101/		
Houston, 17, 17,000		Email. dominic.j.goi		A. AMENDMENT OF SOLI	CITATION N	<u> </u>
DAE Applied Technologies LLC			(4)	, , <u>.</u>		·
PAE Applied Technologies LLC Attn: Steven Brettel, Program Manager			9	B. DATED (SEE ITEM 11)		
6500 West Fwy, Suite 600				(,		
Fort Worth, TX 76116			1	0A. MODIFICATION OF C	ONTRACT/O	RDER NO.
Total World , TX For To			X	NNJ08JA02C		
CODE	FACILITY CODE		1	OB. DATED (SEE ITEM 13 01/03/2008)	
11. THIS		O AMENDMENTS OF SOLI	ICITATIONS	0.1700/2000		
☐ The above numbered solicitation is amended as set for				ed, is not extend	ded.	
Offers must acknowledge receipt of this amendment prior to				· —		
(a) By completing Items 8 and 15, and returning one (1) co						
letter or telegram which includes a reference to the so DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR T						
desire to change an offer already submitted, such change	may be made by telegram or le					
and is received prior to the opening hour and data specified 12. ACCOUNTING AND APPROPRIATION DATA (If required)	•					
12. ACCOUNTING AND APPROPRIATION DATA III required						
13 THIS ITEM API	PLIES ONLY TO MO	ODIFICATIONS OF	CONTRAC	TS/ORDERS		
		RDER NO. AS DES				
(4) A. THIS CHANGE ORDER IS ISSUED PURSUA					R NO IN IT	FM 10A
(1)	arriver (opeon) addressly)					
B. THE ABOVE NUMBERED CONTRACT/ORDS	ER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANGE	S (such as change	s in paying office, appropr	iation date, e	etc.) SET
FORTH IN ITEM 14, PURSUANT TO THE AU C. THIS SUPPLEMENTAL AGREEMENT IS ENT	, ,	ITHODITY OF				
FAR Part 52.243-2 – "Chan			o II)"			
D. OTHER: Specify type of modification and auth		arsement (Anternate	- 11)			
S. S. S. Speed, type of meanitoaner and dan	,					
E. IMPORTANT: Contractor is not	. 🛛 is required to	sign this document a	nd return	1 copies to the	issuina	office.
14. DESCRIPTION OF AMENDMENT/MODIFICAT						
	(e.ga <u>_</u> a a) e e. e	oonon modamigo, molading o		act casject matter ii		
The purpose of this modification is to in-						
Equitable Adjustment dated 9/9/2015 on			estimated c	ontract value (es	stimated	cost,
award fee, and fixed fee) for CY 8 is incre	eased by \$ <u>258,103</u> as	s follows:				
Update Clause B.3 Estimated Cost.	Award Eag and Eive	ad Eas (not including	IDNO Anno	voc 4 9 5)		
•		`		•		
Update Clause B.12 Pre-Priced Ta (Plan C) for CY 8	bles for Award Teri	m Plan A, Plan B or	Plan C Tab	les 1.0 (Plan A) & Tab	le 3.0
3. Update Section F, Clause F.4 Option	on to Extend Comple	etion Date, for CY 8 –	CY 10			
SEE PAGE 2 CONTINUATION						
SEL FAGE 2 CONTINUATION						
Except at provided herein, all terms and conditions of the document	referenced in Item 9A or 10A as he	eretofore changed, remains unchange	ed and in full force a	nd effect.		
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF C				
Dennis K. Smith, Contracts Mana	ager	Jason C. Phil	llips, Contra	acting Officer		
	J .		r - / - 5	. 3		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF A	MERICA		TE SIGNED	
ノロNINIO OIVIIIロ 📗 DN: c=US, o=L	by DENNIS SMITH (affiliate) S. Government, ou=NASA,	10	1/2	Digitally signed b		
ou=PIV, 0.9.23	42.19200300.100.1.1=dksmith4, IITH (affiliate)	BY - JOHN)fficer)	Date: 2015.11.17	12:34:2	4

This modification represents a full, complete, and equitable adjustment to estimated cost and fee for CY 8 increases as proposed on September 9th, 2015. All other terms and conditions of the contract, except for the aforementioned clauses, remain unchanged. In consideration of the modifications agreed to herein, the Contractor and Government hereby release each other from liability under this contract for further equitable adjustments exclusively attributable to these changes.

	Cost Fixed Fee Award Fee		Total	
CY 8				258,103
Total				258,103

1. B.3 <u>ESTIMATED COST, AWARD FEE, and FIXED-FEE (not including ID/IQ Annexes 4 and 5)</u>

The estimated cost of Annexes 1, 2, 3, 6, and 7 is increased BY: (b)(4) FROM: (b)(4) TO:

The maximum available award fee is (b)(4)

The maximum available fixed-fee is increased BY: (b)(4) FROM: (b)(4) TO: (b)(4)

The total estimated cost, maximum award fee and maximum fixed-fee is increased **BY:** \$258,103 FROM: \$324,532,178 TO: \$324,790,281.

Reference: Base Period, Years 1 through Year 9.

2. B.12 PRE-PRICED TABLES FOR AWARD-TERM PLAN A, PLAN B, OR PLAN C:

B.12	PRE-PRICED		AWARD-TERM P				
		TABLE 1.0 -	- ESTIMATED CO	ST AND FI	EE SCHEDUL	E (PLAN A)	
Contract Year	Period No.	Evaluation Period	Duration	Contract Type	Available Fee	Estimated Cost	Estimated Cost and Fee
Phase-in	Phase-in	60 days	1/1/08 - 2/29/08	Firm-Fixed-			\$0
				Price			Ψ"
Year 1	Initial Period	9 months	3/1/08 – 11/30/08	Award-Fee			\$34,512,019
Year 1	Period 1	3 months	12/1/08 – 2/28/09	Fixed-Fee			¥ = 7 = 7 = -
Year 2	Period 1	3 months	3/1/09 - 5/31/09	Fixed-Fee			
Year 2	Period 2	6 months	6/1/09 - 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 – 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 - 8/31/10	Fixed-Fee			\$35,801,295
Year 3	Period 4	6 months	9/1/10 – 2/28/11	Fixed-Fee			φοσ,σσ.,Ξσσ
Year 4	Period 5	6 months	3/1/11 – 8/31/11	Fixed-Fee			\$37,208,085
Year 4	Period 6	6 months	9/1/11 – 2/29/12	Fixed-Fee			ψον,200,000
Year 5	Period 7	6 months	3/1/12 - 8/31/12	Fixed-Fee	(t		\$36,122,618
Year 5	Period 8	6 months	9/1/12 – 2/28/13	Fixed-Fee	`		ψ30, 122,010
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Fixed-Fee			\$34,950,252
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Fixed-Fee			\$34,930,232
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Fixed-Fee			\$35,926,765
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Fixed-Fee			\$33,920,703
Year 8	Period 13	6 months	3/1/15 — 8/31/15	Fixed-Fee			\$36,891,686
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Fixed-Fee			\$30,091,000
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			\$27 6/1 202
Year 9	Period 16	6 months	9/1/16 - 2/28/17	Award-Fee			\$37,641,282
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			\$20.724.070
Year 10	Period 18	6 months	9/1/17 - 2/28/18	Award-Fee			\$38,721,079

TABLE 3.0 – ESTIMATED COST AND FEE SCHEDULE (PLAN C)

Contract Year	Period No.	Evaluation Period	Duration	Contract Type	Available Fee	Estimated Cost	Estimated Cost and Fee
Phase-in	Phase-in	53 days	1/7/08 - 2/29/08	Firm-Fixed-			\$0
				Price			ΦΟ
Year 1	Initial Period	9 months	3/1/08 - 11/30/08	Award-Fee			\$34,512,019
Year 1	Period 1	3 months	12/1/08 - 2/28/09	Fixed-Fee			φ34,312,019
Year 2	Period 1	3 months	3/1/09 - 5/31/09	Fixed-Fee			
Year 2	Period 2	6 months	6/1/09 - 11/30/09	Fixed-Fee			\$35,736,279
Year 2	Period 3	3 months	12/1/09 - 2/28/10	Fixed-Fee			
Year 3	Period 3	6 months	3/1/10 - 8/31/10	Fixed-Fee			\$35,801,295
Year 3	Period 4	6 months	9/1/10 - 2/28/11	Fixed-Fee			φ35,001,295
Year 4	Period 5	6 months	3/1/11 - 8/31/11	Award-Fee			\$37,208,085
Year 4	Period 6	6 months	9/1/11 - 2/29/12	Award-Fee			φ3 <i>1</i> ,200,000
Year 5	Period 7	6 months	3/1/12 - 8/31/12	Award-Fee			\$36,122,618
Year 5	Period 8	6 months	9/1/12 - 2/28/13	Award-Fee			\$30, 122,010
Year 6	Period 9	6 months	3/1/13 - 8/31/13	Award-Fee			¢24.050.050
Year 6	Period 10	6 months	9/1/13 - 2/28/14	Award-Fee			\$34,950,252
Year 7	Period 11	6 months	3/1/14 - 8/31/14	Award-Fee			\$35,926,765
Year 7	Period 12	6 months	9/1/14 - 2/28/15	Award-Fee			φ35,926,765
Year 8	Period13	6 months	3/1/15 - 8/31/15	Award-Fee			\$36,891,686
Year 8	Period 14	6 months	9/1/15 - 2/28/16	Award-Fee			φ30,091,000
Year 9	Period 15	6 months	3/1/16 - 8/31/16	Award-Fee			\$37,641,282
Year 9	Period 16	6 months	9/1/16 - 2/28/17	Award-Fee			φ31,041,202
Year 10	Period 17	6 months	3/1/17 - 8/31/17	Award-Fee			\$38,721,079
Year 10	Period 18	6 months	9/1/17 - 2/28/18	Award-Fee			Φ30,7∠1,079
'							

NOTE: If Plan C is implemented, the last year will encompass a 15-month award-fee year. Therefore, the last 3 months of the current contract year and the following contract year earned will be converted to award-fee. In addition, the Government may exercise a CPAF contract year(s) for purposes of re-competition (see Clause H.10).

[End of Section]

3. F.4 OPTION TO EXTEND COMPLETION DATE

The Government may require the Contractor to continue to perform services under this Contract. The CO may exercise this option or term(s) by issuance of a unilateral Contract modification <u>30</u> days or more before the completion date set forth in Section F. Should the option or term(s) be exercised, the resultant Contract will include all terms and conditions of the basic Contract as it exists immediately prior to the exercise of the option or term(s), except for the following changes:

I. These are pre-priced options and award-terms that apply to Plan A if it is implemented in accordance with Clause H.10:

YEAR 8: 3/1/2015 – 2/29/2016

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available fixed fee	(1	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$287,148,999	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 29, 2016
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 8 shall become effective.

YEAR 9: 3/1/2016 – 2/28/2017

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(1	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,790,281	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28, 2017</u>.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

YEAR 10: 3/1/2017 – 2/28/2018

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(Ł	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,511,360	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28,</u> 2018.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

II. These are pre-priced options and award-terms that apply to Plan C if it is implemented in accordance with Clause H.10:

YEAR 9: 3/1/2016 - 2/28/2017

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	(b)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$324,790,281	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to <u>February 28, 2017</u>.
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 9 shall become effective.

<u>YEAR 10:</u> 3/1/2017 – 2/28/2018

1.	Ву	То
B.3, entitled "Estimated Cost, Award-Fee, and Fixed-Fee" shall be modified to increase the estimated cost		
and to increase maximum available award fee	()	0)(4)
The total estimated cost, maximum award fee and maximum fixed fee is	\$363,511,360	

- 2. F.2, entitled "Completion of Work" shall be modified to extend the Completion Date to February 28, 2018
- 3. B.8, entitled "Indefinite Delivery/Indefinite Quantity (ID/IQ) shall be modified to reflect the increase to the minimum value by \$200,000 for both Annexes 4 and 5 and the increase to the maximum value by \$15,000,000 for both Annexes 4 and 5.
- 4. B.9, entitled "Pre-priced Items" for Year 10 shall become effective.

AM	ENDMENT OF SOLICITATION/	MODIFICATION OF				PAGE C	PAGES	
2 AMENIDA	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	PEO NO		5. PROJECT NO	//f applicable	5
Z. AIVIENDIN					1624	5. PROJECT NO	э. (п аррпсаы	<i>e)</i>
	515	See Block 16C	4200570388; 570387	, 372441, 37	1034			
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)		CC	DE BJ5	
NASA L	yndon B. Johnson Space Center		Helen Bell, Contract	Specialist				
	onal Procurement Office		PH: 281.483.8149	·				
Housto	n, TX 77058		Email: helen.b.bell@	nasa.gov				
	AND ADDRESS OF CONTRACTOR (No. Street, county	, State and ZIP: Code)		(4)	9A. AME	NDMENT OF SO	LICITATION I	NO.
DAEA	pplied Technologies LLC				†			
	David W. Popham, Program Mana	nor .			9B DAT	TED (SEE ITEM 1	1)	
	West Fwy, Suite 600	901				(-/	
	/orth, TX 76116				10A. MC	DIFICATION OF	CONTRACT/	ORDER NO.
TOILV	70111, 17, 70110			X)8JA02C		
1 1	GQ2	EAGULITY CODE			10B. DA	TED (SEE ITEM	13)	
CODE 1J		FACILITY CODE	AMENDMENTS OF SOLIC		01/03	/2006		
			AMENDMENTS OF SOLIC	_	. \Box			
	ove numbered solicitation is amended as set fort					is not extended	J.	
	st acknowledge receipt of this amendment prior to	•			O			d (-) D.
	npleting Items 8 and 15, and returning one (1) etter or telegram which includes a reference to t							
	TED FOR THE RECEIPT OF OFFERS PRIOR							
	to change an offer already submitted, such clark, and is received prior to the opening hour and o		gram or letter, provided each	telegram or lette	er makes	reference to ti	ne solicitatio	on and this
	INTING AND APPROPRIATION DATA (If required)	·						
SEE SC	HEDULE		Net incre	ease: \$1	,411,65	0.34		
	13. THIS ITEM APPLIE		IEICATIONS OF CO	NITPACT	S/OPI)EDS		
			ER NO. AS DESCR			,		
(1)	A. THIS CHANGE ORDER IS ISSUED PURSU						DED NO. IN	LITEMAGA
(4)	A. This change order is issued forsu	ANT TO: (Specify authority) Tr	TE CHANGES SET FORTH IN TI	EW 14 ARE WAD		CONTRACT/OF	RDEK NO. IN	III EWI TUA.
	B. THE ABOVE NUMBERED CONTRACT/ORD	DED IS MODIFIED TO BEELED	T THE ADMINISTRATIVE CHANG	GES (such as cha	unage in n	aving office, ann	ronriation dat	to etc.)
	SET FORTH IN ITEM 14, PURSUANT TO THE AU		THE ASIMINOTION OF STREET		ingee in pe	aying omoo, app	opriditori dat	
	C. THIS SUPPLEMENTAL AGREEMENT IS EN	NTERED INTO PURSUANT TO	AUTHORITY OF:					
	D. OTHER: Specify type of modification and or	uth o ritu ()						
Χ	D. OTHER: Specify type of modification and au 1852.232-77 Limitation of Funds (Fi		IARCH 1080) 52 232 2	2 Limitation	of Fun	de (Coet Rei	mhureahi	ام)
	(APR 1984)	ixed Trice Contract) (W	IARCII 1909) 32.232-2.	2 Lillitation	OI T'ull	is (Cost Kci	moursao	10)
E. IMP	ORTANT: Contractor ⊠is not, □	is required to sign t	his document and retu	urn co	nies to	the issuin	a office.	
	RIPTION OF AMENDMENT/MODIFICATI							ihle)
	rpose of this modification:	1014 (Organized by OOI 30	cettori ricadings, incidding (Sononanon/con	iliaci su	ojeci matter v	viicio icas	ibic.)
me pui	•				_			
	1. Incrementally Fund Anne.	x4 Estimated Cost	in the amount of	(b)(4)				
	Incrementally Fund Anne.	x 4 Fixed Fee in the	e amount of (b)(4)				
	,							
	2. De-Obligate Funds from A	Annex 5 in the amo	ount of -\$41 436 00					
	Incrementally Fund Anne			\$822 632 4	16			
	morementary randrame	X 0 1 11111 1 1X 0 0 1 110	o mi ano amount or y	<i>pozz, ooz.</i> .	0.			
	3. Redistributing Funds from	m Annex 5 Firm I	Fixed Price to Anno	ex 4 Estin	nated	Cost in	the amo	ount of
	(b)(4)	,	7,100 10 71111	ox , _o	iaroa	0000	arro arriv	<i>5</i> 4776
		Se	ee Page 2					
			•	, ,, , ,, ,	,			
Except at provid	ded herein, all terms and conditions of the document refe	erenced in Item 9A or 10A, as here	totore changed, remains unchanged	d and in full force ai	nd effect.			
15A. NAMI	E AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITL			ICER (Type or	print)	
			Jason C. Phillips,		Officer			
15B. CON	TRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	7	0		C. DATE SIC	
			10/1	Ups	/\ -	tally signed	•	-
			11000	-	Date	≥: 2015.12.0	4:42ن د	/ -UO UU

Oignature or Contracting Officer)

- 4. Redistributing Funds from Annex 5 Firm Fixed Price of Annex 4 Fixed Fee in the amount of \$275.00.
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$54,104,533.27 by \$640,532.88 to \$54,745,066.15.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$54,104,533.27
Incrementally Fund : This Action: Redistribute from Annex 5 to Annex 4:		(b)(4)		\$630,453.88 \$10,079.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$54,745,066.15

2. Contract Annex 5 funding is increased from \$122,274,240.02 by \$771,117.46 to \$123,045,357.48.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$122,274,240.02
Incrementally Fund: This Action: Redistribute Funds from Annex 5 to Annex 4: DeObligate:This Action:	\$822,632.46 (\$10,079.00) (\$41,436.00)
Revised Cumulative Obligations:	\$123,045,357.48

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8.

Ι.

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

(a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$54,745,066.15.
This allotment covers Task Orders 1 through 16ES3, from March 1, 2008 through May 15, 2016.
(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,745,066.15.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (h)(4) The maximum available fixed fee is (h)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 2951 is \$123,045,357.48.

This allotment covers Delivery Orders 1 through 2951 from March 1, 2008 through May 25, 2016.

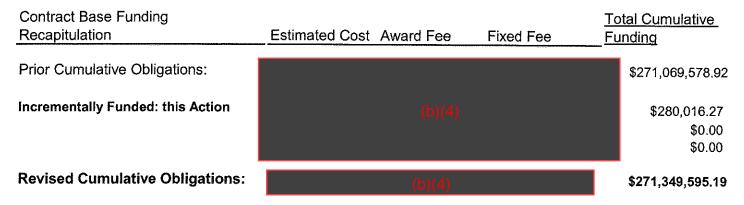
The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1201-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>1995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1498-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1519-Recovery Act</u>, <u>1011-16-Recovery Act</u>, <u>1011-17-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1011-20-Recovery Act</u>, <u>1498-1-Recovery Act</u>, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

					OMB Ap	proval 2700-00		
AMENDMENT OF SOLICITATION	N/MODIFICATION OF	F CONTRACT	1. CONTRACT	ID CODE	PAGE OF	PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R		5. PROJEC	CT NO. (If applicable)			
516	See Block 16C	4200573	3205					
6. ISSUED BY CC	DDE BJ	7. ADMINISTERED BY (If other t	NISTERED BY (If other than Item 6)					
NASA Lyndon B. Johnson Space Cent	ter	7. ADMINISTERED BY (If other than Item 6) CC Helen Bell, Contract Specialist						
Institutional Procurement Office		PH: 281.483.8149						
Houston, TX 77058 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, or		Email: helen.b.bell@						
· · · · · ·	unty, State and ZIP: Code)		(4)	9A. AMENDMENT O	F SOLICITATION NO).		
PAE Applied Technologies LLC Attn: David W. Popham, Program Ma	nager			98. DATED (SEE IT	FM 44)			
6500 West Fwy, Suite 600 Fort Worth, TX 76116				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				
				10A. MODIFICATION OF CONTRACT/ORDER NO.				
				NNJ08JA02C 10B. DATED (SEE ITEM 13)				
CODE 1JGQ2	FACILITY CODE		01/03/20					
	IS ITEM ONLY APPLIES TO							
The above numbered solicitation is amended as set		•			ended.			
Offers must acknowledge receipt of this amendment pri				-				
(a) By completing Items 8 and 15, and returning one separate letter or telegram which includes a reference DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, suc amendment, and is received prior to the opening hour a	to the solicitation and amendmer OR TO THE HOUR AND DATA S th change may be made by telet	nt numbers. FAILURE OF YOU SPECIFIED MAY RESULT IN R	R ACKNOWLE EJECTION OF	DGMENT TO BE R YOUR OFFER. If b	ECEIVED AT THE	PLÁCE endment		
12. ACCOUNTING AND APPROPRIATION DATA (ff required) SEE SCHEDULE		Net incre	ase: \$2	80,016.27				
13 THIS ITEM ADD	LIES ONLY TO MOD	IEICATIONS OF CO						
	HE CONTRACT/ORD							
(4) A. THIS CHANGE ORDER IS ISSUED PUR					T/ORDER NO. IN IT	EM 10A.		
B. THE ABOVE NUMBERED CONTRACT/O	ORDER IS MODIFIED TO REFLECT	T THE ADMINISTRATIVE CHANG	ES (such as cha	nges in paying office,	appropriation date,	etc.)		
SET FORTH IN ITEM 14, PURSUANT TO THE C. THIS SUPPLEMENTAL AGREEMENT IS		AUTHORITY OF:				·		
X D. OTHER: Specify type of modification and						·····		
1852.232-77 Limitation of Funds (APR 1984)	(Fixed Price Contract) (M	IARCH 1989) 52.232-22	Limitation	of Funds (Cost)	Reimbursable)	•		
E. IMPORTANT: Contractor ⊠is not,					•			
4. DESCRIPTION OF AMENDMENT/MODIFICA	ATION (Organized by UCF se	ection headings, including s	olicitation/con	tract subject matte	er where feasibl	e.)		
The purpose of this modification:								
 Incrementally Fund Bas 	se Estimated Cost in i	the amount of \$280,	016.27.					
2. Clause B.4 – CONTRA hereby modified and re			(990)(not i	including Ann	nexes 4 and	5) is		
	_							
	Se	ee Page 2						
ept at provided herein, all terms and conditions of the document	referenced in Item 9A or 10A, as herel	tofore changed, remains unchanged a	and in full force an	d effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE Dawn Alexander, (or print)			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES (16C. DATE SIGNE	.D		
		\bigcap	2	1.	12/11/1			
(Signature of person authorized to sign)		Naun Ul	DANA Officer	we	12/11/1			
NSN 7540-01-152-8070		30-105	and downing Officer,	Y I STAND	DARD FORM 30 (RE	10-83		

1. Contract Base funding is increased from \$271,069,578.92 by \$280,016.27 to \$271,349,595.19.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **December 17, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b) (4) is obligated under this contract for payment of fixed fee. (End of Clause)

							OMB	Approval 2700-00
AMI	ENDMENT OF SOLICITATION/I	MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE (PAGES 2
2. AMENDM	ENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.	5. PROJECT NO			
	517	See Block 16C	4200573	397				
6. ISSUED E	· · · · · · · · · · · · · · · · · · ·	BJ	7. ADMINISTERED BY (If other	,				
	yndon B. Johnson Space Center		Helen Bell, Contract	Specialist				
	onal Procurement Office n, TX 77058		PH: 281.483.8149 Email: helen.b.bell@	naca gov				
	ND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)	Linaii. Heleli.b.belle	(4)	9A. AM	ENDMENT OF SO	LICITATION	NO.
	pplied Technologies LLC	State and En . Sodd)		()	(4) 9A. AWENDINENT OF SOCIETIATION NO.			
	avid W. Popham, Program Manag	ger	9B. DATED (SEE ITEM 11)			1)		
	6500 West Fwy, Suite 600							
Fort W	orth, TX 76116					ODIFICATION OF CONTRACT/ORDER NO.		
				X	10B. D	DATED (SEE ITEM 13)		
CODE 1JC	GQ2	FACILITY CODE	AMENDMENTO OF COLUM	NITA TIONIO	01/03	3/2008		
□The abo	11. THIS II we numbered solicitation is amended as set forth		AMENDMENTS OF SOLIC	_		is not extende	4	
	t acknowledge receipt of this amendment prior to						u.	
separate le DESIGNAT you desire amendmen	pleting Items 8 and 15, and returning one (1) of the ror telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR To to change an offer already submitted, such change is received prior to the opening hour and department of the transport of the opening hour and department of the transport of the opening hour and department of the opening hour	ne solicitation and amendmen FO THE HOUR AND DATA Stange may be made by telegonal	nt numbers. FAILURE OF YOU SPECIFIED MAY RESULT IN F	UR ACKNOWLE REJECTION OF	DGMEN YOUR C	T TO BE RECE OFFER. If by vir	IVED AT T	HE PLACE amendment
SEE SCI			Net incre	ease: \$1	,381,1	27.30		
	13. THIS ITEM APPLIE							
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.								
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) Th	HE CHANGES SET FORTH IN IT	EM 14 ARE MAI	DE IN THE	E CONTRACT/OF	RDER NO. II	N ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).						te, etc.)	
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:							
X	D. OTHER: Specify type of modification and aut 1852.232-77 Limitation of Funds (Fig. (APR 1984)		(ARCH 1989) 52.232-2	2 Limitation	of Fun	ds (Cost Rei	mbursab	le)
E. IMP	ORTANT: Contractor ⊠is not, □	is required to sign the	his document and retu	urn co	pies to	the issuin	g office.	
14. DESC	RIPTION OF AMENDMENT/MODIFICATION	ON (Organized by UCF se	ection headings, including	solicitation/co	ntract sı	ıbject matter v	vhere feas	sible.)
The pur	pose of this modification:							
	1. Incrementally Fund Base	Estimated Cost in	the amount of	(b)(4)				
	2. Incrementally Fund Base	Fixed Fee in the ar	mount of (b)(4)					
 Clause B.4 – CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached. 								

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer				
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1/4/2/2003	16C. DATE SIGNED y signed by Jason Phillips 015.12.17 12:33:35 -06'00'			
(Signature of person authorized to sign)		Officer)	3.12.17 12.33.33 00 00			

1. Contract Base funding is increased from \$271,349,595.19 by \$1,381,127.30 to \$272,730,722.49.

Contract Base Funding				Total Cumulative
Recapitulation	Estimated Cost A	Award Fee	Fixed Fee	<u>Funding</u>
Prior Cumulative Obligations:				\$271,349,595.19
Incrementally Funded: this Action				\$1,381,127.30
Incrementally Funded: Fee for Mod 516	5			\$0.00
				\$0.00
Revised Cumulative Obligations:				\$272,730,722.49

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (h)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **December 31, 2015**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

Λ N/	IENDMENT OF SOLICITATION	/MODIFICATION OF	CONTRACT	1. CONTRACT ID (CODE	PAGE OF	PAGES
AIV	IENDMENT OF SOLICITATION	NIODIFICATION OF	CONTRACT			1	4
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	5. PROJECT I	NO. (If applicable)	
	518	See Block 16C	420057	73395			
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other	r than Item 6)	C	CODE BJ5	
Institut	Lyndon B. Johnson Space Center ional Procurement Office on, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell	·			
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, count	y, State and ZIP: Code)		(4) 9	A. AMENDMENT OF S	OLICITATION NO).
Attn: \$	Applied Technologies LLC Stephen Brettel, Program Manage West Fwy, Suite 600	r			B. DATED (SEE ITEM		
Fort V	Vorth, TX 76116			1 x	0A. MODIFICATION ON NOTICE OF STREET		RDER NO.
CODE 1	IGQ2	FACILITY CODE			08. DATED (SEE ITE) 01/03/2008	W 13)	
	11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF SOLI	CITATIONS			
☐The all	ove numbered solicitation is amended as set for	th in Item 14. The hour and da	te specified for receipt of Offe	rs is extended,	is not extend	ed.	
	st acknowledge receipt of this amendment prior			-	_		
separate DESIGNA you desir amendme	mpleting Items 8 and 15, and returning one (1) letter or telegram which includes a reference to ATED FOR THE RECEIPT OF OFFERS PRIOR to change an offer already submitted, such ent, and is received prior to the opening hour and UNTING AND APPROPRIATION DATA (If required)	the solicitation and amendmer TO THE HOUR AND DATA Schange may be made by tele	nt numbers. FAILURE OF YO SPECIFIED MAY RESULT IN	OUR ACKNOWLEDO REJECTION OF YO	OMENT TO BE RECOUNTY	EIVED AT THI virtue of this am	E PLACE endment
	CHEDULE		Net inc	rease: \$81 ,9	957.38		
	13. THIS ITEM APPLI IT MODIFIES THE	ES ONLY TO MOD CONTRACT/ORD					
(4)	A. THIS CHANGE ORDER IS ISSUED PURSI	JANT TO: (Specify authority) TI	HE CHANGES SET FORTH IN	ITEM 14 ARE MADE I	N THE CONTRACT/0	ORDER NO. IN I	TEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/OR SET FORTH IN ITEM 14, PURSUANT TO THE A		T THE ADMINISTRATIVE CHAI	NGES (such as chang	es in paying office, ap	propriation date,	etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT TO	AUTHORITY OF:				
Х	D. OTHER: Specify type of modification and a 1852.232-77 Limitation of Funds (F (APR 1984)		IARCH 1989) 52.232-2	22 Limitation of	Funds (Cost Re	eimbursable)
E. IMF	PORTANT: Contractor ⊠is not, [is required to sign t	his document and re	turn copi	es to the issuir	ng office.	
	CRIPTION OF AMENDMENT/MODIFICAT	TION (Organized by UCF s	ection headings, including	solicitation/contra	act subject matter	where feasik	ole.)
The pu	rpose of this modification:						
	1. Incrementally Fund Anne	ex4 Estimated Cost	in the amount of	(b)(4)			
	Incrementally Fund Anne	ex 4 Fixed Fee in the	e amount of (b)	(4)			
	2. Incrementally Fund Anne	ex 5 Firm Fixed Pric	e in the amount of	\$62,680.42			
	3. Redistributing Funds fro	om Annex 4 Estima	ated Cost to Anne	x 5 Firm Fix	ked Price in	the amo	unt of

\$594,934.49.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or			
		print) Jason C. Phillips , Contracting Office	r		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		16C. DATE SIGNED signed by Jason Phillips 6 01.05 13:42:02 -06'00'		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

- 4. Redistributing Funds from Annex 4 Fixed Fee to Annex 5 Firm Fixed price in the amount of \$33,069.51.
- 5. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of \$2,000.00.
- 6. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 7. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is decreased from \$54,745,066.15 by -\$606,727.04 to \$54,138,339.11.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$54,745,066.15
Incrementally Fund : This Action: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:				\$19,276.96 (\$628,004.00) \$2,000.00 \$0.00
Revised Cumulative Obligations:				\$54,138,339.11

2. Contract Annex 5 funding is increased from \$123,045,357.48 by \$688,684.42 to \$123,734,041.90.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$123,045,357.48
Incrementally Fund: This Action: Redistribute Funds from Annex 5 to Annex 4: Redistribute Funds from Annex 4 to Annex 5:	\$62,680.42 (\$2,000.00) \$628,004.00
Revised Cumulative Obligations:	\$123,734,041.90

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be undated on a periodic basis to reflect the value of issued task orders. Paragraph (b)

raiagraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Faragraph (b)	
represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ val	ue
identified on each task order represents the amount subject to the Limitation of Funds clause.	

(a) The estimated of	cost of Annex 4 is	(b)(4) Th	he maximum available	award fee is	(b)(4)
The fixed-fee is	(b)(4) The tota	I estimated cost	t, maximum award fee,	, and fixed-fee are	\$54,138,339.11

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8.

Ι.

This allotment covers Task Orders 1 through 16ES4, from March 1, 2008 through August 1, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is An additional amount of is obligated under this contract for payment of award fee.
- is obligated under this contract for payment of fixed fee. The total (c) An additional amount estimated cost, maximum award fee, and fixed-fee are \$54,138,339.11.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" - American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is The maximum available fixed fee is The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of s obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 2950-1 is \$123,734,041.90.

This allotment covers Delivery Orders 1 through 2950-1 from March 1, 2008 through May 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-13-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery A

OMB Approval 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200574569 519 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net increase: \$1,621,536.47 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, I is required to sign this document and return. copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund Base Estimated Cost in the amount of 2. Incrementally Fund Base Fixed Fee in the amount of 3. Clause B.4 – CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached. See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Gisela Moreno, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA GISELA Digitally signed by GISELA MORENO OBJECTION OF AMERICA OBJECTION OF AMERICA MORENO OS 29242 1920300.100.1.1=gmoreno (Signature of COMPTAUNTING OFFICER) 16B. UNITED STATES OF AMERICA OBJECTION OBJECTION OFFICER OFFI OFFI OFFI OFFI OFFI OFFI OFFI OFF	16C. DATE SIGNED 12/30/15		
(Signature of person authorized to sign)		(Signature of Contracting Officer) 600			

1. Contract Base funding is increased from \$272,730,722.49 by \$1,621,536.47 to \$274,352,258.96.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (h)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **January 17, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

								OM	B Appr	oval 2700-0042
AMENDMENT OF SOLICITA	ATION/M	ODIFICATION OF	CONTRACT	1. CC	NTRACT I	D CODE		PAGE 1		PAGES
2. AMENDMENT/MODIFICATION NO.	3.	EFFECTIVE DATE	4. REQUISITION/PURCHAS	E REQ. NO	_		5. PROJECT N		able)	
520		See Block 16C	42005750					(,	
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If of	ther than Iter	n 6)		С	ODE BJ5		
NASA Lyndon B. Johnson Space Institutional Procurement Office Houston, TX 77058	Center		Helen Bell, Contra PH: 281.483.8149 Email: helen.b.be	9 .						
8. NAME AND ADDRESS OF CONTRACTOR (No. S	treet, county, Sta	ate and ZIP: Code)			(4)	9A. AME	ENDMENT OF SO	OLICITATION	N NO.	
PAE Applied Technologies LLC					, ,	†				
Attn: Stephen Brettel, Program M 6500 West Fwy, Suite 600	/lanager					9B. DA	TED (SEE ITEM	11)		
Fort Worth, TX 76116					Х	NNJ(ODIFICATION OF OBJA02C		T/ORI	DER NO.
CODE 1JGQ2		FACILITY CODE			-		ated <i>(see iten 3/2008</i>	TED (SEE ITEM 13) (2008		
	1. THIS ITE		AMENDMENTS OF SO	LICITATI	ONS	0 1700	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
The above numbered solicitation is amended						d,	is not extende	ed.		
Offers must acknowledge receipt of this amendn	nent prior to th	e hour and date specified	in the solicitation or as amer	nded, by on	ne of the fo	ollowing	methods:			
separate letter or telegram which includes a refunded period per	RS PRIOR TO ed, such chan hour and data	THE HOUR AND DATA age may be made by tele	SPECIFIED MAY RESULT I	IN REJECT	TION OF	YOUR C	FFER. If by v	irtue of this	ame	ndment
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B. THE ABOVE NUMBERED CONT SET FORTH IN ITEM 14, PURSUANT			T THE ADMINISTRATIVE CH	IANGES (su	uch as cha	nges in p	aying office, app	propriation o	late, e	etc.)
C. THIS SUPPLEMENTAL AGREEN	MENT IS ENTE	RED INTO PURSUANT TO	AUTHORITY OF:							
X D. OTHER: Specify type of modifical 1852.232-77 Limitation of F (APR 1984)			MARCH 1989) 52.232	2-22 Lim	nitation	of Fun	ds (Cost Re	eimbursa	ble)	
E. IMPORTANT: Contractor ⊠is	not, 🔲 i	s required to sign t	this document and r	eturn _	co	pies to	the issuir	ng office	١.	
14. DESCRIPTION OF AMENDMENT/MO										ə.)
The purpose of this modification			0,7	J			-			,
1. Incrementally Fund		Estimated Cost	in the amount of	(b)((4)					
Incrementally Fund	d Annex 4	4 Fixed Fee in th	e amount of 6)(4)						
2. Incrementally Fund	d Annex 8	5 Firm Fixed Pric	e in the amount o	of \$1,12	20,778	.00.				

3. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Jason C. Phillips , Contracting Officer	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED		16C. DATE SIGNED ghed by Jason Phillips 01.11 06:49:48 -06'00'
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

- 4. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Fixed Fee in the amount of \$550.00.
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$54,138,339.11 by \$118,343.23 to \$54,256,682.34.



2. Contract Annex 5 funding is increased from \$123,734,041.90 by \$1,110,778.00 to \$124,844,819.90.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$123,734,041.90
Incrementally Fund: This Action: Redistribute Funds from Annex 5 to Annex 4:	\$1,120,778.00 (\$10,000.00)
Revised Cumulative Obligations:	\$124,844,819.90

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) е

	agraph (a) will be apacted on a periodic basis to remote the value of leeded tack orderer is a agraph (b)
repr	esents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value
iden	ntified on each task order represents the amount subject to the Limitation of Funds clause.
I.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8.

(a) The estimated cost of Annex 4 is The maximum available award fee is The total estimated cost, maximum award fee, and fixed-fee are \$54,256,682.34. The fixed-fee is

This allotment covers Task Orders 1 through 16JA5-2, from March 1, 2008 through August 1, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (h) An additional amount of is obligated under this contract for payment of award fee.
- (c) An additional amount is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,256,682.34.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" - American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is The maximum available fixed fee is The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of hours is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16OA1-2 is \$124,844,819.90.

This allotment covers Delivery Orders 1 through 16OA1-2 from March 1, 2008 through May 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u>, through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1201-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>1995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1498-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1519-Recovery Act</u>, <u>1011-16-Recovery Act</u>, <u>1011-17-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1198-1-Recovery Act</u>, <u>1198-1-Reco</u>

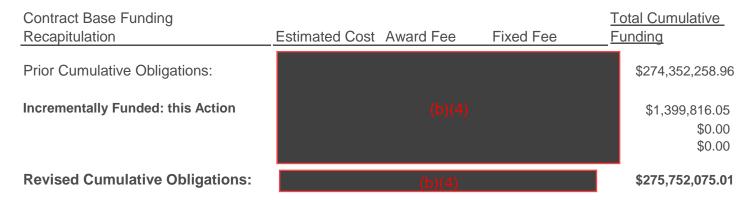
OMB Approval 2700-0042 1. CONTRACT ID CODE OF PAGES PAGE AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200575737 521 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Email: helen.b.bell@nasa.gov Houston, TX 77058 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net increase: \$1,399,816.05 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, I is required to sign this document and return. copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund Base Estimated Cost in the amount of 2. Incrementally Fund Base Fixed Fee in the amount of 3. Clause B.4 – CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)		1/ 1/ 1/10/23	y signed by Jason Phillips 016.01.14 15:12:29 -06'00'		

1. Contract Base funding is increased from \$274,352,258.96 by \$1,399,816.05 to \$275,752,075.01.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **January 31, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

AMENDM	ENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT II	D CODE		PAGE OI	
2. AMENDMENT/MODIF	FICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	URCHASE REQ. NO. 5. PROJECT N			1 (If applicable	4
	522	See Block 16C		00575738				,
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		COD	E BJ5	
•	B. Johnson Space Center ocurement Office 7058		Helen Bell, Contract Specialist PH: 281.483.8149 Email: helen.b.bell@nasa.gov					
8. NAME AND ADDRE	SS OF CONTRACTOR (No. Street, county	, State and ZIP: Code)		(4)	9A. AMENDM	ENT OF SOLI	CITATION N	O.
					9B. DATED (S	CATION OF CO		PRDER NO.
				X	10B. DATED	(SEE ITEM 13	3)	
CODE 1JGQ2		FACILITY CODE			01/03/200	08		
		TEM ONLY APPLIES TO A		_				
	red solicitation is amended as set fort					ot extended.		
(a) By completing Ite separate letter or tele DESIGNATED FOR you desire to change	edge receipt of this amendment prior to time 8 and 15, and returning one (1) agram which includes a reference to to THE RECEIPT OF OFFERS PRIOR as an offer already submitted, such co acceived prior to the opening hour and	copy of the amendment; (b) E he solicitation and amendment TO THE HOUR AND DATA SI hange may be made by telegi	By acknowledging receipt of the numbers. FAILURE OF YOU PECIFIED MAY RESULT IN R	nis amendment of JR ACKNOWLE	on each copy DGMENT TO YOUR OFFER	of the offer BE RECEIN R. If by virtu	/ED AT THe of this ar	HE PLACE mendment
	APPROPRIATION DATA (If required)							
SEE SCHEDULE			Net incre	ease: \$4 7	73,096.99			
	13. THIS ITEM APPLII	ES ONLY TO MODI				RS,		
(4) A. THIS	S CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) TH	E CHANGES SET FORTH IN IT	EM 14 ARE MAD	E IN THE CON	TRACT/ORD	ER NO. IN	ITEM 10A.
SET FORT	ABOVE NUMBERED CONTRACT/ORD TH IN ITEM 14, PURSUANT TO THE AU S SUPPLEMENTAL AGREEMENT IS EN	ITHORITY OF FAR 43.103(b).		GES (such as cha	nges in paying	office, approp	oriation date	e, etc.)
A	IER: Specify type of modification and au 32-77 Limitation of Funds (Fi 984)		ARCH 1989) 52.232-22	2 Limitation	of Funds (Cost Rein	nbursable	e)
E. IMPORTAN	IT: Contractor ⊠is not, □] is required to sign th	is document and retu	ırn co	oies to the	sissuing	office.	
	OF AMENDMENT/MODIFICAT							ble.)
The purpose of	of this modification:							
 1 In	ncrementally Fund Anne	x4 Estimated Cost i	n the amount of	(b)(4)				
	-							
III	ncrementally Fund Anne.	x 4 rixea ree in the	amount of (D)(4)					
2. In	ncrementally Fund Anne.	x 5 Firm Fixed Price	e in the amount of \$	471,672.0	4.			
	edistributing Funds from 37,800.00.	m Annex 4 Estima	ted Cost to Annex	5 Firm F	Fixed Pri	ce in th	ne amo	ount of
		Se	e Page 2					
Except at provided herein, a	ll terms and conditions of the document refe			l and in full force an	nd effect.			
15A. NAME AND TITL	E OF SIGNER (Type or print)		16A. NAME AND TITLI Jason C. Phillips			(Type or pr	rint)	

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

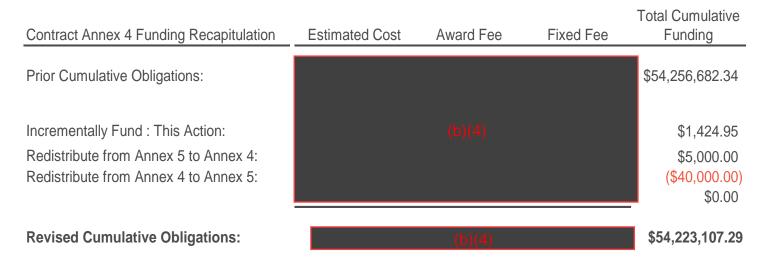
16B. UNITED STATES OF AMERICA

g Officer)

16C. DATE SIGNED

Digitally signed by Jason Phillips Date: 2016.01.26 14:55:39 -06'00'

- 4. Redistributing Funds from Annex 4 Fixed Fee to Annex 5 Firm Fixed Price in the amount of \$2,200.00.
- 5. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of (b)(4)
- 6. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 7. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is decreased from \$54,256,682.34 by -\$33,575.05 to \$54,223,107.29.



2. Contract Annex 5 funding is increased from \$124,844,819.90 by \$506,672.04 to \$125,351,491.94.

Total Cumulative

Contract Annex 5 Funding Recapitulation	Funding
Prior Cumulative Obligations:	\$124,844,819.90
Incrementally Fund: This Action: Redistribute Funds from Annex 5 to Annex 4: Redistribute Funds from Annex 4 to Annex 5:	(b)(4)
Revised Cumulative Obligations:	\$125,351,491.94

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

			,		
I.	BASE PERIOD FOR COM	NTRACT YEAR 1 A	AND 2 Including Exer	cised options YEAR's 3 thru 8	<u>3.</u>
	The estimated cost of Anne fixed-fee is (b)(4)			available award fee is (h)/a ward fee, and fixed-fee are <u>\$5</u>	

This allotment covers Task Orders 1 through 16ES3-1, from March 1, 2008 through August 1, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

 (b)(4) Is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,223,107.29.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4). The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (5)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16AH1-3 is \$125,351,491.94.

This allotment covers Delivery Orders 1 through 16AH1-3 from March 1, 2008 through May 25, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

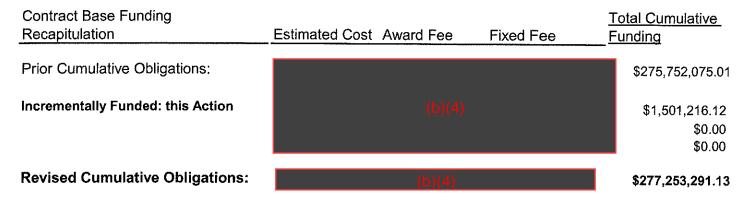
(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-13-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery A

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AMENDMENT OF SOLICITATIO	N/MODIFICATION OF	CONTRACT	1. CONTRACT ID COL	DE	PAGE OF	PAGES
2. AMENDMENT/MODIFICATION NO. 523	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE F		5. PROJECT N	O. (If applicable	
6. ISSUED BY CC	DDE BJ	7. ADMINISTERED BY (if other	than Item 61		ODE BJ5	
NASA Lyndon B. Johnson Space Cent		Helen Bell, Contract	•		ODE PJ5	
Institutional Procurement Office		PH: 281.483.8149	·			
Houston, TX 77058		Email: helen.b.bell@	nasa.gov			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, co PAE Applied Technologies LLC Attn: David W. Popham, Program Ma 6500 West Fwy, Suite 600	,			DATED (SEE ITEM 1		J.
Fort Worth, TX 76116			X NN	MODIFICATION OF J08JA02C		RDER NO.
CODE 1JGQ2	FACILITY CODE			DATED <i>(SEE ITEM</i> 03/2008	13)	
1 1. THI	S ITEM ONLY APPLIES TO	AMENDMENTS OF SOLIC				
The above numbered solicitation is amended as set				is not extende	d.	
Offers must acknowledge receipt of this amendment pri- (a) By completing Items 8 and 15, and returning one separate letter or telegram which includes a reference DESIGNATED FOR THE RECEIPT OF OFFERS PRIC you desire to change an offer already submitted, suc amendment, and is received prior to the opening hour a 12. ACCOUNTING AND APPROPRIATION DATA (If required)	(1) copy of the amendment; (b) to the solicitation and amendmen DR TO THE HOUR AND DATA Solutions of the change may be made by telegoners.	By acknowledging receipt of the numbers. FAILURE OF YOUR PECIFIED MAY RESULT IN F	nis amendment on each	th copy of the officers. TO BE RECE	EIVED AT THE	E PLACE
SEE SCHEDULE		Net incre	ease: \$1,501,2	216 12		
13. THIS ITEM APP IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PUR	LIES ONLY TO MODI HE CONTRACT/ORD	ER NO. AS DESCR	IBED IN ITEM	14.		
7. THE STANCE ON EXCITE ISSUED FOR	CONTROL (Opening authority) 11	E CHANGES SET FORTH MATE	EW 14 ARE MADE IN TH	IE CONTRACT/OF	RDER NO. IN II	EM 10A.
B. THE ABOVE NUMBERED CONTRACT/C SET FORTH IN ITEM 14, PURSUANT TO THE C. THIS SUPPLEMENTAL AGREEMENT IS	AUTHORITY OF FAR 43,103(b).		GES (such as changes in	paying office, appr	ropriation date,	etc.)
X D. OTHER: Specify type of modification and 1852.232-77 Limitation of Funds (APR 1984)		ARCH 1989) 52.232-22	Limitation of Fu	nds (Cost Rei	mbursable)	
E. IMPORTANT: Contractor ⊠is not,	is required to sign th	nis document and retu	rn copies t	n the issuinc	noffice	
4. DESCRIPTION OF AMENDMENT/MODIFICA						e)
The purpose of this modification:		0 , 0 -		wajoot matto, w		0.)
1. Incrementally Fund Bas	e Estimated Cost in t	the amount of	b)(4)			
2. Incrementally Fund Bas	e Fixed Fee in the an	mount of (b)(4)	L			
 Clause B.4 – CONTRA hereby modified and re 	CT FUNDING (NFS to placed by the attache	1852.232-81)(JUN 1 ed.	1990)(not inclu	ding Annex	es 4 and	5) is
	6.	o Bogo 2				
not at available baroin all taying and annullian a fitter to a second		e Page 2				
ept at provided herein, all terms and conditions of the document of the secure of the	ererencea in item 9A or 10A, as hereto	16A. NAME AND TITLE Dawn Alexander, (OF CONTRACTING OF	FICER (Type or p	rint)	
5B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AMERICA		DATE SIGNE	D
		Down al	pander		126/1	

(Signature of Contracting Officer)

1. Contract Base funding is increased from \$275,752,075.01 by \$1,501,216.12 to \$277,253,291.13.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **February 16, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(d) is obligated under this contract for payment of fixed fee. (End of Clause)

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT I		PAGE (OF PAGES		
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	1	5. PROJECT NO	1	2
524	See Block 16C	420057			J. PROJECT NO). (п аррисао	re)
				ŀ			
6. ISSUED BY	CODE BJ	7. ADMINISTERED BY (If other	-,		co	DE BJ5	
NASA Lyndon B. Johnson Space C	enter	Helen Bell, Contrac	t Specialist				
Institutional Procurement Office		PH: 281.483.8149	_				
Houston, TX 77058 8. NAME AND ADDRESS OF CONTRACTOR (No. Street)	of county Olafe and 710, Ondel	Email: helen.b.bell@	nasa.gov		NDMENT OF SO		
PAE Applied Technologies LLC Attn: Stephen Brettel, Program Ma 6500 West Fwy, Suite 600 Fort Worth, TX 76116	anager		X	9B. DATE	ED (SEE ITEM 1) DIFICATION OF (8 BJA02C	f) CONTRACT/C	•••••
CODE 1JGQ2	FACILITY CODE		 ^	10B. DAT	ED (SEE ITEM :	13)	
	THIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOLI	PITATIONS	0 1/03/2	2008		,
The above numbered solicitation is amended a				. 🗆	s not extended		
Offers must acknowledge receipt of this amendme						•	
(a) By completing Items 8 and 15, and returning separate letter or telegram which includes a refere DESIGNATED FOR THE RECEIPT OF OFFERS you desire to change an offer already submitted amendment, and is received prior to the opening here.	one (1) copy of the amendment; (b) ence to the solicitation and amendmen PRIOR TO THE HOUR AND DATA S such change may be made by telegour and data specified.	By acknowledging receipt of to t numbers. FAILURE OF YOURECIFIED MAY RESULT IN L	his amendment of UR ACKNOWLED	on each co	opy of the offe TO BE RECEI	VED AT TH	IE PLACE
12. ACCOUNTING AND APPROPRIATION DATA (If requ	ired)	**					
SEE SCHEDULE		Net deci		60,000.			
IT MODIFIES	PPLIES ONLY TO MODI THE CONTRACT/ORD	ER NO. AS DESCF	RIBED IN IT	EM 14	1.		
(4) A. THIS CHANGE ORDER IS ISSUED	PURSUANT TO: (Specify authority) Th	E CHANGES SET FORTH IN IT	EM 14 ARE MADE	IN THE C	ONTRACT/ORI	DER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRA SET FORTH IN ITEM 14, PURSUANT TO	CT/ORDER IS MODIFIED TO REFLECT THE AUTHORITY OF FAR 43.103(b).	THE ADMINISTRATIVE CHAN	GES (such as chan	iges in pay	ing office, appro	priation date	, etc.)
C. THIS SUPPLEMENTAL AGREEME	NT IS ENTERED INTO PURSUANT TO A	UTHORITY OF:					
X D. OTHER: Specify type of modification 1852.232-77 Limitation of Fundamental (APR 1984)		ARCH 1989) 52.232-2	2 Limitation o	of Funds	(Cost Rein	nbursable	e)
E. IMPORTANT: Contractor ⊠is n	ot, 🔲 is required to sign th	is document and retu	ırn cop	ies to t	he issuing	office.	
14. DESCRIPTION OF AMENDMENT/MODI							ole)
The purpose of this modification:		3				7010 100010	
1. Deobligate funds from	m Annex 5 Firm Fixed Pi	rice in the amount o	of -\$560,000	0.00.			
2. Clause B.7 – CUMU (ANNEX 5) is herei	ILATIVE VALUE AND F by modified and replaced	UNDING FOR FIRM I by the attached.	M FIXED-F	PRICE	DELIVE	RY ORI	DERS
xcept at provided herein, all terms and conditions of the docu		e Page 2 fore changed, remains unchanged	and in full force and	effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRACTIA	AC UEEIO	ED (Time assert	in B	···
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Dawn Alexander,	Contracting O			DATE SIGN	

(Signature of person authorized to sign)

16B. UNITED STATES OF AMERICA

16C. DATE SIGNED

1/26/16

OMB Approval 2700-0042

1. Contract Annex 5 funding is decreased from \$125,351,491.94 by -\$560,000.00 to \$124,791,491.94.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding			
Prior Cumulative Obligations:	\$125,351,491.94	1 12 61 14		
Incrementally Fund: This Action: DeObligate: This Action	\$0.00 (\$560,000.00)			
			Man () () () () () () () () () (
Revised Cumulative Obligations:	\$124,791,491.94	THE PERSON OF TH		

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16AH1-3 is \$124,7911,491.94.

This allotment covers Delivery Orders 1 through 16AH1-3 from March 1, 2008 through August 20, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1498-1-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT ID	CODE	PAGE O	PAGES
AMENDMENT OF SOLICITATION/	WIODIFICATION OF	CONTRACT			1	4
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	5. PROJECT NO	O. (If applicable	e)
525	See Block 16C	42005	77122			
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other	er than Item 6)	CC	DDE BJ5	
NASA Lyndon B. Johnson Space Center Institutional Procurement Office Houston, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell				
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county	State and ZIP: Code)		(4)	A. AMENDMENT OF SC	LICITATION N	О.
PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager 6500 West Fwy, Suite 600 Fort Worth, TX 76116			X I	B. DATED (SEE ITEM 1) 0A. MODIFICATION OF NNJ08JA02C 0B. DATED (SEE ITEM	CONTRACT/C	RDER NO
ode 1JGQ2	FACILITY CODE			01/03/2008	10)	
11. THIS I		AMENDMENTS OF SOL	ICITATIONS			
The above numbered solicitation is amended as set fort Offers must acknowledge receipt of this amendment prior to (a) By completing Items 8 and 15, and returning one (1) separate letter or telegram which includes a reference to t DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such columns and is received prior to the opening hour and of amendment, and is received prior to the opening hour and of the submitted is the context of the opening hour and of the submitted is the context of the opening hour and of the submitted is the context of the opening hour and of the context of the opening hour and of the opening hour and of the opening hour and other than the context of the opening hour and other than the context of the opening hour and other than the context of the opening hour and other than the opening hour and other than the opening hour and other than the opening hour and	the hour and date specified copy of the amendment; (b) ne solicitation and amendme TO THE HOUR AND DATA thange may be made by tele	in the solicitation or as amend By acknowledging receipt of nt numbers. FAILURE OF YO SPECIFIED MAY RESULT IN	ed, by one of the following this amendment on DUR ACKNOWLEDGE REJECTION OF YOU	each copy of the off GMENT TO BE RECE DUR OFFER. If by vi	er submitted EIVED AT Thrtue of this ar	IE PLACE mendmen
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
SEE SCHEDULE		Net de	crease: \$34	7,882.18		
13. THIS ITEM APPLIE IT MODIFIES THE (4) A. THIS CHANGE ORDER IS ISSUED PURSU	CONTRACT/ORD	ER NO. AS DESC	RIBED IN ITE	EM 14.	RDER NO. IN	ITEM 10A
B. THE ABOVE NUMBERED CONTRACT/ORE SET FORTH IN ITEM 14, PURSUANT TO THE AU	THORITY OF FAR 43.103(b).		NGES (such as chang	es in paying office, app	ropriation date	e, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS EN	ITERED INTO PURSUANT TO	AUTHORITY OF:				
X D. OTHER: Specify type of modification and au 1852.232-77 Limitation of Funds (Fi (APR 1984)		//ARCH 1989) 52.232-	22 Limitation of	Funds (Cost Re	imbursabl	e)
E. IMPORTANT: Contractor ⊠is not, □	is required to sign t	this document and re	turn copi	es to the issuin	g office.	
4. DESCRIPTION OF AMENDMENT/MODIFICAT	ON (Organized by UCF s	section headings, including	g solicitation/contra	act subject matter v	where feasi	ble.)
The purpose of this modification:				-		-

The purpose of this modification: 1. Incrementally Fund Annex4 Estimated Cost in the amount of

Incrementally Fund Annex 4 Fixed Fee in the amount of (b)(4)

- 2. Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$241,162.18.
- 3. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips , Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1/1/2/2013	16C. DATE SIGNED signed by Jason Phillips 16.02.03 16:17:22 -06'00'		
(Signature of person authorized to sign)		Officer)	0.02.03 10.17.22 00 00		

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

1. Contract Annex 4 funding is increased from \$54,223,107.29 by \$109,720.00 to \$54,332,827.29.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$54,223,107.29
Incrementally Fund : This Action: Redistribute from Annex 5 to Annex 4:		(b)(4)		\$106,720.00 \$3,000.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$54,332,827.29

2. Contract Annex 5 funding is increased from \$124,791,491.94 by \$238,162.18 to \$125,029,654.12.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$124,791,491.94
Incrementally Fund: This Action: Redistribute from Annex 5 to Annex4:	\$241,162.18 (\$3,000.00)
Revised Cumulative Obligations:	\$125.029.654.12

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

(a) The estimated cost of Annex 4 is

The fixed-fee is

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

	tified an each took order represents the emergent askingt to the Limitation of Funds delice
iden	tified on each task order represents the amount subject to the Limitation of Funds clause.
l.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8.

This allotment covers Task Orders 1 through 16SK1-1, from March 1, 2008 through June 3, 2016.

(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (h)(4) An additional amount of is obligated under this contract for payment of award fee.

The maximum available award fee is

The total estimated cost, maximum award fee, and fixed-fee are \$54,332,827.29.

(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,332,827.29.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of 65(4)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16ZE1 is \$124,7911,491.94.

This allotment covers Delivery Orders 1 through 16ZE1 from March 1, 2008 through August 24, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 195-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AMENDMENT OF SOLICITATION/	MODIFICATION OF		1. CONTRACT I	D CODE	PAGE O	F PAGES
	I				1	4
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	Q. NO.	5. PROJEC	T NO. (If applicable	<i>*)</i>
526	See Block 16C	N/A				
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other th	an Item 6)		CODE BJ5	
NASA Lyndon B. Johnson Space Center	50	Helen Bell, Contract	,		200	
Institutional Procurement Office		PH: 281.483.8149				
Houston, TX 77058		Email: helen.b.bell@i	nasa.gov			
NAME AND ADDRESS OF CONTRACTOR (No. Street, country)	, State and ZIP: Code)		(4)	9A. AMENDMENT OF	SOLICITATION N	10.
PAE Applied Technologies LLC			,,,			
Attn: Stephen Brettel, Program Manager				9B. DATED (SEE ITE	EM 11)	
6500 West Fwy, Suite 600						
Fort Worth, TX 76116				10A. MODIFICATION		DRDER NO.
1 310 77 31 13			X	NNJ08JA020		
CODE 1JGQ2	EACH ITY CODE		— ^	10B. DATED (SEE II 01/03/2008	TEM 13)	
	FACILITY CODE	AMENDMENTS OF SOLICI	TATIONS	01/03/2008		
The above numbered solicitation is amended as set forth				d, is not exter	ndad	
Offers must acknowledge receipt of this amendment prior to					naea.	
(a) By completing Items 8 and 15, and returning one (1)	•		•	•	offer submitted	. or (c) By
separate letter or telegram which includes a reference to the	he solicitation and amendmen	t numbers. FAILURE OF YOUR	R ACKNOWLE	DGMENT TÓ BE RI	ECEIVED AT TH	HE PLACE
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such cl						
amendment, and is received prior to the opening hour and of		raili of letter, provided each te	negram or lette	i illakes lelelelice	to the solicitatio	ii anu iiis
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
SEE SCHEDULE		Net Increa	ase: 0.0	00		
13. THIS ITEM APPLIE	S ONLY TO MODI	FICATIONS OF CO	NTRACTS	S/ORDERS.		
		ER NO. AS DESCRI				
(4) A. THIS CHANGE ORDER IS ISSUED PURSU.					T/ORDER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORD		THE ADMINISTRATIVE CHANG	ES (such as cha	nges in paying office,	appropriation date	e, etc.)
SET FORTH IN ITEM 14, PURSUANT TO THE AU C. THIS SUPPLEMENTAL AGREEMENT IS EN		VITHOBITY OF:				
C. THIS SOLI ELIMENTAL AGREEMENT IS EN	TERED INTO FORGOANT TO A	KOTHOKITT OF:				
X D. OTHER: Specify type of modification and au	* /					
1852.232-77 Limitation of Funds (Fi	xed Price Contract) (M	ARCH 1989) 52.232-22	Limitation	of Funds (Cost l	Reimbursabl	e)
(APR 1984)						
E. IMPORTANT: Contractor ⊠is not, □	is required to sign th	nis document and retur	rn col	pies to the issu	uing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF se	ection headings, including so	olicitation/con	tract subject matt	er where feasi	ble.)
The purpose of this modification is to	correct an erroneou	is error that occurred	d on page	4 of Mod 52	5 in section	n B.7
item 1. stated "The total firm-fixed p	rice of Delivery Or	ders 1 through 16Z	E1 is \$12	24,7911,491.	94": the co	orrect
statement: "The total firm -fixed price	of Delivery Orders	1 through 16EZ1 is S	\$125,029,	654.12.		
1. Replace section B.7 in its	•	_				
1. Replace section B.1 III it.	s chincip to reneet t	ine correct total.				
	Se	ee Page 2				
Except at provided herein, all terms and conditions of the document refe	erenced in Item 9A or 10A, as heret	ofore changed, remains unchanged a	and in full force ar	nd effect.		

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

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

Jason C. Phillips , Contracting Officer

15B. CONTRACTOR/OFFEROR

15C. DATE SIGNED

16B. UNITED STATES OF AMERICA

Digitally signed by Jason Phillips

Date: 20 6.02.09 13:50:28 -06'00'

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16ZE1 is \$125,029,654.12.

This allotment covers Delivery Orders 1 through 16ZE1 from March 1, 2008 through August 24, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 195-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

AM	ENDMENT OF SOLICITATION	ON/MODIFICATION OF	FCONTRACT	1. CONTRACT II) CODE	PAGE	OF PAGES
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	5. PROJEC	NO. (If applica	ble)
	527	See Block 16C	42005			, ,,	,
6. ISSUED		CODE BJ	7. ADMINISTERED BY (If other	er than Item 6)	l	CODE BJ5	
Institut	Lyndon B. Johnson Space Cer ional Procurement Office on, TX 77058	nter	Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell	·			
	AND ADDRESS OF CONTRACTOR (No. Street,	county. State and ZIP: Code)	Liliali. Helen.b.beli	(4)	9A. AMENDMENT OF	SOLICITATION	NO.
	Applied Technologies LLC	, ,,					
Attn: \$	Stephen Brettel, Program Man West Fwy, Suite 600	ager			9B. DATED (SEE ITE	M 11)	
	Vorth, TX 76116			X	10A. MODIFICATION NNJ08JA02C		Γ/ORDER NO.
CODE 1J	IGQ2	FACILITY CODE			01/03/2008	LW 13)	
	11. T	HIS ITEM ONLY APPLIES TO	AMENDMENTS OF SOL	ICITATIONS			
☐The ab	pove numbered solicitation is amended as s	et forth in Item 14. The hour and da	ate specified for receipt of Offe	ers is extended	, is not exter	ded.	
Offers mu	st acknowledge receipt of this amendment p	orior to the hour and date specified	in the solicitation or as amend	ed, by one of the fo	llowing methods:		
amendme	e to change an offer already submitted, s ent, and is received prior to the opening hour UNTING AND APPROPRIATION DATA (If require CHEDULE	r and data specified.	egram or letter, provided each		r makes reference to 55,326.15	o the solicita	tion and this
	13 THIS ITEM AP	PLIES ONLY TO MOD	DIFICATIONS OF C	ONTRACTS	S/ORDERS		
		THE CONTRACT/ORD					
(4)	A. THIS CHANGE ORDER IS ISSUED P					ORDER NO.	IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRAC SET FORTH IN ITEM 14, PURSUANT TO TI C. THIS SUPPLEMENTAL AGREEMENT	HE AUTHORITY OF FAR 43.103(b).		NGES (such as chai	nges in paying office, a	appropriation d	ate, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT	IS ENTERED INTO PORSUANT TO	AUTHORITY OF.				
Х	D. OTHER: Specify type of modification in 1852.232-77 Limitation of Fund (APR 1984)	• •	MARCH 1989) 52.232-	22 Limitation (of Funds (Cost I	Reimbursal	ble)
E. IMF	PORTANT: Contractor ⊠is no	t, 🗌 is required to sign t	this document and re	turn cor	oies to the issu	ing office	
	CRIPTION OF AMENDMENT/MODIFI			· · · · · · · · · · · · · · · · · · ·			
	rpose of this modification:	,					,
•	Incrementally Fund A	nnex4 Estimated Cost	in the amount of	(b)(4)			
	-	nnex 4 Fixed Fee in th		(4)			
	2. Deobligate Funds from	m Annex 5 Firm Fixed nnex 5 Firm Fixed Pric					

- 1. Increm Increm
- 2. Deoblig Increm
- Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips , Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1/1/2 (100)	16C. DATE SIGNED signed by Jason Phillips		
(Signature of person authorized to sign)		ting Officer) Date: 20	16.02.09 13:49:05 -06'00'		

- 4. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$54,332,827.29 by \$295,287.98 to \$54,628,115.28.



2. Contract Annex 5 funding is increased from \$125,029,654.12 by \$238,162.18 to \$125,289,692.28.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$125,029,654.12
Incrementally Fund: This Action: Redistribute from Annex 5 to Annex 4: DeObligate this Action:	\$271,386.91 (\$2,000.00) (\$9,348.75)
Revised Cumulative Obligations:	\$125,289,692.28

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

(a) The estimated cost of Anne	x 4 is		The maximun	n available	award fee is	(b)	(4)
The fixed-fee is (b)(4)	The tota	l estimated of	cost, maximum	award fee,	, and fixed-fe	e are \$5	4,628,115.28

This allotment covers Task Orders 1 through 161-2, from March 1, 2008 through June 3, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

 An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,628,115.28.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 2979 is \$125,289,692.28.

This allotment covers Delivery Orders 1 through 2979 from March 1, 2008 through August 24, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1201-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>1995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1498-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1519-Recovery Act</u>, <u>1011-16-Recovery Act</u>, <u>1011-17-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1011-20-Recovery Act</u>, <u>1498-1-Recovery Act</u>, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

OMB Approval 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200578792 528 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net increase: \$1,301,053.97 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor ∑is not, ☐ is required to sign this document and return _ copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund Base Estimated Cost in the amount of 2. Incrementally Fund Base Fixed Fee in the amount of 3. Clause B.4 – CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)		1/1/1/1000	Digitally signed by Jason Phillips Date: 2016.02.11 14:36:53 -06'00'		

1. Contract Base funding is increased from \$277,253,291.13 by \$1,301,053.97 to \$278,554,345.10.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (6)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **February 29, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

OMB Approval 2700-0042
PAGE OF PAGES
1 4
ECT NO. (If applicable)
CODE BJ5
OF SOLICITATION NO.
TITEM 11)
ON OF CONTRACT/ORDER NO.
E ITEM 13)
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the offer submitted; or (c) By RECEIVED AT THE PLACE
f by virtue of this amendment ce to the solicitation and this
be to the solicitation and this
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ACT/ORDER NO. IN ITEM 10A.
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suing office.
atter where feasible.)

1. CONTRACT ID CODE

AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE REQ. NO		5. PROJECT NO. (If applicable)
529	See Block 16C	4200578702		
6. ISSUED BY COD	BJ	7. ADMINISTERED BY (If other than Itel	n 6)	CODE BJ5
NASA Lyndon B. Johnson Space Cente		Helen Bell, Contract Spe	,	
Institutional Procurement Office		PH: 281.483.8149	0.001	
Houston, TX 77058		Email: helen.b.bell@nasa	von e	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, cour	ty State and 7IP: Code)	Email: Holon.b.boil@Hab	(4)	9A. AMENDMENT OF SOLICITATION NO.
	ly, State and ZIF. Code)		(4)	9A. AWENDIVIENT OF SOCIETATION NO.
PAE Applied Technologies LLC				
Attn: Stephen Brettel, Program Manage	er			9B. DATED (SEE ITEM 11)
6500 West Fwy, Suite 600			-	10A. MODIFICATION OF CONTRACT/ORDER NO.
Fort Worth, TX 76116			\ \ \	NNJ08JA02C
			Х	10B. DATED (SEE ITEM 13)
CODE 1JGQ2	FACILITY CODE			01/03/2008
11. THIS	ITEM ONLY APPLIES TO	AMENDMENTS OF SOLICITAT	ONS	
The above numbered solicitation is amended as set for	rth in Item 14. The hour and da	te specified for receipt of Offers 🔲 is	s extende	d, is not extended.
Offers must acknowledge receipt of this amendment prior	to the hour and date specified i	n the solicitation or as amended, by or	e of the f	ollowing methods:
(a) By completing Items 8 and 15, and returning one (1				
separate letter or telegram which includes a reference to DESIGNATED FOR THE RECEIPT OF OFFERS PRIOF				
you desire to change an offer already submitted, such				
amendment, and is received prior to the opening hour and	I data specified.			
12. ACCOUNTING AND APPROPRIATION DATA (If required)				
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SEE SCHEDULE		Net Increase:	\$2	98,948.55
SEE SCHEDULE	IES ONLY TO MOD			•
SEE SCHEDULE 13. THIS ITEM APPL		IFICATIONS OF CONTI	RACT	S/ORDERS,
SEE SCHEDULE 13. THIS ITEM APPL IT MODIFIES TH	E CONTRACT/ORD	IFICATIONS OF CONTI ER NO. AS DESCRIBE	RACT: D IN I	S/ORDERS, TEM 14.
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SEE SCHEDULE 13. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURS	E CONTRACT/ORD UANT TO: (Specify authority) TI	IFICATIONS OF CONTI ER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14	RACTS D IN I	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A.
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A. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURS B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE A C. THIS SUPPLEMENTAL AGREEMENT IS I X D. OTHER: Specify type of modification and is 1852.232-77 Limitation of Funds (I (APR 1984)	E CONTRACT/ORD UANT TO: (Specify authority) THE RDER IS MODIFIED TO REFLECT UTHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO authority) Fixed Price Contract) (M.	IFICATIONS OF CONTI ER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF:	RACTS D IN I	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Description of the contract of t
SEE SCHEDULE 13. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE ACT. C. THIS SUPPLEMENTAL AGREEMENT IS IN 1852.232-77 Limitation of Funds (1)	E CONTRACT/ORD UANT TO: (Specify authority) THE RDER IS MODIFIED TO REFLECT UTHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO authority) Fixed Price Contract) (M.	IFICATIONS OF CONTI ER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF:	RACTS D IN I	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Description of the contract of t
A. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURS B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE A C. THIS SUPPLEMENTAL AGREEMENT IS I X D. OTHER: Specify type of modification and is 1852.232-77 Limitation of Funds (I (APR 1984)	E CONTRACT/ORD UANT TO: (Specify authority) THE RDER IS MODIFIED TO REFLECT UTHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO authority) Fixed Price Contract) (M.	IFICATIONS OF CONTICER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 IT THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF: IARCH 1989) 52.232-22 Lim this document and return	RACTS D IN IT ARE MAD uch as cha	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Designed in paying office, appropriation date, etc.) of Funds (Cost Reimbursable) pies to the issuing office.
A. THIS CHANGE ORDER IS ISSUED PURS B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE ACC. THIS SUPPLEMENTAL AGREEMENT IS IN 1852.232-77 Limitation of Funds (IAPR 1984) E. IMPORTANT: Contractor Sis not, [E CONTRACT/ORD UANT TO: (Specify authority) THE RDER IS MODIFIED TO REFLECT UTHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO authority) Fixed Price Contract) (M.	IFICATIONS OF CONTICER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 IT THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF: IARCH 1989) 52.232-22 Lim this document and return	RACTS D IN IT ARE MAD uch as cha	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Designed in paying office, appropriation date, etc.) of Funds (Cost Reimbursable) pies to the issuing office.
A. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURS B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE A C. THIS SUPPLEMENTAL AGREEMENT IS I X D. OTHER: Specify type of modification and a 1852.232-77 Limitation of Funds (I (APR 1984) E. IMPORTANT: Contractor Sis not, [14. DESCRIPTION OF AMENDMENT/MODIFICA	E CONTRACT/ORD UANT TO: (Specify authority) THE RIDER IS MODIFIED TO REFLECT UITHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO Buthority) Fixed Price Contract) (M. Is required to sign to the sign of the	IFICATIONS OF CONTICER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 IT THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF: IARCH 1989) 52.232-22 Lim this document and return _ ection headings, including solicita	RACTS D IN IT ARE MAD uch as cha	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Designed in paying office, appropriation date, etc.) of Funds (Cost Reimbursable) pies to the issuing office.
A. THIS ITEM APPL IT MODIFIES TH (4) A. THIS CHANGE ORDER IS ISSUED PURS B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE A C. THIS SUPPLEMENTAL AGREEMENT IS I X D. OTHER: Specify type of modification and 1852.232-77 Limitation of Funds (I (APR 1984) E. IMPORTANT: Contractor ⊠is not, [14. DESCRIPTION OF AMENDMENT/MODIFICATION of this modification:	E CONTRACT/ORD UANT TO: (Specify authority) THE RDER IS MODIFIED TO REFLECT UTHORITY OF FAR 43.103(b). ENTERED INTO PURSUANT TO authority) Fixed Price Contract) (Management of the sign temperature) Is required to sign temperature of the si	IFICATIONS OF CONTINER NO. AS DESCRIBE HE CHANGES SET FORTH IN ITEM 14 IT THE ADMINISTRATIVE CHANGES (SI AUTHORITY OF: IARCH 1989) 52.232-22 Lim this document and return _ ection headings, including solicite in the amount of	RACTS D IN IT ARE MAD uch as cha	S/ORDERS, TEM 14. DE IN THE CONTRACT/ORDER NO. IN ITEM 10A. Designed in paying office, appropriation date, etc.) of Funds (Cost Reimbursable) pies to the issuing office.

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

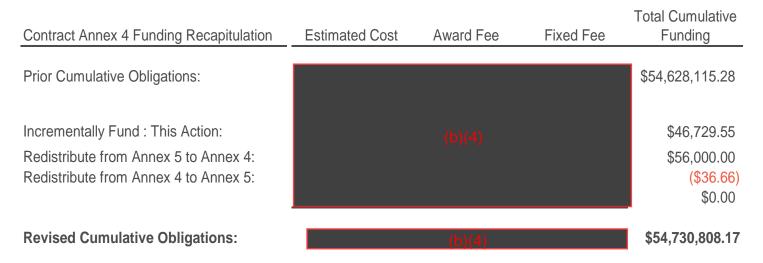
See Page 2

3. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips , Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Digitally signed by Jason Phillips Date: 2016.02.19 10:19:58 -06'00'			
(Signature of person authorized to sign)		ing Officer) Date. 20 0.02.19 10.19.38 -00 00			

- 4. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of (b)(4)
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replace by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$54,628,115.28 by \$102,692.89 to \$54,730,808.17.



2. Contract Annex 5 funding is increased from \$125,289,692.28 by \$196,255.66 to \$125,485,947.94.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$125,289,692.28
Incrementally Fund: This Action: Redistribute from Annex 5 to Annex 4: Redistribute from Annex 4 to Annex 5:	\$252,219.00 (\$56,000.00) \$36.66
Revised Cumulative Obligations:	\$125,485,947.94

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

	resents the funding level and will be updated on a periodic basis to increase the funding level. The ntified on each task order represents the amount subject to the Limitation of Funds clause.	ne ID/IQ value
l.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru	8.

(a) The estimated cost of Ann	าex 4 is			Th	e ma	ximur	n availa	able	awa	rd fee	is				
The fixed-fee is (b)(4)	The	total	estimated	cost,	max	imum	award	fee	, and	l fixed	-fee	are	<u>\$54,</u>	730,8	<u>308.17</u>
												_			_

This allotment covers Task Orders 1 through 16SK1-4, from March 1, 2008 through August 1, 2016.

- (b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

 (b)(4)

 An additional amount of ward fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,730,808.17.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders <u>74-Recovery Act.</u> is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders <u>74-Recovery Act</u>, <u>74-1-Recovery Act</u>, <u>74-2-Recovery Act</u> is additional amount of the obligated under this contract for payment of fixed fee.

B.7 <u>CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)</u>

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 16ES1-2 is \$125,485,947.94.

This allotment covers Delivery Orders 1 through 16ES1-2 from March 1, 2008 through September 15, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-16-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

OMB Approval 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200579898 530 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net increase: \$16,758,000.00 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, I is required to sign this document and return. copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund Base Estimated Cost in the amount of 2. Incrementally Fund Base Award Fee in the amount of 3. Clause B.4 – CONTRACT FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes 4 and 5) is hereby modified and replaced by the attached.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Jason C. Phillips, Contracting Officer	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1/4/2/16023	16C. DATE SIGNED signed by Jason Phillips 16.02.25 08:18:38 -06'00'
(Signature of person authorized to sign))fficer)	

1. Contract Base funding is increased from \$278,554,345.10 by \$16,758,000.00 to \$295,312,345.10.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **August 18, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

ARA	ENDMENT OF COLICITATION (S	AODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE OI	F PAGES
AIV	ENDMENT OF SOLICITATION/N	IODIFICATION OF	CONTRACT				1	2
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.	5	5. PROJECT NO). (If applicable	;)
	531	See Block 16C	4200568996,70388,	568996, 57	5064			
6. ISSUED BY CODE BJ 7. ADMINISTERED BY (If other t			than Item 6)		CO	DE BJ5		
	Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist				
	onal Procurement Office		PH: 281.483.8149					
	n, TX 77058		Email: helen.b.bell@	nasa.gov				
	AND ADDRESS OF CONTRACTOR (No. Street, county, S	State and ZIP: Code)		(4)	9A. AMEN	IDMENT OF SOI	LICITATION N	O.
	Applied Technologies LLC							
	Stephen Brettel, Program Manager				9B. DATE	ED (SEE ITEM 1	1)	
	West Fwy, Suite 600 Vorth, TX 76116				10A. MOD	DIFICATION OF (CONTRACT/C	RDER NO.
1 OIL V	Voitii, TX 70110			X		BJA02C		
CODE 1	GQ2	FACILITY CODE		— ^	10B. DAT	ED <i>(SEE ITEM</i>)	13)	
CODE 10			AMENDMENTS OF SOLIC	TATIONS	01/03/2	2000		
☐The al	pove numbered solicitation is amended as set forth			_	nd Di	s not extended	1	
	st acknowledge receipt of this amendment prior to							
separate DESIGNA you desir amendme	mpleting Items 8 and 15, and returning one (1) cetter or telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR The to change an offer already submitted, such chant, and is received prior to the opening hour and date.	e solicitation and amendmer O THE HOUR AND DATA S ange may be made by tele	nt numbers. FAILURE OF YOU SPECIFIED MAY RESULT IN R	JR ACKNOWLE REJECTION OF	DGMENT YOUR OF	TO BE RECE FER. If by viri	IVED AT TH tue of this ar	IE PLACE mendment
	UNTING AND APPROPRIATION DATA (If required)		Net Decr	roaco:	\$335,000	0.00		
SEE SC								
	13. THIS ITEM APPLIE IT MODIFIES THE							
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	NT TO: (Specify authority) TI	HE CHANGES SET FORTH IN IT	EM 14 ARE MAI	DE IN THE C	CONTRACT/OR	DER NO. IN	ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDE SET FORTH IN ITEM 14, PURSUANT TO THE AUT	HORITY OF FAR 43.103(b).		GES (such as ch	anges in pay	ving office, appr	opriation date	e, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS ENT	ERED INTO PURSUANT TO	AUTHORITY OF:					
Х	D. OTHER: Specify type of modification and auth 1852.232-77 Limitation of Funds (Fix (APR 1984)		IARCH 1989) 52.232-22	2 Limitation	of Fund	s (Cost Rei	mbursable	e)
E. IMF	PORTANT: Contractor ⊠is not, □	is required to sign t	his document and retu	ırn co	pies to	the issuing	g office.	
14. DES	CRIPTION OF AMENDMENT/MODIFICATION	ON (Organized by UCF s	ection headings, including s	solicitation/co	ntract sub	ject matter v	here feasi	ble.)
The pu	rpose of this modification:							
	Deobligate funds from Ann	nex 5 Firm Fixed F	Price in the amount o	of -\$335,0	00.00.			
	2. Clause B.7 – CUMULATI (ANNEX 5) is hereby mo			RM FIXED	-PRICE	E DELIVE	ERY OR	DERS
			See Page 2					
xcept at prov	ided herein, all terms and conditions of the document refere	enced in Item 9A or 10A, as here	tofore changed, remains unchanged	d and in full force a	nd effect.			

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips , Contracting Officer		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED	
		1/2/2/2000	signed by Jason Phillips	
(Signature of person authorized to sign)		ting Officer) Date: 20	16.03.02 10:48:42 -06'00'	

1. Contract Annex 5 funding is decreased from \$125,485,947.94 by -\$335,000.00 to \$125,150,947.94.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$125,485,947.94
Incrementally Fund: This Action: Deobligate from Annex 5: This Action:	\$0.00 (\$335,000.00)
Revised Cumulative Obligations:	\$125,150,947.94

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 8

The total firm-fixed-price of Delivery Orders 1 through 2889-2 is \$125,150,947.94.

This allotment covers Delivery Orders 1 through 2889-2 from March 1, 2008 through September 1, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 195-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

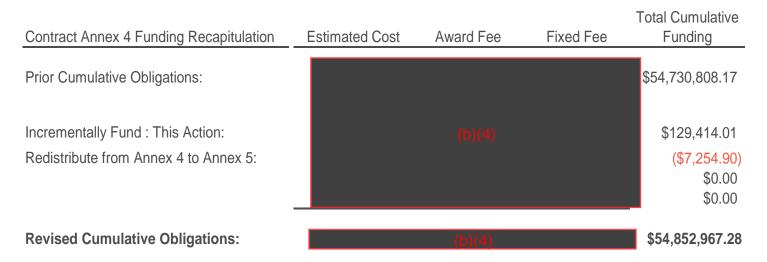
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AM	ENDMENT OF SOLICITATION/N	MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE	PAGE OF	
2. AMEND	MENT/MODIFICATION NO. 532	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE R 4200580				
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)	C	ODE BJ5	
Institut	Lyndon B. Johnson Space Center onal Procurement Office n, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@	·			
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AMENDMENT OF SO	OLICITATION N	IO.
Attn: S	Applied Technologies LLC Stephen Brettel, Program Manager West Fwy, Suite 600				9B. DATED (SEE ITEM		
Fort V	Vorth, TX 76116			X	10A. MODIFICATION OF NNJ08JA02C 10B. DATED (SEE ITEM		ORDER NO.
CODE 1J	GQ2	FACILITY CODE			01/03/2008	1 13)	
	11. THIS IT		AMENDMENTS OF SOLIC	CITATIONS	<u> </u>		
☐The ab	ove numbered solicitation is amended as set forth	in Item 14. The hour and da	te specified for receipt of Offers	is extende	ed, is not extende	ed.	
Offers mu	st acknowledge receipt of this amendment prior to	the hour and date specified in	n the solicitation or as amended	d, by one of the	following methods:		
separate I DESIGNA you desire amendme	mpleting Items 8 and 15, and returning one (1) of etter or telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR Tepto change an offer already submitted, such chant, and is received prior to the opening hour and discounting the such change.	e solicitation and amendmen O THE HOUR AND DATA S ange may be made by teleg	nt numbers. FAILURE OF YOU SPECIFIED MAY RESULT IN F	JR ACKNOWLE REJECTION OF	EDGMENT TO BE REC YOUR OFFER. If by v	EIVED AT TH irtue of this ar	HE PLACE mendment
	UNTING AND APPROPRIATION DATA (If required) CHEDULE		Net Incre	ease: \$1	1,667,964.02		
	13. THIS ITEM APPLIE IT MODIFIES THE						
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	NT TO: (Specify authority) Th	HE CHANGES SET FORTH IN IT	EM 14 ARE MAD	DE IN THE CONTRACT/O	RDER NO. IN	ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDI SET FORTH IN ITEM 14, PURSUANT TO THE AUT	HORITY OF FAR 43.103(b).		GES (such as ch	anges in paying office, app	propriation date	e, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS EN	FERED INTO PURSUANT TO A	AUTHORITY OF:				
X	D. OTHER: Specify type of modification and autil 1852.232-77 Limitation of Funds (Fix (APR 1984)		(ARCH 1989) 52.232-2	2 Limitation	of Funds (Cost Re	eimbursable	e)
E. IMF	PORTANT: Contractor ⊠is not, □	is required to sign the	his document and retu	urn co	pies to the issuir	ng office.	
	CRIPTION OF AMENDMENT/MODIFICATION PROSE of this modification:	ON (Organized by UCF se	ection headings, including s	solicitation/col	ntract subject matter	where feasi	ble.)
1. Inc	crementally Fund Annex4 Estima	ated Cost in the an	mount of (b)(4)	Increm	entally Fund Ar	nnex 4 Fi	ixed
Fe	e in the amount of (b)(4)						
2. Ind	crementally Fund Annex 5 Firm	Fixed Price in the	amount of \$1,538,5	50.01.			
_	edistributing Funds from Anne 7,254.90.	c 4 Estimated Co.	st to Annex 5 Firn	n Fixed P	rice in the am	ount of	

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
		1/2/, ///	signed by Jason Phillips		
(Signature of person authorized to sign)		cting Officer) Date: 20	16.03.08 06:55:44 -06'00'		

- 4. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replace by the attached.
- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$54,730,808.17 by \$122,159.11 to \$54,852,967.28.



2. Contract Annex 5 funding is increased from \$125,150,947.94 by \$1,545,804.91 to \$126,696,752.85.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$125,150,947.94
Incrementally Fund: This Action: Redistribute Funds from Annex 4 to Annex5:	\$1,538,550.01 \$7,254.90
Revised Cumulative Obligations:	\$126,696,752.85

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 8

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

• • •	Broth Entropy of Contract of Territ 17 (17) Entropy Excitation of Entropy of Contract of C
` '	The estimated cost of Annex 4 is (b)(4). The maximum available award fee is (b)(4) e fixed-fee is (b)(4). The total estimated cost, maximum award fee, and fixed-fee are \$54,852,967.28.
	This allotment covers Task Orders 1 through 16JP1-2, from March 1, 2008 through August 15, 2016.
	maron i 2000 rack oraclo i anoagni icon i 2, nom <u>maron i, 2000</u> anoagni <u>ragaet ie, 2010</u> .
	(b) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the
	total amount allotted by the Government for Task Orders is (b)(4) An additional amount of

(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$54,852,967.28.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

is obligated under this contract for payment of award fee.

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is (b)(4) and additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 16CD1-5 is \$126,696,762.85.

This allotment covers Delivery Orders 1 through 16CD1-5 from March 1, 2008 through November 1, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-19-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

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AME	ENDMENT OF SOLICITATION/N	MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE OI	
2. AMENDME	ENT/MODIFICATION NO. 533	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE RI 4200574682	E REQ. NO. 5. PROJECT NO. (If app				
Institutio	yndon B. Johnson Space Center nal Procurement Office , TX 77058	ВЈ	7. ADMINISTERED BY (If other to Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@	Specialist		со	DE BJ5	
8. NAME AI PAE Ap Attn: St 6500 W	ND ADDRESS OF CONTRACTOR (No. Street, county, oplied Technologies LLC ephen Brettel, Program Manager /est Fwy, Suite 600 orth, TX 76116	State and ZIP: Code)		(4)	9B. DA	TED (SEE ITEM 1 DDIFICATION OF 208JA02C	1) CONTRACT/C	
CODE 1JG		FACILITY CODE	AMENDMENTS OF SOLIC	CITATIONS	1	ATED (SEE ITEM 8/2008	13)	
(a) By comp separate let DESIGNATI you desire amendment	acknowledge receipt of this amendment prior to pleting Items 8 and 15, and returning one (1) of the reference to the terror telegram which includes a reference to the DFOR THE RECEIPT OF OFFERS PRIOR TO to change an offer already submitted, such change is received prior to the opening hour and distributed and the properties of the pro	copy of the amendment; (b) I e solicitation and amendmen O THE HOUR AND DATA Sange may be made by teleg	By acknowledging receipt of the trumbers. FAILURE OF YOU PECIFIED MAY RESULT IN R	nis amendment JR ACKNOWLE REJECTION OF	on each DGMEN YOUR C	copy of the offe T TO BE RECE FFER. If by vir	IVED AT TH tue of this ar	IE PLACE mendment
SEE SCH	HEDULE	C ONLY TO MODI	Net Incre	*	4,243.0			
(2)	13. THIS ITEM APPLIE IT MODIFIES THE	CONTRACT/ORD	ER NO. AS DESCR	IBED IN I	TEM [*]	14.	DED NO. IN	ITEM 400
(.,	 THIS CHANGE ORDER IS ISSUED PURSUA THE ABOVE NUMBERED CONTRACT/ORDI 							
\$	B. THE ABOVE NUMBERED CONTRACT/ORDI SET FORTH IN ITEM 14, PURSUANT TO THE AUT C. THIS SUPPLEMENTAL AGREEMENT IS EN	HORITY OF FAR 43.103(b).		SES (SUCTI AS CTA	anges in p	aying onice, appi	торпацоп дате	e, etc.)
X D. OTHER: Specify type of modification and authority) 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984)								
	ORTANT: Contractor ⊠is not, □							
	RIPTION OF AMENDMENT/MODIFICATION OF A		-	solicitation/cor	itract su	ıbject matter v	vnere teasi.	pie.)
2. Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$7,984.00.								
			See Page 2					
xcept at provide	ed herein, all terms and conditions of the document refer	renced in Item 9A or 10A, as heret	rofore changed, remains unchanged	l and in full force a	nd effect.			

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips , Contracting Officer		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	1/2/2 1100	16C. DATE SIGNED signed by Jason Phillips	
(Signature of person authorized to sign)		ting Officer) Date: 20	16.03.10 11:25:48 -06'00'	

- 3. Clause B.4 CUMULATIVE FUNDING (NFS 1852.232-81)(JUN 1990)(not including Annexes4 and 5) is hereby modified and replaced by the attached.
- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$295,312,345.10 by \$6,259.62 to \$295,318,604.72.

Contract Base Funding			Total Cumulative
Recapitulation	Estimated Cost Award Fe	e Fixed Fee	_ <u>Funding</u>
Prior Cumulative Obligations:			\$295,312,345.10
Incrementally Funded: this Action	(b)		\$6,259.62
			\$0.00
			\$0.00
Revised Cumulative Obligations:	(b)(d)	l)	\$295,318,604.72

2. Contract Annex 5 funding is increased from \$126,696,752.85 by \$7,984.00 to \$126,704,736.85.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$126,696,752.85
Incrementally Fund: This Action:	\$7,984.00
Revised Cumulative Obligations:	\$126,704,736.85

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **August 18, 2016**.

- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(d) is obligated under this contract for payment of fixed fee. (End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 15XI1-4 is \$126,704,762.85.

This allotment covers Delivery Orders 1 through 15XI1-4 from March 1, 2008 through November 1, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1168-2-Recovery Act, 1168-2-Reco

PAGE

1. CONTRACT ID CODE

AMENDMEN	T OF SOLICITATION/I	MODIFICATION OF	CONTRACT	1. CONTRACT II	CODE		TAGE O	PAGES
2. AMENDMENT/MODIFICA	TION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	EQ. NO.		5. PROJECT NO). (If applicable	6 e)
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6. ISSUED BY	CODE	ВЈ	7. ADMINISTERED BY (If other to	han Item 6)		CO	DDE BJ5	
NASA Lyndon B.	Johnson Space Center		Helen Bell, Contract	Specialist				
Institutional Procu			PH: 281.483.8149					
Houston, TX 7705	58		Email: helen.b.bell@	nasa.gov				
	OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AME	NDMENT OF SO	LICITATION N	10.
PAE Applied Tec								
	ettel, Program Manager				9B. DAT	ED (SEE ITEM 1	1)	
6500 West Fwy,					10A MO	DIFICATION OF	CONTRACT/C	DRDER NO
Fort Worth, TX 7	0110			X	NNJ0	8JA02C		
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CODE 1JGQ2	44 TUIC I	FACILITY CODE	AMENIDMENTS OF SOLIC	ITATIONIC	01/03/	2008		
The shows numbered	solicitation is amended as set forth		AMENDMENTS OF SOLIC			is not extended		
	receipt of this amendment prior to		·	·			1.	
o .	8 and 15, and returning one (1)	'		,	· ·		er submitted	or (c) By
separate letter or telegrar	m which includes a reference to the	ne solicitation and amendmen	t numbers. FAILURE OF YOU	JR ACKNOWLE	OGMENT	TO BE RECE	IVED AT TH	HE PLACE
	RECEIPT OF OFFERS PRIOR offer already submitted, such ch							
	ved prior to the opening hour and c	ata specified.						
SEE SCHEDULE	PROPRIATION DATA (If required)		Net Incre	¢1	0E0 27	0.22		
					058,37			
1	3. THIS ITEM APPLIE					,		
			ER NO. AS DESCR					
(4) A. THIS CH	ANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) TH	IE CHANGES SET FORTH IN ITE	EM 14 ARE MADI	E IN THE	CONTRACT/OF	(DER NO. IN	ITEM 10A.
B. THE ABO	OVE NUMBERED CONTRACT/ORD	ED IS MODIFIED TO DEEL FOT	THE ADMINISTRATIVE CHANG	SES (quah an aha	nace in na	wing office one	ransiation dat	
	I ITEM 14, PURSUANT TO THE AU		THE ADMINISTRATIVE CHANG	SES (SUCIT AS CITAL	iges iii pa	iyirig onice, appi	opriation date	, eic.)
C. THIS SU	PPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT TO A	AUTHORITY OF:					
D. OTHER:	Specify type of modification and au	thority)						
^ 1	77 Limitation of Funds (Fi		ARCH 1989) 52.232-22	2 Limitation of	of Fund	ls (Cost Rei	mbursabl	e)
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E. IMPORTANT:	Contractor ⊠is not, □	is required to sign th	nis document and retu	ırn cor	oies to	the issuing	g office.	
	AMENDMENT/MODIFICATI							ible.)
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	ementally Fund BASE	Estimated Cost in	the amount of	5)/4)				
	•))(4)				
Incre	ementally Fund BASE	: Award Fee in the a	amount of (b)(4)					
	ementally Fund Annex			<u>(b)(4)</u>				
Incr	ementally Fund Anne	x 4 Fixed Fee in the	e amount of(b)(4	1)				
0 /200	ana antalli i Fi wad Amaa	. F Figure Figure of the since	in the energy of of O	000 047 4	2			
	ementally Fund Annex					divory Or	doro 1 ±L	arough
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_	3126,704,762.85". The 3126,704,736,85"	e correct statement	i io THE Wiai IIIII-III	vea-huce (ווטט וי	very Orde	11 1 6 K	ougn
10/11-4 15	<u> 3126,704,736.85"</u> .		See Page 2					
			•					
Except at provided herein, all ten	ms and conditions of the document refe F SIGNER (Type or print)	renced in Item 9A or 10A, as heret	ofore changed, remains unchanged 16A. NAME AND TITLE			CER (Type or	print)	
	(1)po o. piniy		Jason C. Phillips ,			(. , po or	ry	

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

(Signature of person authorized to sign)

15B. CONTRACTOR/OFFEROR

30-105 COMPUTER GENERATED FAR (48 CFR) 53.24

16B. UNITED STATES OF AMERICA

15C. DATE SIGNED

Digitally signed by Jason Phillips
acting Officer) Date: 2016.04.20 14:51:54 -05'00'

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA

16C. DATE SIGNED

- 4. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$64,496.79.
- 5. Redistributing funds from Annex 4 Fixed Fee to Annex 5 Firm Fixed Price in the amount of \$3,545.12.
- 6. Redistributing funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of
- 7. Clause B.4 CUMULATIVE VALUE AND FUNDING (NFS 1852.232-81)(JUN 1990)(not Annexes 4 and 5) is hereby modifies and replaced by the attached.
- 8. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 9. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$295,318,604.72 by \$12,178.20 to \$295,330,782.92.

Contract Base Funding Recapitulation	Estimated Cost Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:			\$295,318,604.72
Incrementally Funded: this Action	(b)(4)		\$12,178.20 \$0.00 \$0.00
Revised Cumulative Obligations:	(b)(4)		\$295,330,782.92

2. Contract Annex 4 funding is increased from \$54,852,967.28 by \$257,132.63 to \$55,110,099.91.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$54,852,967.28
Incrementally Fund : This Action: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:		(b)(4)		\$238,174.54 (\$68,041.91) \$87,000.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,110,099.91

3. Contract Annex 5 funding is increased from \$126,704,736.85 by \$789,059.40 to \$127,493,796.25.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$126,704,736.85
Incrementally Fund: This Action: Redistribute funds from Annex 4 to Annex 5: Redistribute funds from Annex 5 to Annex 4:	\$808,017.49 (\$87,000.00) \$68,041.91
Revised Cumulative Obligations:	\$127,493,796.25

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

- (a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

 This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: August 18, 2016.
- (b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.
- (c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FO	<u>R CONTRACT \</u>	<u>YEAR 1 AND 2</u>	Including Exerc	<u>cised options Y</u>	<u>'EAR's 3</u>	<u> thru 8.</u>
				-		•	•

(a) The estimated cost of Annex	x 4 is (b)(4)	The maximum available	award fee is	(b)(4)
The fixed-fee is (b)(4)	The total estimated co	ost, maximum award fee,	and fixed-fee a	re \$55,110,099.91 .

This allotment covers Task Orders 1 through 16JA5-4, from March 1, 2008 through November 1, 2016.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,110,099.91.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders <u>74-Recovery Act</u>, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 15CC1-8 is \$127,493,796.25.

This allotment covers Delivery Orders 1 through 15CC1-8 from March 1, 2008 through December 1, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Ac

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 4-20-15	\$12.50	\$1,000.00	\$1,012.50
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016	\$562,928.90	-\$104,476.67	\$458,452.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016	\$594,900.76	\$213,069.00	\$807,969.76
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016	\$49,142.85	\$152,075.55	\$201,218.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016	\$22,347.19	\$28,152.89	\$50,500.08
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016	\$1,263.60	\$200.00	\$1,463.60
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 4/1/2016	\$257,301.00	\$0.00	\$257,301.00
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016	\$14,179.87	\$4,169.40	\$18,349.27
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016	\$6,762.89	\$0.00	\$6,762.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016	\$37,600.11	\$0.00	\$37,600.11
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016	\$11,673.88	-\$530.00	\$11,143.88

				1		1	Page
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016	\$225,769.16		\$168,789.00	
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-5 / 04/20/2016 CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	-\$56,980.16 \$0.00	\$29,048.18	Net zero
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00	
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$213,384.30	\$250,000.00	\$463,384.30	
FY16 NA1 DO DDN Acct	11/02/15	09/30/16		\$696.23		\$696.23	_
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64	
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016	\$78,665.00	\$0.00	\$78,665.00	
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$54,454.00	\$7,066.08	\$61,520.08	
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16	
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79	
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94	
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016	\$68,028.93	-\$20,972.40	\$47,056.53	
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19	
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80	
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016	\$80,856.28	-\$4,000.00	\$76,856.28	
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56]
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44]
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04]
					\$468,773.69		-

2. AMENDMEN		ATION OF CONTRACT			1 64
	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQI	JISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)
000535		See Block 16C	N/A		
6. ISSUED BY	CODE	JSC	7. ADM	INISTERED BY (If other than Item 6)	CODE JSC
Attn: He 2101 NAS	hnson Space Center elen Bell/BJ5 SA Parkway TX 77058-3696		Hele 2101	./Johnson Space Center n B. Bell NASA Parkway ton TX 77058-3696	
	12222222222222222222222222222222222222		1		
3. NAME AND	ADDRESS OF CONTRACTOR (No., street	county, State and ZIP Code)	(x) 9A.	AMENDMENT OF SOLICITATION NO.	
AE Appl	lied Technologies LLC				
500 Wes	st Freeway Ste 600		9B.	DATED (SEE ITEM 11)	
ort Wor	oth TX 76116-2118				
			x 10A	. MODIFICATION OF CONTRACT/ORDER J08JA02C	NO.
				0000A02C	
			10B	. DATED (SEE ITEM 13)	
CODE 1.T		FACILITY CODE	<u> </u>	_/03/2008	
	, U.Y.L	11. THIS ITEM ONLY APPLIES TO			
	numbered solicitation is amended as set fo				tended, is not extended.
	the solicitation and this amendment, and TING AND APPROPRIATION DATA (If requ 13. THIS ITEM ONLY APPLIES TO M	uired)		cified. DIFIES THE CONTRACT/ORDER NO. AS D	DESCRIBED IN ITEM 14.
CHECK ONE	A. THIS CHANGE ORDER IS ISSUED F ORDER NO. IN ITEM 10A.	PURSUANT TO: (Specify authority) Th	HE CHANGI	ES SET FORTH IN ITEM 14 ARE MADE IN	THE CONTRACT
	B. THE ABOVE NUMBERED CONTRAC appropriation date, etc.) SET FORTH	CT/ORDER IS MODIFIED TO REFLEC I IN ITEM 14, PURSUANT TO THE AU	OT THE ADM UTHORITY (IINISTRATIVE CHANGES (such as change DF FAR 43.103(b).	es in paying office,
X			AUTHORIT	V OF:	
X	C. THIS SUPPLEMENTAL AGREEMEN	T IS ENTERED INTO PURSUANT TO		TOF.	
X	C. THIS SUPPLEMENTAL AGREEMEN D. OTHER (Specify type of modification			TOP.	
Х				T Or.	
X E. IMPORTANT	D. OTHER (Specify type of modification	and authority)			uina office.
E. IMPORTAN	D. OTHER (Specify type of modification T: Contractor	and authority) is required to sign this document	and return	copies to the issu	<u> </u>
E. IMPORTANT	D. OTHER (Specify type of modification T: Contractor	and authority) is required to sign this document organized by UCF section headings,	and return	copies to the issu	sible.)
E. IMPORTANT 14. DESCRIP The purp	D. OTHER (Specify type of modification T: Contractor	and authority) ☐ is required to sign this document forganized by UCF section headings, tion is to incorpor	and return including so	copies to the issu	dated 1 March
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E. IMPORTANT 14. DESCRIPT The purp 2016. The Payment Net 30 co	T: Contractor is not. TION OF AMENDMENT/MODIFICATION pose of this modification will rep Terms: days	and authority) ☐ is required to sign this document (Organized by UCF section headings, tion is to incorpor lace Section J, Att	and return including so tate Sa tachmen	copies to the issu- licitation/contract subject matter where fea- fety and Health Plan at B (Contractor Plans	sible.) dated 1 March) in its entirety. n full force and effect.
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Safety and Health Plan Lyndon B. Johnson Facility Support Services Contract No. NNJ08JA02C

Prepared by: PAE – Technical Services

March 1, 2016



Technical Services - F	Plan	Title:				Number: 1001-PL
Facilities Support Conti NASA Johnson Space Ce		Safet	ty and F	lealth	Plan	
Unit Issuing: Safety & Health		oved by: Bill) Young	Initial Issue: 3/5/2008	Page: 2 of 63	Revision: H Effective Da 3/1/20156	te:

RESTRICTED DATA NOTICE

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Technical Services - Plan Facilities Support Contract NASA Johnson Space Center

Title:

Number:

Safety and Health Plan

Approved by: Unit Issuing: Safety & Health WM (Bill) Young Initial Issue: 3/5/2008

Page: 3 of 63 Revision: H Effective Date: 3/1/2016



REVISION PAGE

REVISION HISTORY

Rev. No.	Description	Approving Authority	Effective Date
0	Baseline Release		03/05/2008
1	Annual Review		03/01/2009
2	Annual Review		03/01/2010
3	Annual Review		03/01/2011
4	Annual Review		03/01/2012
5	Annual Review		03/01/2013
6	Annual Review		03/01/2014
7	Annual Review		03/01/2015
8	Annual Review		03/01/2016

Title:

Number:

Facilities Support Contract NASA Johnson Space Center

Unit Issuing:

Safety & Health

Safety and Health Plan

Approved by: WM (Bill) Young

Initial Issue: 3/5/2008 Page: 4 of 63 Revision: H Effective Date: 3/1/2016



SIGNATURE PAGE

Title	Signature	Date
PAE Program Manager Stephen P. Brettel	ARAM	2/29/2016
PAE Designated Safety Official William M. Young	Willia Son	2.29-2016
JSC COR Juan Etheridge	Jun Eliza	2-29-16
JSC Contracting Officer Jason Phillips	ph	2-29-16
Space and Occupational Medicine Brach Angel Plaza	angel Why	2-29-2016
JSC Occupational Safety Branch David T. Loyd	EW Dundlen	2-29-20/

Title:

Number:

Facilities Support Contract NASA Johnson Space Center

Safety and Health Plan

Unit Issuing: Approved by: Safety & Health WM (Bill) Young

Initial Issue: 3/5/2008

Page: 5 of 63

Revision: H

Effective Date: 3/1/2016



TABLE OF CONTENTS

Title:

Number:

Facilities Support Contract NASA Johnson Space Center

Unit Issuing: Safety & Health

Safety and Health Plan

Approved by: Page: Initial Issue: Revision: H WM (Bill) Young 3/5/2008 6 of 63

Effective Date: 3/1/2016



Title:

Number:

Facilities Support Contract NASA Johnson Space Center

Safety and Health Plan

PAE

Unit Issuing: Safety & Health Approved by: WM (Bill) Young Initial Issue: 3/5/2008

Page: 7 of 63

Revision: H

Effective Date: 3/1/2016



Pages 135 through 190 redacted for the following reasons:	
(b)(4)	

AMENDMENT OF SOLICITATION/MODIFICA	ATION OF CON	1. CONTRACT ID CODE		PAGE OF PAGES			
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DA	TE	4. REC	UUSITION/PURCHASE REQ. NO.	5. PR(1 4 DJECT NO. (If applicable)	
000536	See Block	16C	N/A				
6. ISSUED BY CODE	JSC	100	7. AD	MINISTERED BY (If other than Item 6)	CODE	JSC	
NASA/Johnson Space Center Attn: Helen Bell/BJ5 2101 NASA Parkway Houston TX 77058-3696		NASA/Johnson Space Center Helen B. Bell 2101 NASA Parkway Houston TX 77058-3696					
8. NAME AND ADDRESS OF CONTRACTOR (No., street	t. county. State and ZIP	Code)	, . I9A	. AMENDMENT OF SOLICITATION NO.			
PAE Applied Technologies LLC 6500 West Freeway Ste 600 Fort Worth TX 76116-2118		,	9B	. DATED (SEE ITEM 11) A. MODIFICATION OF CONTRACT/ORDER NIJ 0 8 J A 0 2 C	IO.		
			10	B. DATED (SEE ITEM 13)			
CODE 1JGQ2	FACILITY CODE		0	1/03/2008			
	11. THIS ITEM	ONLY APPLIES TO A	MEND	MENTS OF SOLICITATIONS			
separate letter or telegram which includes a reference THE PLACE DESIGNATED FOR THE RECEIPT OF 0 virtue of this amendment you desire to change an offereference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If regisee Schedule	e to the solicitation ar OFFERS PRIOR TO er already submitted is received prior to the uired)	nd amendment number THE HOUR AND DA's such change may be need to opening hour and the opening	ers. FA	ECIFIED MAY RESULT IN REJECTION OF YO by telegram or letter, provided each telegram or) BE REC DUR OFF or letter r	CEIVED AT ER If by makes	
CHECK ONE A. THIS CHANGE ORDER IS ISSUED FORDER NO. IN ITEM 10A.	PURSUANT TO: (Sp	ecify authority) THE	CHANG	GES SET FORTH IN ITEM 14 ARE MADE IN T	HE CON	ITRACT	
B. THE ABOVE NUMBERED CONTRA(appropriation date, etc.) SET FORTH	CT/ORDER IS MODI H IN ITEM 14, PURS	FIED TO REFLECT T UANT TO THE AUTH	THE AD HORITY	MINISTRATIVE CHANGES (such as changes OF FAR 43.103(b).	in paying	y office,	
C. THIS SUPPLEMENTAL AGREEMEN							
**		, F.4 Optic	on t	o Extend the Completion	Dat	e 	
D. OTHER (Specify type of modification	and authority)						
E. IMPORTANT: Contractor X is not.	□ in required to ai	gn this document and	1 roturn	copies to the issuin	a office		
E. IMPORTANT: Contractor							
As a result of the Award Ter 2/29/16, with a rating of in accordance with Clause H. J-C, "Award Fee/Award Term P Payment Terms: Net 30 days FOB: Destination Except as provided herein, all terms and conditions of the supplement of the supplemen	(b)(4) 10 entitle clan"; Cont	as well as d, "Award H ract Year 1	s me Fee/ 10 i	eting the cost-gate on Award Term"; as well as s awarded by Plan A.	the the	contract and section	
15A. NAME AND TITLE OF SIGNER (Type or print)			16A.	NAME AND TITLE OF CONTRACTING OFFI	CER (Ty)	pe or print)	
			Ane	eesah K. Vaughn			
15B. CONTRACTOR/OFFEROR	150	C. DATE SIGNED	16B.	UNITED STATES OF AMERICA		16C. DATE SIGNED	
(Signature of parent subhavired to signal				NNEECALLMALCLMB	N: c=US, o=U	ed by ANEESAH VAUGHN U.S. Government, ou=NASA, ou=People,	

For Contract Year 10, the following clauses are hereby incorporated in effect as well as the terms and conditions of the contract immediately prior to the award of this year and are implemented upon execution of this modification:

Year 10: 03/01/2017 - 02/28/2018

Clause B.3 is changed as follows:

FROM:

B.3 ESTIMATED COST, AWARD FEE, and FIXED-FEE (not including ID/IQ Annexes 4 and 5)

The estimated cost of Annexes 1, 2, 3, 6, and 7 is (b)(4)

The maximum available award fee is (b)(4)

The maximum available fixed-fee is (b)(4)

The total estimated cost, maximum award fee and maximum fixed-fee is \$324,790,282.

Reference: Base Period, Years 1 through Year 9.

TO:

B.3 ESTIMATED COST, AWARD FEE, and FIXED-FEE (not including ID/IQ Annexes 4 and 5)

The estimated cost of Annexes 1, 2, 3, 6, and 7 is (b)(4)

The maximum available award fee is (b)(4)

The maximum available fixed-fee is (b)(4)

The total estimated cost, maximum award fee and maximum fixed-fee is \$363,511,361.

Reference: <u>Base Period</u>, <u>Years 1 through Year 10</u>.

Clause B.8 is changed as follows:

FROM:

B.8 INDEFINITE DELIVERY/INDEFINITE QUANTITY (ID/IQ) (ANNEXES 4 and 5)

The following values are applied throughout the life of the contract and therefore represent the aggregate sum for the minimum and maximum values on a cumulative basis:

(a) The guaranteed minimum contract value of work that will be ordered under this contract per contract year is as follows:

Annex 4: Cost reimbursable Task Orders: \$200,000. Cumulatively: \$1,800,000 through Contract Year 9

<u>Annex 5</u>: Firm-fixed-price Delivery Orders: <u>\$200,000</u>. Cumulatively: \$1,800,000 through Contract Year 9.

(b) The maximum contract value of work that will be ordered under this contract per contract year is as follows:

Annex 4: Cost-reimbursable Task Orders: \$15,000,000. Year 1 increase is for Repairs of \$49,900,000 (modification 30). Year 2 decrease of \$20,000,000 (transferred to Annex 5 on modification 122). Additions of Year 3 \$15,000,000 plus year 4 \$15,000,000 (modification 133). Addition of Year 5 \$15,000,000 (modification 265). Addition of Year 6 \$15,000,000 (modification 339). Addition of Year 7 \$15,000,000 (Mod 383). Addition of Year 8 \$15,000,000 (Mod 445). Cumulatively: Addition of Year 9 \$15,000,000 (Mod 491). Cumulatively: \$164,900,000.

Annex 5: Firm-fixed-price Delivery Orders: \$15,000,000. Year 2 increase of \$550,000 (modification 113). Year 2 increase of \$20,000,000 (transferred from Annex 4 on modification 122). Additions of Year 3 \$15,000,000 plus year 4 \$15,000,000 (modification 133). Addition of Year 5 \$15,000,000 (modification 265). Addition of year 6 \$15,000,000 (modification 339). Addition of Year 7 \$15,000,000 (modification 383). Addition of Year 8 \$15,000,000 (modification 445). Addition of Year 9 \$15,000,000 (modification 491). Cumulatively: \$155,550,000 through Contract Year 9.

(c) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost, or fee.

(End of Clause)

TO:

B.8 INDEFINITE DELIVERY/INDEFINITE QUANTITY (ID/IQ) (ANNEXES 4 and 5)

The following values are applied throughout the life of the contract and therefore represent the aggregate sum for the minimum and maximum values on a cumulative basis:

(a) The guaranteed minimum contract value of work that will be ordered under this contract per contract year is as follows:

<u>Annex 4:</u> Cost reimbursable Task Orders: <u>\$200,000</u>. Cumulatively: \$2,000,000 through Contract Year 10.

<u>Annex 5</u>: Firm-fixed-price Delivery Orders: <u>\$200,000</u>. Cumulatively: \$2,000,000 through Contract Year 10.

(b) The maximum contract value of work that will be ordered under this contract per contract year is as follows:

<u>Annex 4:</u> Cost-reimbursable Task Orders: \$15,000,000. Year 1 increase is for Repairs of \$49,900,000 (modification 30). Year 2 decrease of \$20,000,000 (transferred to Annex 5 on modification 122). Additions of Year 3 \$15,000,000 plus year 4 \$15,000,000 (modification 133). Addition of Year 5 \$15,000,000 (modification 265). Addition of Year 6 \$15,000,000 (modification 339). Addition of Year 7 \$15,000,000 (Mod 383). Addition of Year 8 \$15,000,000 (Mod 445). Addition of Year 9 \$15,000,000 (Mod 491). Addition of Year 10 \$15,000,000 (Mod 536). Cumulatively: \$179,900,000.

Annex 5: Firm-fixed-price Delivery Orders: \$15,000,000. Year 2 increase of \$550,000 (modification 113). Year 2 increase of \$20,000,000 (transferred from Annex 4 on modification 122). Additions of Year 3 \$15,000,000 plus year 4 \$15,000,000 (modification 133). Addition of Year 5 \$15,000,000 (modification 265). Addition of year 6 \$15,000,000 (modification 339). Addition of Year 7 \$15,000,000 (modification 383). Addition of year 8 \$15,000,000 (modification 445). Addition of Year 9 \$15,000,000 (modification 491). Addition of Year 10 \$15,000,000 (modification 491). Cumulatively: \$170,550,000 through Contract Year 10.

(c) If the Government orders supplies or services in excess of the minimum but not up to the maximum, this circumstance shall not constitute the basis for an equitable adjustment to any contract price, estimated cost, or fee.

(End of Clause)

Clause F.2 is changed as follows:

FROM:

F.2 <u>COMPLETION OF WORK</u>

All work required under this Contract, including submission of all reports, shall be completed on or before February 28, 2017.

TO:

F.2 COMPLETION OF WORK

All work required under this Contract, including submission of all reports, shall be completed on or before <u>February 28, 2018</u>.

(End of clause)

Clause B-9 remains unmodified as the values for Contract Year 10 are already stipulated in the clause and therefore do not necessitate an update as a result of this contract action.

							OMB A	pproval 2700-00
AMEN	DMENT OF SOLICITATION/I	MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE		PAGE O	
2. AMENDMENT	MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.		5. PROJECT NO	1 D. (If applicable	6
	537	See Block 16C	4200586	6069				
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)		CO	DDE BJ5	
	don B. Johnson Space Center		Helen Bell, Contract	Specialist				
	I Procurement Office		PH: 281.483.8149 Email: helen.b.bell@	naca gav				
Houston, T	ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)	Email. neien.b.beile	I (4)	9A AM	ENDMENT OF SO	LICITATION N	10
	ied Technologies LLC	State and En . Gode)		(4)	7 (17 (17 (17 (17 (17 (17 (17 (17 (17 (1	ENDINERY OF CO	LIGHTATION	
	hen Brettel, Program Manager				9B. DA	TED (SEE ITEM 1	1)	
	st Fwy, Suite 600							
Fort Wort	h, TX 76116					OBJA02C	CONTRACT/C	ORDER NO.
				X	10B. D.	ATED (SEE ITEM	13)	
CODE 1JGQ2		FACILITY CODE			01/03	3/2008		
Пть	11. THIS IT		AMENDMENTS OF SOLIC	_		is not extended	-1	
	numbered solicitation is amended as set fortr nowledge receipt of this amendment prior to						u.	
separate letter DESIGNATED you desire to d	ng Items 8 and 15, and returning one (1) or telegram which includes a reference to the FOR THE RECEIPT OF OFFERS PRIOR hange an offer already submitted, such chair discrete the discrete of the opening hour and company to t	ne solicitation and amendmen FO THE HOUR AND DATA Stange may be made by telegonal solutions.	t numbers. FAILURE OF YOU PECIFIED MAY RESULT IN F	JR ACKNOWLE REJECTION OF	DGMEN YOUR C	T TO BE RECE OFFER. If by vir	IVED AT THE	HE PLACE mendment
	G AND APPROPRIATION DATA (If required)							
SEE SCHEI			Net Incre	* -	62,039			
	13. THIS ITEM APPLIE IT MODIFIES THE							
(4) A.	THIS CHANGE ORDER IS ISSUED PURSUA						RDER NO. IN	ITEM 10A.
	THE ABOVE NUMBERED CONTRACT/ORD FORTH IN ITEM 14, PURSUANT TO THE AUTHLS SUPPLEMENTAL AGREEMENT IS EN	THORITY OF FAR 43.103(b).		GES (such as cha	anges in p	paying office, appi	ropriation date	e, etc.)
C.	THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT TO	AUTHORITY OF:					
	OTHER: Specify type of modification and au 52.232-77 Limitation of Funds (Fi PR 1984)		ARCH 1989) 52.232-2	2 Limitation	of Fun	ds (Cost Rei	mbursabl	e)
	TANT: Contractor 🖂 is not, 🗌	is required to sign the	nis document and retu	urn co	pies to	the issuing	g office.	
14. DESCRIP	TION OF AMENDMENT/MODIFICATI	ON (Organized by UCF se	ection headings, including	solicitation/cor	ntract su	ıbject matter v	vhere feasi	ible.)
The purpo-	se of this modification:							
1	Incrementally Fund Annex Incrementally Fund Annex			(b)(4) l)				
2	. De-Obligate Funds from A Incrementally Fund Annex							
3	. Clause B.6 – CUMULATIV 4) is hereby modified and			MBURSAE	BLE T	ASK-ORD	ERS (A	NNEX

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
(Signature of person authorized to sign)			signed by Jason Phillips 16.04.28 09:42:39 -05'00'		

- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,110,099.91 by \$20,045.00 to \$55,130,144.91.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,110,099.91
Incrementally Fund : This Action:		(b)(4)		\$20,045.00 \$0.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,130,144.91

2. Contract Annex 5 funding is increased from \$127,493,796.25 by \$641,994.62 to \$128,135,790.87.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$127,493,796.25
Incrementally Fund: This Action: DeObligate from Annex 5:	\$647,427.32 (\$5,432.70)
Revised Cumulative Obligations:	\$128,135,790.87

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FO	OR CONTRACT YEAR	1 AND 2 Including	Exercised options	YEAR's 3 thru	8

(a) The estimated cost of Anne	x 4 is	(b)(4)	The maximur	m available	award fee is	(b)(4)	
The fixed-fee is (b)(4)	The to	otal estimated co	st, maximum	award fee,	and fixed-fee	e are \$55,1	30,144.91

This allotment covers Task Orders 1 through 15ER1-17, from March 1, 2008 through November 1, 2016.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,130,144.91.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(a) The maximum available fixed fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is (h)(4) Ar additional amount of (h)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 2949-2 is \$128,135,790.88.

This allotment covers Delivery Orders 1 through 2949-2 from March 1, 2008 through December 10, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-7-</u>

Act, 1011-8-Recovery Act, 1011-9-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 4-20-16	\$1,012.50	\$0.00	\$1,012.50
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016	\$458,452.23	\$0.00	\$458,452.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016	\$807,969.76	-\$75,000.00	\$732,969.76
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016	\$201,218.40	-\$75,000.00	\$126,218.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016	\$50,500.08	\$4,288.00	\$54,788.08
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016	\$1,463.60		\$1,463.60
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016	\$257,301.00	\$220,018.00	\$477,319.00

		i				Page
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016	\$18,349.27	\$2,076.70	\$20,425.97
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-8 / 04/28/2016 CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016	\$6,762.89	\$4,000.00	\$10,762.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016	\$37,600.11	\$750.00	\$38,350.11
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016	\$11,143.88	\$0.00	\$11,143.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016	\$168,789.00	\$0.00	\$168,789.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$463,384.30	\$0.00	\$463,384.30
FY16 NA1 DO DDN Acct	11/02/15	09/30/16	00 0/0 1/20/2010	\$696.23	7.5.5.5	\$696.23
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016	\$78,665.00	\$0.00	\$78,665.00
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016	\$47,056.53	\$0.00	\$47,056.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$76,856.28	\$49,353.62	\$126,209.90
		·	1	1		

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FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$130,486.32	

							OMB	Approval 2700-00
				1. CONTRACT	D CODE		1	F PAGES
AMEN	DMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT				1	6
2. AMENDMENT	/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	REQ. NO.		5. PROJECT NO		
	538	See Block 16C	4200588	8263				
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If other	*		CC	DDE BJ5	
	don B. Johnson Space Center Il Procurement Office		Helen Bell, Contract PH: 281.483.8149	Specialist				
Houston, T			Email: helen.b.bell@	nasa gov				
<u> </u>	ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)	2	(4)	9A. AME	ENDMENT OF SO	LICITATION I	NO.
PAE Appl	ied Technologies LLC				†			
	hen Brettel, Program Manager				9B. DA	TED (SEE ITEM 1	1)	
	st Fwy, Suite 600							
Fort Wort	h, TX 76116					DDIFICATION OF D8JA02C	CONTRACT/	ORDER NO.
				X	10B. D/	ATED (SEE ITEM	13)	
CODE 1JGQ2		FACILITY CODE			01/03	3/2008		
The shove r	11. THIS I numbered solicitation is amended as set forth		AMENDMENTS OF SOLIC		a \Box	is not extende	d	
	numbered solicitation is amended as set forth knowledge receipt of this amendment prior to						u.	
(a) By completi separate letter	ing Items 8 and 15, and returning one (1) or telegram which includes a reference to the	copy of the amendment; (b) lees solicitation and amendmen	By acknowledging receipt of t numbers. FAILURE OF YO	his amendment	on each	copy of the off T TO BE RECE	IVED AT T	HE PLACE
you desire to d	FOR THE RECEIPT OF OFFERS PRIOR and the such change an offer already submitted, such change is received prior to the opening hour and contains the such as the suc	nange may be made by teleg						
	G AND APPROPRIATION DATA (If required)		Nathan		FO 00F	.00		
SEE SCHEI			Net Incre	*	52,225			
	13. THIS ITEM APPLIE IT MODIFIES THE		FICATIONS OF CO ER NO. AS DESCF					
(4) A.	THIS CHANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) TH	HE CHANGES SET FORTH IN IT	TEM 14 ARE MAD	E IN THE	CONTRACT/OF	RDER NO. IN	I ITEM 10A.
B.	THE ABOVE NUMBERED CONTRACT/ORD FORTH IN ITEM 14, PURSUANT TO THE AU		THE ADMINISTRATIVE CHAN	GES (such as cha	nges in p	aying office, app	ropriation dat	e, etc.)
C.	THIS SUPPLEMENTAL AGREEMENT IS EN		AUTHORITY OF:					
X D.	OTHER: Specify type of modification and au 52.232-77 Limitation of Funds (Fi		ARCH 1989) 52 232-2	2 Limitation	of Fun	ds (Cost Rei	imbursabi	le)
	PR 1984)							
E. IMPOR	TANT: Contractor $igstyle{igstyle{\square}}$ is not, $igstyle{igstyle{\square}}$	is required to sign th	nis document and retu	urn co	pies to	the issuin	g office.	
14. DESCRIP	TION OF AMENDMENT/MODIFICATI	ON (Organized by UCF se	ection headings, including	solicitation/cor	ntract su	ıbject matter v	where feas	ible.)
The purpos	se of this modification:		_					
1	. Incrementally Fund Anne. Incrementally Fund Anne.			(b)(4) .)				
2	. De-Obligate Funds from A Incrementally Fund Annex).		
3	. Redistributing Funds from	m Annex 5 Firm Fix	ed Price to Annex 4	4 Estimate	d Cos	t in the an	nount of	r
4	. Clause B.6 – CUMULATIV 4) is hereby modified and			MBURSAE	BLE T	ASK-ORD	ERS (A	NNEX

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Jason C. Phillips, Contracting Officer			
		, ,			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA		16C. DATE SIGNED	
		Jason Phillips	0,9.2342.19200300.100.1.1=	nt, ou=NASA, ou=PIV, cn=Jason Phillips, jcphill4	
(Signature of person authorized to sign)		(Signature of Contracting Officer	Date: 2016.05.16 11:00:27 -	15'00'	

- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,130,144.91 by \$7,356.90 to \$55,137,501.81.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,130,144.91
Incrementally Fund : This Action: Redistribute from Annex 5 to Annex 4:		(b)(4)		\$7,101.50 \$255.40 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,137,501.81

2. Contract Annex 5 funding is increased from \$128,135,790.87 by \$144,868.10 to \$128,280,658.97.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$128,135,790.87
Incrementally Fund: This Action: DeObligate from Annex 5: Redistribute to Annex 4 from Annex 5:	\$220,123.50 (\$75,000.00) (\$255.40)
Revised Cumulative Obligations:	\$128,280,658.97

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FOR (CONTRACT YEAR	1 AND 2 Including	Exercised options	YEAR's 3 thru 9
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(a) The estimated cost of Ann	nex 4 is (b)(4)	The maximum available award fee	e is (b)(4)
The fixed-fee is (b)(4)	The total estimated of	cost, maximum award fee, and fixed	-fee are \$55,137,501.81 .

This allotment covers Task Orders 1 through 16EP1-6, from March 1, 2008 through November 1, 2016.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,137,501.81.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (5)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 2942-1 is \$128,280,658.97.

This allotment covers Delivery Orders 1 through 2942-1 from March 1, 2008 through December 10, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-7-Re</u>

Act, 1011-8-Recovery Act, 1011-9-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End of Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 4-20-15	\$1,012.50	\$0.00	\$1,012.50
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016	\$458,452.23	-\$1,783.00	\$456,669.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 C/O-8 / 05/16/2016	\$732,969.76	\$2,911.64	\$735,881.40
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$126,218.40	\$23,190.00	\$149,408.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016	\$54,788.08	\$23,923.85	\$78,711.93
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016	\$1,463.60	\$4,731.00	\$6,194.60

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FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016	\$477,319.00	\$24.57	\$477,343.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 C/O-9 / 05/16/2016	\$20,425.97	-\$255.40	\$20,170.57
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016	\$10,762.89		\$10,762.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$38,350.11	\$3,169.50	\$41,519.61
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016	\$11,143.88	\$33,181.00	\$44,324.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016	\$168,789.00	\$0.00	\$168,789.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$463,384.30	\$0.00	\$463,384.30
FY16 NA1 DO DDN Acct	11/02/15	09/30/16		\$696.23		\$696.23
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016	\$78,665.00	\$18,799.00	\$97,464.00
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016	\$47,056.53	\$1,633.00	\$48,689.53

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FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XII DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$109,525.16	

2. AMENDMENT/MODIFICATION NO. 539 3. EFFECTIVE DATE See Block 16C 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) 6. ISSUED BY NASA Lyndon B. Johnson Space Center Institutional Procurement Office 7. ADMINISTERED BY (If other than Item 6) Helen B. Bell, Contract Specialist PH: 281.483.8149	28
See Block 16C 6. ISSUED BY CODE BJ 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Institutional Procurement Office PH: 281.483.8149	
6. ISSUED BY CODE BJ 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Institutional Procurement Office PH: 281.483.8149	
NASA Lyndon B. Johnson Space Center Helen B. Bell, Contract Specialist PH: 281.483.8149	
NASA Lyndon B. Johnson Space Center Helen B. Bell, Contract Specialist PH: 281.483.8149	
Institutional Procurement Office PH: 281.483.8149	
Houston, TX 77058 Email: helen.b.bell@nasa.gov	
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) (4) 9A. AMENDMENT OF SOLICITATION NO.	
PAE Applied Technologies LLC	
Attn: David W. Popham, Program Manager 9B. DATED (SEE ITEM 11)	
6500 West Fwy, Suite 600	FR NO
Fort Worth, TX 76116 X 10A. MODIFICATION OF CONTRACT/ORD NNJ08JA02C	
CODE 1JGQ2 FACILITY CODE 10B. DATED (SEE ITEM 13) 01/03/2008	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS	
The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended.	
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:	
(a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or	
separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE IDESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amer	
you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation a amendment, and is received prior to the opening hour and data specified.	
12. ACCOUNTING AND APPROPRIATION DATA (If required)	
SEE SCHEDULE Net increase:	
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS,	
IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.	
(4) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITE	M 10A.
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, et SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).	tc.)
X C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: 52.222-43 Fair Labor Standards Act and Service Contract Act- Price Adjustment (Multiple Year and Option Contracts)(Nov 2006)	
D. OTHER: Specify type of modification and authority)	
E. IMPORTANT: Contractor ⊠is not, ☐ is required to sign this document and return copies to the issuing office.	
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible	.)
Effective March 1, 2016, Revise Section J, Attachment E entitled "WAGE DETERMINATION SERVICE CONTRACT" as follows:	
1. Wage Determination, WD 2005-2516, Rev. 18 is replaced in its entirety by WD 2005-2516, Rev.19.	
2. Davis Bacon Wage Determination TX150303 is replaced in its entirety by Davis Bacon Wage Determination TX160303.	
3. CBA-2006-493, Rev. 7 will be extended through 2/28/2017 (Contract year 9 period of performance 3/1/2016 – 2/28/2017).	
4. CBA-2006-494, Rev. 5 will be extended through 2/28/17 (Contract year 9 period of performance 3/1/2016 – 2/28/2017).	
5. CBA-2006-495, Rev. 8 is replaced in its entirety by CBA-2006-495, Rev. 9.	
6. CBA-2006-496, Rev. 3 will be extended through 2/28/17 (Contract year 9 period of performance 3/1/2016 – 2/28/2017).	
The same Property of the Indicator of the Secretary and Indicator of the Property of the Community	
This modification is administrative in nature and results in no additional cost to the Government.	
See attachments	
Except at provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.	
15A. NAME AND TITLE OF SIGNER (Type or print) 16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)	
Jason C. Phillips, Contracting Officer	
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 16B. AMEF Digitally signed by Jason Ph Date: 2016.05.19 15:22:01 -0	

WD 05-2516 (Rev.-19) was first posted on www.wdol.gov on 07/14/2015

REGISTER OF WAGE DETERMINATIONS UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary of Labor

U.S. DEPARTMENT OF LABOR
EMPLOYMENT STANDARDS ADMINISTRATION
WAGE AND HOUR DIVISION
WASHINGTON D.C. 20210

Wage Determination No.: 2005-2516

Revision No.: 19

Date Of Revision: 07/08/2015

Daniel W. Simms Division of Director Wage Determinations

Note: Executive Order (EO) 13658 establishes an hourly minimum wage of \$10.10 for 2015 that applies to all contracts subject to the Service Contract Act for which the solicitation is issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.10 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

State: Texas

Area: Texas Counties of Austin, Brazoria, Chambers, Colorado, Fort Bend, Galveston, Grimes, Harris, Houston, Jackson, Lavaca, Liberty, Madison, Matagorda, Montgomery, San Jacinto, Trinity, Walker, Waller, Washington, Wharton

Fringe Benefits Required Follow the Occupational Listing	
OCCUPATION CODE - TITLE FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations	
01011 - Accounting Clerk I	14.98
01012 - Accounting Clerk II	16.82
01013 - Accounting Clerk III	18.82
01020 - Administrative Assistant	25.91
01040 - Court Reporter	21.79
01051 - Data Entry Operator I	13.24
01052 - Data Entry Operator II	14.45
01060 - Dispatcher, Motor Vehicle	15.96
01070 - Document Preparation Clerk	13.41
01090 - Duplicating Machine Operator	13.41
01111 - General Clerk I	11.88
01112 - General Clerk II	13.27
01113 - General Clerk III	14.90
01120 - Housing Referral Assistant	20.69
01141 - Messenger Courier	12.55
01191 - Order Clerk I	13.52
01192 - Order Clerk II	15.24
01261 - Personnel Assistant (Employment) I	15.43
01262 - Personnel Assistant (Employment) II	17.27
01263 - Personnel Assistant (Employment) III	19.25
01270 - Production Control Clerk	19.10
01280 - Receptionist	12.02
01290 - Rental Clerk	14.75
01300 - Scheduler, Maintenance	16.59
01311 - Secretary I	16.59

01312 - Secretary II	18.57
01313 - Secretary III	20.69
01320 - Service Order Dispatcher	15.16
01410 - Supply Technician	25.91
01420 - Survey Worker	17.79
01531 - Travel Clerk I	13.71
01532 - Travel Clerk II 01533 - Travel Clerk III	14.81 15.83
01611 - Word Processor I	14.29
01612 - Word Processor II	16.04
01613 - Word Processor III	17.95
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	25.76
05010 - Automotive Electrician	23.79
05040 - Automotive Glass Installer	21.96
05070 - Automotive Worker	21.96
05110 - Mobile Equipment Servicer 05130 - Motor Equipment Metal Mechanic	20.23 25.76
05160 - Motor Equipment Metal Worker	21.96
05190 - Motor Vehicle Mechanic	25.76
05220 - Motor Vehicle Mechanic Helper	19.40
05250 - Motor Vehicle Upholstery Worker	20.83
05280 - Motor Vehicle Wrecker	21.96
05310 - Painter, Automotive	23.79
05340 - Radiator Repair Specialist	22.88
05370 - Tire Repairer	14.40
05400 - Transmission Repair Specialist 07000 - Food Preparation And Service Occupations	25.76
07010 - Baker	10.06
07041 - Cook I	9.52
07042 - Cook II	10.88
07070 - Dishwasher	8.11
07130 - Food Service Worker	9.12
07210 - Meat Cutter	12.91
07260 - Waiter/Waitress	8.19
09000 - Furniture Maintenance And Repair Occupations	10 22
09010 - Electrostatic Spray Painter 09040 - Furniture Handler	18.32 11.95
09080 - Furniture Refinisher	17.70
09090 - Furniture Refinisher Helper	14.58
09110 - Furniture Repairer, Minor	16.82
09130 - Upholsterer	18.32
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	9.90
11060 - Elevator Operator	8.82
11090 - Gardener	14.52
11122 - Housekeeping Aide 11150 - Janitor	8.84 8.84
11210 - Janitor 11210 - Laborer, Grounds Maintenance	10.93
11240 - Maid or Houseman	7.96
11260 - Pruner	9.25
11270 - Tractor Operator	12.82
11330 - Trail Maintenance Worker	10.93
11360 - Window Cleaner	9.81
12000 - Health Occupations	45.00
12010 - Ambulance Driver	15.00
12011 - Breath Alcohol Technician 12012 - Certified Occupational Therapist Assistant	15.64 23.69
12012 - Certified Occupational Therapist Assistant 12015 - Certified Physical Therapist Assistant	24.52
12020 - Dental Assistant	15.64
12025 - Dental Hygienist	32.93
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	- EKG Technician		25.92
	- Electroneurodiagnostic Technologist		25.92
	- Emergency Medical Technician		15.00
	- Licensed Practical Nurse I - Licensed Practical Nurse II		19.05 21.32
	- Licensed Practical Nurse III		23.76
	- Medical Assistant		12.50
	- Medical Laboratory Technician		16.63
	- Medical Record Clerk		14.53
	Medical Record TechnicianMedical Transcriptionist		16.57 16.81
	- Nuclear Medicine Technologist		35.13
	- Nursing Assistant I		8.57
	- Nursing Assistant II		10.36
	- Nursing Assistant III		11.31
	- Nursing Assistant IV		12.69
	- Optical Dispenser - Optical Technician		16.79 15.29
	- Pharmacy Technician		19.18
	- Phlebotomist		13.30
12305	- Radiologic Technologist		26.70
	- Registered Nurse I		30.36
	- Registered Nurse II		38.37
	Registered Nurse II, SpecialistRegistered Nurse III		38.37 44.91
	- Registered Nurse III, Anesthetist		44.91
	- Registered Nurse IV		53.84
	- Scheduler (Drug and Alcohol Testing)		21.85
	Information And Arts Occupations		
	- Exhibits Specialist I		19.30
	Exhibits Specialist IIExhibits Specialist III		24.74 28.94
	- Illustrator I		19.30
	- Illustrator II		23.91
	- Illustrator III		30.12
	- Librarian		26.69
	- Library Aide/Clerk		10.84
	- Library Information Technology Systems istrator		24.09
	- Library Technician		16.04
	- Media Specialist I		17.39
	- Media Specialist II		19.46
	- Media Specialist III		21.68
	- Photographer I		15.32
	Photographer IIPhotographer III		18.15 22.56
	- Photographer IV		27.49
	- Photographer V		33.07
	- Video Teleconference Technician		16.73
	Information Technology Occupations		
	- Computer Operator I		17.31
	- Computer Operator II - Computer Operator III		19.37 21.59
	- Computer Operator III - Computer Operator IV		24.00
	- Computer Operator V		26.57
	- Computer Programmer I	(see 1)	26.04
14072	- Computer Programmer II	(see 1)	
	- Computer Programmer III	(see 1)	
	- Computer Programmer IV	(see 1)	
	- Computer Systems Analyst I - Computer Systems Analyst II	(see 1) (see 1)	
T+T07	Computer Systems Analyst II	(366 1)	

	_		
	- Computer Systems Analyst III	(see 1)	17 21
	- Peripheral Equipment Operator		17.31
	- Personal Computer Support Technician		24.00
	<pre>Instructional Occupations - Aircrew Training Devices Instructor (Non-Rated)</pre>		33.08
	- Aircrew Training Devices Instructor (Non-Rateu)		40.02
	- Air Crew Training Devices Instructor (Pilot)		47.98
	- Computer Based Training Specialist / Instructor		33.08
	- Educational Technologist		29.23
	- Flight Instructor (Pilot)		47.98
	- Graphic Artist		26.72
	- Technical Instructor		22.43
	- Technical Instructor/Course Developer		27.43
	- Test Proctor - Tutor		18.43 18.43
	Laundry, Dry-Cleaning, Pressing And Related Occup	ations	10.43
	- Assembler	74 (10113	9.40
	- Counter Attendant		9.40
16040	- Dry Cleaner		12.06
16070	- Finisher, Flatwork, Machine		9.40
	- Presser, Hand		9.40
	- Presser, Machine, Drycleaning		9.40
	- Presser, Machine, Shirts		9.40
	Presser, Machine, Wearing Apparel, LaundrySewing Machine Operator		9.40 12.79
	- Tailor		13.75
	- Washer, Machine		10.32
	Machine Tool Operation And Repair Occupations		
	- Machine-Tool Operator (Tool Room)		19.71
	- Tool And Die Maker		23.23
	Materials Handling And Packing Occupations		
	- Forklift Operator		13.25
	- Material Coordinator		19.46
	Material ExpediterMaterial Handling Laborer		19.46 12.26
	- Order Filler		11.47
	- Production Line Worker (Food Processing)		13.25
	- Shipping Packer		14.60
	- Shipping/Receiving Clerk		14.60
21140	- Store Worker I		11.34
	- Stock Clerk		16.06
	- Tools And Parts Attendant		13.58
	- Warehouse Specialist		13.25
	Mechanics And Maintenance And Repair Occupations - Aerospace Structural Welder		29.47
	- Aircraft Mechanic I		28.07
	- Aircraft Mechanic II		29.47
	- Aircraft Mechanic III		30.94
23040	- Aircraft Mechanic Helper		21.98
	- Aircraft, Painter		25.61
	- Aircraft Servicer		24.44
	- Aircraft Worker		25.76
	- Appliance Mechanic		18.61
	- Bicycle Repairer - Cable Splicer		13.91 25.34
	- Carpenter, Maintenance		19.71
	- Carpet Layer		18.45
	- Electrician, Maintenance		26.51
	- Electronics Technician Maintenance I		21.28
	- Electronics Technician Maintenance II		23.89
23183	- Electronics Technician Maintenance III		25.10

23260 - Fabric Worker	17.17
23290 - Fire Alarm System Mechanic	19.95
23310 - Fire Extinguisher Repairer	15.88
23311 - Fuel Distribution System Mechanic	20.96
23312 - Fuel Distribution System Operator	16.33
23370 - General Maintenance Worker	18.08
23380 - Ground Support Equipment Mechanic	28.07
23381 - Ground Support Equipment Servicer	24.44
23382 - Ground Support Equipment Worker	25.76
23391 - Gunsmith I	15.88
23392 - Gunsmith II	18.45
23393 - Gunsmith III	20.81
23410 - Heating, Ventilation And Air-Conditioning	21.04
Mechanic	
23411 - Heating, Ventilation And Air Contditioning	21.95
Mechanic (Research Facility)	
23430 - Heavy Equipment Mechanic	19.79
23440 - Heavy Equipment Operator	19.26
23460 - Instrument Mechanic	25.87
23465 - Laboratory/Shelter Mechanic	19.71
23470 - Laborer	11.04
23510 - Locksmith	18.99
23530 - Machinery Maintenance Mechanic	24.33
23550 - Machinist, Maintenance	20.81
23580 - Maintenance Trades Helper	14.94
23591 - Metrology Technician I	25.87
23592 - Metrology Technician II	26.99
23593 - Metrology Technician III	28.14
23640 - Millwright	21.53
23710 - Office Appliance Repairer	18.99
23760 - Painter, Maintenance	18.99
23790 - Pipefitter, Maintenance	21.38
23810 - Plumber, Maintenance	20.88
23820 - Pneudraulic Systems Mechanic	20.81
23850 - Rigger	20.81
23870 - Scale Mechanic	18.45
23890 - Sheet-Metal Worker, Maintenance	19.95
23910 - Small Engine Mechanic	18.08
23931 - Telecommunications Mechanic I	23.89
23932 - Telecommunications Mechanic II	24.95
23950 - Telephone Lineman	25.52
23960 - Welder, Combination, Maintenance	20.27
23965 - Well Driller	20.81
23970 - Woodcraft Worker	20.81
23980 - Woodworker	15.04
24000 - Personal Needs Occupations	
24570 - Child Care Attendant	10.65
24580 - Child Care Center Clerk	13.27
24610 - Chore Aide	7.35
24620 - Family Readiness And Support Services	13.83
Coordinator	
24630 - Homemaker	16.84
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	22.20
25040 - Sewage Plant Operator	18.70
25070 - Stationary Engineer	22.20
25190 - Ventilation Equipment Tender	14.58
25210 - Water Treatment Plant Operator	18.32
27000 - Protective Service Occupations	
27004 - Alarm Monitor	16.14
27007 - Baggage Inspector	11.56

27008 - Corrections Officer 27010 - Court Security Officer 27030 - Detection Dog Handler 27040 - Detention Officer		19.62 21.18 17.90 19.62
27070 - Firefighter 27101 - Guard I 27102 - Guard II 27131 - Police Officer I 27132 - Police Officer II 28000 - Recreation Occupations		20.41 11.56 17.90 24.19 26.88
28041 - Carnival Equipment Operator 28042 - Carnival Equipment Repairer 28043 - Carnival Equipment Worker 28210 - Gate Attendant/Gate Tender 28310 - Lifeguard 28350 - Park Attendant (Aide) 28510 - Recreation Aide/Health Facility Attendant 28515 - Recreation Specialist 28630 - Sports Official 28690 - Swimming Pool Operator 29000 - Stevedoring/Longshoremen Occupational Services		11.63 12.36 8.51 13.90 12.38 15.55 11.35 17.83 12.38 17.44
29010 - Blocker And Bracer 29020 - Hatch Tender 29030 - Line Handler 29041 - Stevedore I 29042 - Stevedore II 30000 - Technical Occupations		20.12 20.12 20.12 18.72 21.50
30000 - Technical Occupations 30010 - Air Traffic Control Specialist, Center (HFO) 30011 - Air Traffic Control Specialist, Station (HFO) 30012 - Air Traffic Control Specialist, Terminal (HFO) 30021 - Archeological Technician I 30022 - Archeological Technician II 30030 - Cartographic Technician III 30030 - Cartographic Technician 30040 - Civil Engineering Technician 30041 - Drafter/CAD Operator I 30062 - Drafter/CAD Operator II 30063 - Drafter/CAD Operator III 30064 - Drafter/CAD Operator IV 30081 - Engineering Technician I 30082 - Engineering Technician II 30083 - Engineering Technician IV 30084 - Engineering Technician IV 30085 - Engineering Technician V 30086 - Engineering Technician V 30090 - Environmental Technician 30210 - Laboratory Technician 30240 - Mathematical Technician 30361 - Paralegal/Legal Assistant II 30362 - Paralegal/Legal Assistant III 30363 - Paralegal/Legal Assistant IV 30390 - Photo-Optics Technician 30461 - Technical Writer I 30462 - Technical Writer II	(see 2)	40.33 27.81 30.63 21.56 25.47 30.62 30.62 30.03 21.56 24.71 27.56 33.10 20.02 22.48 25.15 31.09 38.65 46.10 29.96 23.56 30.62 22.52 27.90 34.12 41.27 30.62 23.21 28.38
30463 - Technical Writer III 30491 - Unexploded Ordnance (UXO) Technician I 30492 - Unexploded Ordnance (UXO) Technician II 30493 - Unexploded Ordnance (UXO) Technician III 30494 - Unexploded (UXO) Safety Escort 30495 - Unexploded (UXO) Sweep Personnel		34.93 25.63 31.01 37.17 25.63 25.63

30620 - Weather Observer, Combined Upper Air Or Surface Programs	(see 2)	26.35
30621 - Weather Observer, Senior 31000 - Transportation/Mobile Equipment Operation O	(see 2)	30.48
31020 - Bus Aide	occupacions	11.88
31030 - Bus Driver		17.06
31043 - Driver Courier		14.03
31260 - Parking and Lot Attendant		9.17
31290 - Shuttle Bus Driver		15.28
31310 - Taxi Driver		11.54
31361 - Truckdriver, Light		15.28
31362 - Truckdriver, Medium		18.98
31363 - Truckdriver, Heavy		20.32
31364 - Truckdriver, Tractor-Trailer		20.32
99000 - Miscellaneous Occupations		20.32
99030 - Cashier		10.01
99050 - Desk Clerk		11.72
99095 - Embalmer		23.71
99251 - Laboratory Animal Caretaker I		9.83
99252 - Laboratory Animal Caretaker II		10.71
99310 - Mortician		26.44
99410 - Pest Controller		15.80
99510 - Photofinishing Worker		12.62
99710 - Recycling Laborer		16.46
99711 - Recycling Specialist		20.06
99730 - Refuse Collector		14.67
99810 - Sales Clerk		12.66
99820 - School Crossing Guard		10.96
99830 - Survey Party Chief		20.96
99831 - Surveying Aide		14.35
99832 - Surveying Technician		18.13
99840 - Vending Machine Attendant		12.00
99841 - Vending Machine Repairer		14.41
99842 - Vending Machine Repairer Helper		12.31

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: Life, accident, and health insurance plans, sick leave, pension plans, civic and personal leave, severance pay, and savings and thrift plans. Minimum employer contributions costing an average of \$4.27 per hour computed on the basis of all hours worked by service employees employed on the contract.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor; 3 weeks after 5 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (Reg. 29 CFR 4.173)

HOLIDAYS: A minimum of ten paid holidays per year, New Year's Day, Martin Luther King Jr's Birthday, Washington's Birthday, Memorial Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: Under the SCA at section 8(b), this wage determination does not apply to any employee who individually qualifies as a bona fide executive, administrative, or professional employee as defined in 29 C.F.R. Part 541. Because most Computer System Analysts and Computer Programmers who are compensated at a rate not less than \$27.63 (or on a salary or fee basis at a rate not less than \$455 per week) an hour would likely qualify as exempt computer professionals, (29 C.F.R. 541. 400) wage rates may not be listed on this wage determination for all occupations within those job families. In addition, because this wage determination may not list a wage rate for some or all occupations within those job families if the survey data indicates that the prevailing wage rate for the occupation equals or exceeds \$27.63 per hour conformances may be necessary for certain nonexempt employees. example, if an individual employee is nonexempt but nevertheless performs duties within the scope of one of the Computer Systems Analyst or Computer Programmer occupations for which this wage determination does not specify an SCA wage rate, then the wage rate for that employee must be conformed in accordance with the conformance procedures described in the conformance note included on this wage determination.

Additionally, because job titles vary widely and change quickly in the computer industry, job titles are not determinative of the application of the computer professional exemption. Therefore, the exemption applies only to computer employees who satisfy the compensation requirements and whose primary duty consists of:

- (1) The application of systems analysis techniques and procedures, including consulting with users, to determine hardware, software or system functional specifications;
- (2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;
- (3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or
- (4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).
- 2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

HAZARDOUS PAY DIFFERENTIAL: An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordinance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder. All dry-house activities involving propellants or explosives.

Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving regrading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordance, explosive, and

are only applicable to work that has been specifically designated by the agency for ordance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition, April 2006, unless otherwise indicated. Copies of the Directory are available on the Internet. A links to the Directory may be found on the WHD home page at http://www.dol.gov/esa/whd/ or through the Wage Determinations On-Line (WDOL) Web site at http://wdol.gov/.

REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE {Standard Form 1444 (SF 1444)}

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination. Such conformed classes of employees shall be paid the monetary wages and furnished the fringe benefits as are determined. Such conforming process shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees. The conformed classification, wage rate, and/or fringe benefits shall be retroactive to the commencement date of the contract. {See Section 4.6 (C)(vi)} When multiple wage determinations are included in a contract, a separate SF 1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order

proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.

- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the Wage and Hour Division, Employment Standards Administration, U.S. Department of Labor, for review. (See section 4.6(b)(2) of Regulations 29 CFR Part 4).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process the request.
- 5) The contracting officer transmits the Wage and Hour decision to the contractor.
- 6) The contractor informs the affected employees.

Information required by the Regulations must be submitted on SF 1444 or bond paper.

When preparing a conformance request, the "Service Contract Act Directory of Occupations" (the Directory) should be used to compare job definitions to insure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination.

General Decision Number: TX160303 04/01/2016 TX303

Superseded General Decision Number: TX20150303

State: Texas

Construction Type: Building

County: Harris County in Texas.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Note: Under Executive Order (EO) 13658, an hourly minimum wage of \$10.15 for calendar year 2016 applies to all contracts subject to the Davis-Bacon Act for which the solicitation was issued on or after January 1, 2015. If this contract is covered by the EO, the contractor must pay all workers in any classification listed on this wage determination at least \$10.15 (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in calendar year 2016. The EO minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

Modification	Number	Publication	Date
0		01/08/2016	
1		01/15/2016	
2		03/18/2016	
3		04/01/2016	

* ASBE0022-009 12/01/2015		
	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR (Duct, Pipe and Mechanical System Insulation)	\$ 22.78	11.90
BOIL0074-003 01/01/2014		
	Rates	Fringes
BOILERMAKER	\$ 23.14	21.55
CARP0551-008 04/01/2015		
	Rates	Fringes
CARPENTER (Excludes Acoustical Ceiling Installation, Drywall Hanging, Form Work and Metal Stud Installation)	\$ 22.50	8.33
* ELEC0716-005 08/31/2015		
	Rates	Fringes

ELECTRICIAN (Excludes Low Voltage Wiring and Installation of Alarms).....\$ 30.25

http://www.wdol.gov/wdol/scafiles/std/05-2516.txt?v=19

9.08

ELEV0031-003 01/01/2016		
	Rates	Fringes
ELEVATOR MECHANIC	\$ 39.24	29.985+a
FOOTNOTES: A. 6% under 5 yea for all hours worked. 8% ov hourly rate for all hours wo	er 5 years bas	gular hourly rate ed on regular
New Year's Day; Memorial Day Thanksgiving Day; Friday aft Day; and Veterans Day.		
ENGI0450-002 04/01/2014		
	Rates	Fringes
POWER EQUIPMENT OPERATOR Cranes	\$ 34.85	9.85
IRON0084-001 06/01/2015		
	Rates	Fringes
IRONWORKER, STRUCTURAL	\$ 23.02	6.35
IRON0084-012 06/01/2015		
	Rates	Fringes
GLAZIERIRONWORKER, ORNAMENTAL		6.35 6.35
* PLAS0079-004 01/01/2015		
	Rates	Fringes
PLASTERER	\$ 19.92	1.00
PLUM0068-012 10/01/2015		
	Rates	Fringes
PLUMBER (Excludes HVAC Pipe Installation)		9.49
PLUM0211-010 10/01/2015		
	Rates	Fringes
PIPEFITTER (Including HVAC Pipe Installation)	\$ 31.73	10.31
SFTX0669-002 01/01/2016		
	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers)		22.52
SHEE0054-006 07/01/2014		
	Rates	Fringes

SHEET METAL WORKER Excludes HVAC Unit	
Installation\$ 25.67 HVAC Duct Installation Only.\$ 25.67	
SUTX2014-029 07/21/2014	
Rates	Fringes
ACOUSTICAL CEILING MECHANIC\$ 17.2	3.98
BRICKLAYER\$ 18.8	7 0.00
CAULKER\$ 15.36	0.00
CEMENT MASON/CONCRETE FINISHER\$ 13.93	0.00
DRYWALL FINISHER/TAPER \$ 16.27	3.66
DRYWALL HANGER AND METAL STUD INSTALLER\$ 17.44	3.93
ELECTRICIAN (Alarm Installation Only)\$ 17.9	7 3.37
ELECTRICIAN (Low Voltage Wiring Only)\$ 18.00	1.68
FLOOR LAYER: Carpet\$ 20.00	0.00
FORM WORKER \$ 12.7	7 0.00
INSULATOR - BATT\$ 14.87	0.73
IRONWORKER, REINFORCING\$ 12.14	0.00
LABORER: Common or General\$ 11.76	0.00
LABORER: Mason Tender - Brick\$ 13.47	7 0.00
LABORER: Mason Tender - Cement/Concrete\$ 10.48	3 0.00
LABORER: Pipelayer\$ 12.94	0.00
LABORER: Roof Tearoff \$ 11.28	0.00
LABORER: Landscape and Irrigation\$ 9.52	2 0.00
LATHER\$ 19.73	0.00
OPERATOR: Backhoe/Excavator/Trackhoe\$ 13.94	0.00
OPERATOR: Bobcat/Skid Steer/Skid Loader\$ 13.93	0.00
OPERATOR: Bulldozer\$ 22.75	0.00
OPERATOR: Drill\$ 16.22	0.34
OPERATOR: Forklift\$ 16.00	0.00
OPERATOR: Grader/Blade\$ 13.3° http://www.wdol.gov/wdol/scafiles/std/05-2516.txt?v=19	7 0.00

OPERATOR:	Loader\$ 13.55	0.94
OPERATOR:	Mechanic\$ 17.52	3.33
OPERATOR: Aggregate,	Paver (Asphalt, and Concrete)\$ 16.03	0.00
OPERATOR:	Roller\$ 16.00	0.00
Spray), Ex	rush, Roller and cludes Drywall Taping\$ 17.24	4.41
ROOFER	\$ 15.40	0.00
	L WORKER (HVAC Unit on Only)\$ 20.05	2.24
TILE FINIS	HER\$ 12.00	0.00
TILE SETTE	R\$ 16.17	0.00
	ER: 1/Single Axle \$ 14.18	0.00
TRUCK DRIV	ER: Dump Truck\$ 12.39	1.18
TRUCK DRIV	ER: Flatbed Truck\$ 19.65	8.57
	ER: Semi-Trailer	0.00
TRUCK DRIV	ER: Water Truck\$ 12.00	4.11
WATERPROOF	ER\$ 14.39	0.00

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is a union rate (current union negotiated rate for local), a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than "SU" or

"UAVG" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the "SU" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter

* a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

REGISTER OF WAGE DETERMINATION UNDER THE SERVICE CONTRACT ACT

U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210

By direction of the Secretary of Labor

Wage Determination No.: CBA-2006-493

Diane Koplewski Director

Division of Wage Determinations Revision No.: 7

Date Of Last Revision: 2/18/2015

State: Texas

Area: Harris

Employed on NASA Johnson Space Center contract for Special Purpose Equipment on the Facilities support services contract.

Collective Bargaining Agreement between contractor: CSC Applied Technology, LLC, and union: International Association of Machinists and Aerospace Workers, D Local 1786, effective 10/1/2014 through 9/30/2017.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATION UNDER |
THE SERVICE CONTRACT ACT
By direction of the Secretary
of Labor

U.S. DEPARTMENT OF LABOR

| EMPLOYMENT STANDARDS ADMINISTRATION
| WAGE AND HOUR DIVISION
| WASHINGTON D.C. 20210

Diane Koplewski Director Division of Wage Determinations

Wage Determination No.: CBA-2006-494

Revision No.: 5

Date Of Last Revision: 3/19/2014

State: Texas

Area: Harris

Employed on NASA Johnson Space Center contract for Operations and Maintenance of Escilities Systems for

Employed on NASA Johnson Space Center contract for Operations and Maintenance of Facilities Systems for the Facilities support services contract.

Collective Bargaining Agreement between contractor: CSC Applied Technology Division, and union: International Union of Operating Engineers Local 564, effective 9/1/2012 through 8/31/2016.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATION UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary
of Labor

U.S. DEPARTMENT OF LABOR

EMPLOYMENT STANDARDS ADMINISTRATION

WAGE AND HOUR DIVISION

WASHINGTON D.C. 20210

Diane Koplewski

Division of Wage Determinations

Wage Determination No.: CBA-2006-495

Revision No.: 9
Date Of Last Revision: 5/19/2016

State: Texas

Director

Area: Harris

Employed on NASA Johnson Space Center contract for Project Maintenance and Repair on the Facilities support services contract.

Collective Bargaining Agreement between contractor: DynCorp Technical Services, LLC, A CSC Company, and union: General Presidents' Project Maintenance Agreement, effective 3/1/2016 through 2/28/2017.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

REGISTER OF WAGE DETERMINATION UNDER
THE SERVICE CONTRACT ACT
By direction of the Secretary
of Labor

U.S. DEPARTMENT OF LABOR

| EMPLOYMENT STANDARDS ADMINISTRATION

| WAGE AND HOUR DIVISION

| WASHINGTON D.C. 20210

Diane Koplewski Director Division of Wage Determinations

Wage Determination No.: CBA-2006-496

Revision No.: 3

Date Of Last Revision: 3/19/2014

State: Texas

Area: Harris

Employed on NASA Johnson Space Center contract for Work Control Operations for the Facilities support services contract.

Collective Bargaining Agreement between contractor: M1 Support Services, LP, and union: International Union of Operating Engineers Local 347, effective 4/1/2013 through 3/31/2017.

In accordance with Section 2(a) and 4(c) of the Service Contract Act, as amended, employees employed by the contractor(s) in performing services covered by the Collective Bargaining Agreement(s) are to be paid wage rates and fringe benefits set forth in the current collective bargaining agreement and modified extension agreement(s).

						OMB Ap	proval 2700-004
AMEN	IDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT	D CODE		PAGES 2
2. AMENDMEN	T/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE F	REQ. NO.	5. PROJEC	T NO. (If applicable	
	540	See Block 16C	420054	8297			
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)		CODE BJ5	
	ndon B. Johnson Space Center		Helen Bell, Contrac	t Specialist			
Institution: Houston,	al Procurement Office TX 77058		PH: 281.483.8149 Email: helen.b.bell@	@nasa.gov			
8. NAME AND	ADDRESS OF CONTRACTOR (No. Street, county	, State and ZIP: Code)		(4)	9A. AMENDMENT O	F SOLICITATION N	O.
	olied Technologies LLC						
	phen Brettel, Program Manage est Fwy, Suite 600	ſ			9B. DATED (SEE IT	EM 11)	
	th, TX 76116				10A. MODIFICATION		RDER NO.
				X	NNJ08JA020		
CODE 1JGC	2	FACILITY CODE			01/03/2008	ILW 13)	
		TEM ONLY APPLIES TO					
	numbered solicitation is amended as set for					ended.	
	cknowledge receipt of this amendment prior t	•			o .	#!#!#	(-) D.
separate letter DESIGNATED you desire to	eting Items 8 and 15, and returning one (1) or telegram which includes a reference to to D FOR THE RECEIPT OF OFFERS PRIOR change an offer already submitted, such cound is received prior to the opening hour and	he solicitation and amendmen TO THE HOUR AND DATA S hange may be made by teleg	t numbers. FAILURE OF YO PECIFIED MAY RESULT IN	UR ACKNOWLE REJECTION OF	DGMENT TO BE R YOUR OFFER. If b	ECEIVED AT TH by virtue of this ar	E PLACE nendment
	NG AND APPROPRIATION DATA (If required)		N (B		45 000 00		
SEE SCHE			Net Dec	,	515,000.00		
	13. THIS ITEM APPLI IT MODIFIES THE	ES ONLY TO MOD CONTRACT/ORD			,		
(4) A.	THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) The	HE CHANGES SET FORTH IN I	TEM 14 ARE MAD	E IN THE CONTRAC	T/ORDER NO. IN	TEM 10A.
B. SE	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL	DER IS MODIFIED TO REFLECTION (NO. 1) THORITY OF FAR 43.103(b).	THE ADMINISTRATIVE CHAN				
В.	THE ABOVE NUMBERED CONTRACT/ORI	DER IS MODIFIED TO REFLECTION (NO. 1) THORITY OF FAR 43.103(b).	THE ADMINISTRATIVE CHAN				
B. SE C.	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). NTERED INTO PURSUANT TO A Juthority)	THE ADMINISTRATIVE CHAN	IGES (such as cha	nges in paying office,	appropriation date	, etc.)
B. SE C. X D. 18 (A	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and at 352.232-77 Limitation of Funds (F	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). NTERED INTO PURSUANT TO J uthority) ixed Price Contract) (M	THE ADMINISTRATIVE CHANAUTHORITY OF: ARCH 1989) 52,232-2	IGES (such as cha	of Funds (Cost	appropriation date	, etc.)
X D. 18 (A	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and au 352.232-77 Limitation of Funds (F	DER IS MODIFIED TO REFLECT JITHORITY OF FAR 43.103(b). NTERED INTO PURSUANT TO J Juthority) ixed Price Contract) (M	THE ADMINISTRATIVE CHAN AUTHORITY OF: ARCH 1989) 52.232-2 his document and ret	IGES (such as charge) 22 Limitation urn co	of Funds (Cost	appropriation date Reimbursable uing office.	, etc.)
X D. 18 (A	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and at 852.232-77 Limitation of Funds (FAPR 1984) RTANT: Contractor Sis not,	DER IS MODIFIED TO REFLECT JITHORITY OF FAR 43.103(b). NTERED INTO PURSUANT TO J Juthority) ixed Price Contract) (M	THE ADMINISTRATIVE CHAN AUTHORITY OF: ARCH 1989) 52.232-2 his document and ret	IGES (such as charge) 22 Limitation urn co	of Funds (Cost	appropriation date Reimbursable uing office.	, etc.)
X D. 18 (A E. IMPOF	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and at 352.232-77 Limitation of Funds (FAPR 1984) RTANT: Contractor Sis not, Specific Notes and Specific Notes are supplied to the supplied of	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). INTERED INTO PURSUANT TO A JUSTICIAN STREET TO A JUSTI	THE ADMINISTRATIVE CHAN AUTHORITY OF: ARCH 1989) 52.232-2 his document and ret ection headings, including	22 Limitation urn co	of Funds (Cost pies to the iss	appropriation date Reimbursable uing office. ter where feasing	e)
X D. 18 (A E. IMPOF 14. DESCRIF The purpo 1. L 2. (6)	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and at 352.232-77 Limitation of Funds (FAPR 1984) RTANT: Contractor Sis not, Section of AMENDMENT/MODIFICAT Dose of this modification:	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). INTERED INTO PURSUANT TO J JUNE AND THE SET OF THE SET O	AUTHORITY OF: ARCH 1989) 52,232-2 Inis document and retrection headings, including The amount of the amount of the the amount of the	22 Limitation urn co solicitation/cor	of Funds (Cost pies to the iss stract subject mat	Reimbursable uing office. ter where feasile	etc.)
X D. 18 (A E. IMPOF 14. DESCRIF The purpo 1. L 2. (6)	THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and au 352.232-77 Limitation of Funds (F APR 1984) RTANT: Contractor Sis not, Serial State of this modification: De-Obligate Funds from Ann Clause B.7 — CUMULATIVE	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). INTERED INTO PURSUANT TO J JUNE AND THE SET OF THE SET O	AUTHORITY OF: ARCH 1989) 52,232-2 Inis document and retrection headings, including The amount of the amount of the the amount of the	22 Limitation urn co solicitation/cor	of Funds (Cost pies to the iss stract subject mat	Reimbursable uing office. ter where feasile	etc.)
X D. 18 (A E. IMPOF 14. DESCRIF The purpo 1. L 2. (THE ABOVE NUMBERED CONTRACT/ORI T FORTH IN ITEM 14, PURSUANT TO THE AL THIS SUPPLEMENTAL AGREEMENT IS EI OTHER: Specify type of modification and au 352.232-77 Limitation of Funds (F APR 1984) RTANT: Contractor Sis not, Serial State of this modification: De-Obligate Funds from Ann Clause B.7 — CUMULATIVE	DER IS MODIFIED TO REFLECT JTHORITY OF FAR 43.103(b). INTERED INTO PURSUANT TO J JUNE AND THE SET OF THE SET O	AUTHORITY OF: ARCH 1989) 52,232-2 Inis document and retrection headings, including The amount of the amount of the the amount of the	22 Limitation urn co solicitation/cor	of Funds (Cost pies to the iss stract subject mat	Reimbursable uing office. ter where feasile	etc.)

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Dawn Alexander, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
		NORA LEE ALEXANDER Dipathy rigored by NORM LET ALEXANDER DIPATRIC DIPATRIC ALEXANDER DIPATRIC ALEXANDER DIPATRIC ALEXANDER DIPATRIC DIPA	NBER (ASA, ou-PIV, 0.9.2342.19200300.100.1.1-indalexam, cn=NORA LEE		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

1. Contract Annex 5 funding is decreased from \$128,280,658.97 by -\$15,000.00 to \$128,265,658.97.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$128,280,658.97
Incrementally Fund: This Action: DeObligate from Annex 5:	(\$15,000.00)
Revised Cumulative Obligations:	\$128.265.658.97

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3009-1 is \$128,265,658.97.

This allotment covers Delivery Orders 1 through 3009-1 from March 1, 2008 through December 10, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1951-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End of Clause)

OMB Approval 2700-0042 1. CONTRACT ID CODE PAGE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 6 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200590179 541 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C Χ 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net Increase: \$2,380,489.91 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor ∑is not, ☐ is required to sign this document and return _ copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: Incrementally Fund Annex 4 Estimated Cost in the amount of Incrementally Fund Annex 4 Fixed Fee in the amount of 2. Incrementally Fund Annex 5 Firm Fixed Price in the amount of \$2,257,054.91. Redistributing Funds from Annex 4 Estimated cost to Annex 4 Fixed Fee in the amount of \$107.02. 4. Clause B.6 – CUMULATIVE VALUE AND FUNDING COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.

See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print)			
		Dawn Alexander , Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED		
		NORA LEE ALEXANDER Distally signed by NORALEE.	EXANDER O=NASA, ou=PIV, 0.9.2342.19200300.100.1.1=ndalexan, on=NORA LEE ALEXANDER		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,137,501.81 by \$123,435.00 to \$55,260,936.81.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,137,501.81
Incrementally Fund : This Action: Redistribute from Annex 4 Cost to Annex 4 Fee:		(b)(4)		\$123,435.00 \$0.00 \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,260,936.81

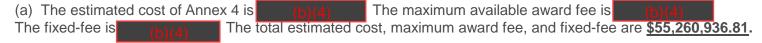
2. Contract Annex 5 funding is increased from \$128,265,658.97 by \$2,257,054.81 to \$130,522,713.78.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$128,265,658.97
Incrementally Fund: This Action:	\$2,257,054.91
Revised Cumulative Obligations:	\$130,522,713.88

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

I. BA	SE PERIOD I	FOR CONTRA	ACT YEAR	1 AND 2	Including	Exercised opti	ons YEAR's	: 3 thru 9.
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This allotment covers Task Orders 1 through 15ES6-7, from March 1, 2008 through November 15, 2016.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,260,936.81.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3016 is \$130,522,713.78.

This allotment covers Delivery Orders 1 through 3016 from March 1, 2008 through January 31, 2016.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-7-Re</u>

Act, 1011-8-Recovery Act, 1011-9-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End of Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,012.50	\$936.91	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016	\$456,669.23	\$0.00	\$456,669.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016	\$735,881.40	-\$4,573.00	\$731,308.40
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$149,408.40	\$0.00	\$149,408.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016	\$78,711.93	\$20,407.00	\$99,118.93
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49

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FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016	\$6,194.60	\$200.00	\$6,394.60
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016	\$477,343.57	\$134,420.00	\$611,763.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 C/O-9 / 05/16/2016 C/O-10 / 05/26/2016	\$20,170.57	\$3,457.00	\$23,627.57
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016	\$10,762.89	\$0.00	\$10,762.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$41,519.61	\$0.00	\$41,519.61
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016	\$44,324.88	\$0.00	\$44,324.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016	\$168,789.00	\$0.00	\$168,789.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$463,384.30	\$0.00	\$463,384.30
FY16 NA1 DO DDN Acct	11/02/15	09/30/16		\$696.23		\$696.23
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016	\$97,464.00	\$0.00	\$97,464.00
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79

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FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016	\$48,689.53	\$10,000.00	\$58,689.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$164,847.91	

AMENDMENT OF SOLICITATION/MOD	IFIC ATIO	ON OF CONTRACT	1. CONTRACT	ID CODE	PAGE (OF PAGES
AMENDMENT OF GOLIGITATION, MOD		on or contract			1	2
2. AMENDMENT/MODIFICATION NO. 542	3. See Block 16C	4. REQUISITION/PURCHASE RE 4200548	297	5. PROJECT NO		le)
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other to	*	CO	DE BJ5	
NASA Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist			
Institutional Procurement Office Houston, TX 77058		PH: 281.483.8149 Email: helen.b.bell@	2000 201			
NAME AND ADDRESS OF CONTRACTOR (No. Street, county,	State and 7ID:		(4)	9A. AMENDMENT OF SO	LICITATION	NO
	, State and ZIF.	Code)	(4)	9A. AMENDIMENT OF 30	LICITATION	NO.
PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager				9B. DATED (SEE ITEM 1	1)	
6500 West Fwy, Suite 600				ob. BATEB (GEL TIEM)	•/	
Fort Worth, TX 76116				10A. MODIFICATION OF	CONTRACT/	ORDER NO.
			X	NNJ08JA02C 10B. DATED (SEE ITEM	42)	
CODE 1JGQ2	FACIL	ITY CODE		01/03/2008	13)	
		APPLIES TO AMENDME	NTS OF SOL	ICITATIONS		
The above numbered solicitation is amended as set forth	h in Item 14.	The hour and date specified for	receipt of Offer	s is extended,	is not ext	ended.
Offers must acknowledge receipt of this amendment prior to					methods:	
(a) By completing Items 8 and 15, and returning one (1) colletter or telegram which includes a reference to the solicitate FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR an offer already submitted, such change may be made by to the opening hour and data specified.	ion and amen AND DATA S	dment numbers. FAILURE OF PECIFIED MAY RESULT IN RE	YOUR ACKNO	OWLEDGMENT TO BE R YOUR OFFER. If by virtu	ECEIVED A ie of this an	AT THE PLACE DESIGNATED nendment you desire to change
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
SEE SCHEDULE			Net Incr	rease: \$15,000.	.00	
13. THIS ITEM APPLI IT MODIFIES THE		Y TO MODIFICATION RACT/ORDER NO.				,
(4) A. THIS CHANGE ORDER IS ISSUED PURSU.	ANT TO: (Spe	cify authority) THE CHANGES S	SET FORTH IN I	TEM 14 ARE MADE IN TH	E CONTRAC	CT/ORDER NO. IN ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORD FORTH IN ITEM 14, PURSUANT TO THE AUTHO	RITY OF FAR	43.103(b).		IGES (such as changes in	paying office	, appropriation date, etc.) SET
C. THIS SUPPLEMENTAL AGREEMENT IS EN	ITERED INTO	PURSUANT TO AUTHORITY OF	₹			
X D. OTHER: Specify type of modification and au 1852.232-77 Limitation of Funds (Fi 1984)	• /	Contract) (MARCH 198	39) 52.232-2	22 Limitation of Fur	nds (Cost	Reimbursable) (APR
E. IMPORTANT: Contractor ⊠is not, □] is requir	ed to sign this docum	ent and ret	urn copies to	o the iss	uing office.
14. DESCRIPTION OF AMENDMENT/MODIFICATI	ON (Organi	zed by UCF section headin	gs, including	solicitation/contract s	ubject ma	tter where feasible.)
The purpose of this modification:						
 Re-Obligate Funds to Annex Mod 540 which De-Obligated 					is actio	n is in reference to
 To correct an erroneous error from \$128,265,658.97 by \$2 funding is increased from \$1 	2,257,05 ₄	4.81 to \$130,522,7	13.78 ." th	e correct stater	nent is	•
3. To correct an erroneous erroneous orders 1 through 3016 is \$1300 orders 1 through 3016 is	130,522,	713.78." the correc				
<u> </u>		See Pa	age 2			
Except at provided herein, all terms and conditions of the document refe	erenced in Item	9A or 10A, as heretofore changed, r	emains unchange			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRAC	TING OFFICER (Type or	print)	

15B. CONTRACTOR/OFFEROR

ANEESAH VAUGHN

15C. DATE Aneesah K. Vaughn, Contracting Officer
16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

16C. DATE SIGNED

- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 5 funding is increased from \$130,522,713.88 by \$15,000.00 to \$130,537,713.88.

Contract Annex 5 Funding Recapitulation	Total CumulativeFunding
Prior Cumulative Obligations:	\$130,522,713.88
Incrementally Fund: This Action:	\$15,000.00
Revised Cumulative Obligations:	\$130.537.713.88

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 2805-4 is \$130,537,713.88.

This allotment covers Delivery Orders 1 through 2805-4 from March 1, 2008 through January 31, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1011-11-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>1995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1498-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1168-2-Recovery Act</u>, <u>1011-19-Recovery Act</u>, <u>1011-18-Recovery Act</u>, <u>1011-20-Recovery Act</u>, <u>1498-1-Recovery Act</u>, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End of Clause)

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

(Signature of person authorized to sign)

ANEESAH VAUGHN

(Signature of Contracting Officer)

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

Digitally signed by ANEESAH VAUGHN
DN: c=US, o+U.S. Government, ou=NASA, ou=People,
cn=ANEESAH VAUGHN, 0.9.2342.19200300.100.1.1=akvaughn
Date: 2016.06.14 11:4003-05'00'

- 3. Clause B.6 CUMULATIVE VALUE AND FUNDING COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,260,936.81 by \$34,903.62 to \$55,295,840.43.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,260,936.81
Incrementally Fund : This Action:				\$48,903.62
Deobligate from Annex 4 Cost:				(\$14,000.00) \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,295,840.43

2. Contract Annex 5 funding is increased from \$130,537,713.88 by \$1,516,643.14 to \$132,054,357.02.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$130,537,713.88
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price:	\$1,517,394.14 (\$751.00)
Revised Cumulative Obligations:	\$132,054,357.02

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 9.

(a) The estimated cost of Annex 4 is (b)(4). The maximum available award fee is (b)(4). The fixed-fee is (b)(4). The total estimated cost, maximum award fee, and fixed-fee are \$55,295,840.43.

This allotment covers Task Orders 1 through 15CB1-3, from March 1, 2008 through January 8, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (h)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,295,840.43.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (5)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3029 is \$132,054,357.02.

This allotment covers Delivery Orders 1 through 3029 from March 1, 2008 through March 19, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-</u>

Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-16-Recovery Act, 1498-1-Recovery Act, 1011-19-Recovery Act, 1

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016	\$456,669.23	\$0.00	\$456,669.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016	\$731,308.40	\$0.00	\$731,308.40
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016	\$149,408.40	\$12,000.00	\$161,408.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016	\$99,118.93	\$0.00	\$99,118.93
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49

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FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016	\$6,394.60	\$2,904.13	\$9,298.73
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016	\$611,763.57	-\$371,378.00	\$240,385.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 C/O-9 / 05/16/2016 C/O-10 / 05/26/2016	\$23,627.57	\$1,701.00	\$25,328.57
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$10,762.89	\$3,797.00	\$14,559.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$41,519.61	\$0.00	\$41,519.61
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016	\$44,324.88	\$0.00	\$44,324.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$168,789.00	-\$26,014.00	\$142,775.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$463,384.30	\$0.00	\$463,384.30
FY16 NA1 DO DDN Acct	11/02/15	09/30/16		\$696.23		\$696.23
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016	\$97,464.00	\$3,447.00	\$100,911.00
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08

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FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016	\$58,689.53	\$4,700.00	\$63,389.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					-\$368,842.87	

				1. CONTRACT I	O CODE		1	Approval 2700-0 F PAGES
AM	ENDMENT OF SOLICITATION/I	MODIFICATION OF	CONTRACT				1	6
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.		5. PROJECT NO		6 (e)
	544	See Block 16C	420059	2363				•
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other	r than Item 6)	J	CC	DDE BJ5	
NASA	Lyndon B. Johnson Space Center		Helen Bell, Contrac	t Specialist				
Institut	ional Procurement Office		PH: 281.483.8149					
Housto	n, TX 77058		Email: helen.b.bell@	®nasa.gov				
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AME	NDMENT OF SC	LICITATION	10.
	Applied Technologies LLC							
	Stephen Brettel, Program Manager				9B. DAT	TED (SEE ITEM 1	1)	
	West Fwy, Suite 600			-	10A MO	DIFICATION OF	CONTRACT	ODDED NO
Fort V	Vorth, TX 76116				-	08JA02C	CONTRACTA	JRDER NO.
		1		X	10B. DA	ATED (SEE ITEM	13)	
CODE 1J	GQ2	FACILITY CODE			01/03	/2008		
_			AMENDMENTS OF SOLI	_				
	pove numbered solicitation is amended as set forth		·			is not extende	d.	
	st acknowledge receipt of this amendment prior to mpleting Items 8 and 15, and returning one (1)							
DESIGNA you desire amendme	etter or telegram which includes a reference to the TED FOR THE RECEIPT OF OFFERS PRIOR To be to change an offer already submitted, such chant, and is received prior to the opening hour and described.	TO THE HOUR AND DATA Stange may be made by telet	SPECIFIED MAY RESULT IN	REJECTION OF	YOUR O	FFER. If by vi	tue of this a	mendment
	JNTING AND APPROPRIATION DATA (If required)		N. c. I	(4)	4 4 0 0 4	50 \		
SEE SC	CHEDULE		Net dec	, , , , , , , , , , , , , , , , , , ,	14,361			
	13. THIS ITEM APPLIE							
	IT MODIFIES THE	CONTRACT/ORD	ER NO. AS DESCI	RIBED IN I	ΓΕΜ 1	14.		
(4)	A. THIS CHANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) TI	HE CHANGES SET FORTH IN I	TEM 14 ARE MAD	E IN THE	CONTRACT/OF	RDER NO. IN	ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORD SET FORTH IN ITEM 14, PURSUANT TO THE AU	THORITY OF FAR 43.103(b).		IGES (such as cha	nges in pa	aying office, app	ropriation dat	e, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT TO	AUTHORITY OF:					
Х	D. OTHER: Specify type of modification and aut							
	1852.232-77 Limitation of Funds (Fi. (APR 1984)	xed Price Contract) (M	IARCH 1989) 52.232-2	22 Limitation	of Fund	ds (Cost Re	imbursabl	.e)
	PORTANT: Contractor $igstyle{igstyle{igstyle{igstyle{igstyle{A}}}}$ is not, $igstyle{igstyle{igstyle{igstyle{A}}}}$							
	CRIPTION OF AMENDMENT/MODIFICATI	ON (Organized by UCF s	ection headings, including	solicitation/con	tract su	bject matter v	where feas	ible.)
The pu	rpose of this modification:		_					
	Incrementally Fund Annex Incrementally Fund Annex De-obligate Funds from A	x 4 Fixed Fee in th	e amount of (b)(4		4)			
	Incrementally Fund Annex De-obligate Funds from A					4.		
			See Page 2					
_	ided herein, all terms and conditions of the document refe	renced in Item 9A or 10A as here	•	ed and in full force ar	d effect			
xcept at prov	idea nerelli, ali terris and conditions of the document refe							

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CON	ITRACTING OFFICER	(Type or print)
				(.)
		Aneesah K. Vaughn . Con	ntracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMER	RICA	16C. DATE SIGNED
		Λ NIEEC Λ LI	Digitally signed by ANI	ESAH VAUGHN
		ANEESAH	N: c=US, o=U.S. Gove	rnment ou=NASA
(Signature of person authorized to sign)			ou=PIV, cn=ANEESAH	
(Signature or person authorized to sign)		_ /		
		IVAUGHN /	0.9.2342.19200300.100	.1.1=akvaughn
		VAUGIN	Date: 2016.06.29 16:35	22 -05'00'
		(0)		
		(Signature of Contracting	j Onicer)	

- 3. Redistribute Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$32,789.20.
- 4. Redistribute Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,295,840.43 by \$1,566.32 to \$55,297,406.75.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,295,840.43
Incrementally Fund : This Action:				\$52,003.32
Deobligate from Annex 4 Cost: Redistribute From Annex 4 to Annex 5: Redistribute From Annex 5 to Annex 4:		(0)(4)		(\$17,647.80) (\$37,789.20) \$5,000.00
Revised Cumulative Obligations:		(b)(4)		\$55,297,406.75

2. Contract Annex 5 funding is decreased from \$132,054,357.02 by -\$15,927.91 to \$132,038,429.11.

Contract Annex 5 Funding Recapitulation	Funding
Prior Cumulative Obligations:	\$132,054,357.02
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:	\$253,290.83 (\$302,007.94) \$37,789.20 (\$5,000.00)
Revised Cumulative Obligations:	\$132,038,429.11

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

۱.	BASE PERIOD FOR CONTRACT	YEAR 1 AND 2	Including	g Exercised optio	ns YEAR's 3 th	hru 9.
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This allotment covers Task Orders 1 through 16EA1-3, from March 1, 2008 through January 8, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,297,406.75.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b) (4) (c) The maximum available fixed fee is (b) (4) (d) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 2985-3 is \$132,038,429.11.

This allotment covers Delivery Orders 1 through 2985-3 from March 1, 2008 through March 19, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-7-</u>

Act, 1011-8-Recovery Act, 1011-9-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016	\$456,669.23	\$0.00	\$456,669.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016	\$731,308.40	\$191,343.80	\$922,652.20
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016	\$161,408.40	\$0.00	\$161,408.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016	\$99,118.93	\$19,809.00	\$118,927.93
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016	\$99,085.49	\$0.00	\$99,085.49

FY16 EQ1 DO DDN Acet							Гс	ige 5
PY16 EPI DO DDN Acct		10/28/15	09/30/16	CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016	\$9,298.73	\$1,743.00	\$11,041.73	
FY16 ER1 DO DDN Acct 10/28/15 09/30/16 CO-3 / 02/29/2016 CO-4 / 02/23/2016 CO-5 / 03/38/2016 CO-5 / 03	FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016	\$240,385.57	\$0.00	\$240,385.57	
FY16 ES1 DO DDN Acet 10/28/15 09/30/16 CO-3 / 00/28/2016 CO-4 / 06/13/2016 S13,000.00 S53,088.05 S0.00 S53,080.00 S0.00 S53,080.	FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016	\$25,328.57	\$0.00	\$25,328.57	
FY16 EVIDO DDN Acct 10/29/15 09/30/16 CO-3 / 03/16/2016 CO-3 / 03/16/2016 CO-5 / 05/16/2016 S15,000.00 S53,088.05 CO-2 / 02/03/2016 S53,088.05 S0.00 S53,088.05 CO-3 / 02/09/2016 S53,088.05 S0.00 S	FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-2 / 02/18/2016 CO-3 / 04/28/2016	\$14,559.89	\$0.00	\$14,559.89	
FY16 GA1 DO DDN 10/29/15 09/30/16 CO-1 / 12/14/2015 CO-2 / 02/03/2016 \$53,088.05 \$0.00 \$53,088.05 \$0.00 \$F3,088.05 \$0.00 \$F3,088.05	FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016	\$41,519.61	\$15,000.00	\$56,519.61	
FY16 IA1 DO DDN Acct 10/29/15 09/30/16 CO-2 / 04/20/2016 CO-3 / 05/16/2016 S44,324.88 \$0.00 \$44,324.88 Page 10/29/15 Sept. Sep. Sep. Sep. Sep. Sep. Sep. Sep. Sep		10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016	\$53,088.05	\$0.00	\$53,088.05	
FY16 JA1 DO DDN Acct 10/15/15 09/30/16 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 S0.00 \$142,775.	FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-2 / 04/20/2016 CO-3 / 05/16/2016	\$44,324.88	\$0.00	\$44,324.88	
FY16 JB1 DO DDN Acct 10/16/15 09/30/16 CO-2 / 02/08/2016 \$29,048.18 \$0.00 \$29,048.18 FY16 JE1 DO DDN Acct 02/17/16 09/30/16 CO-1 / 03/16/2016 \$13,000.00 \$0.00 \$13,000.00 FY16 JP1 DO DDN Acct 10/14/15 09/30/16 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 06/29/2016 CO-7 / 06/29/2016 FY16 NA1 DO DDN Acct 11/02/15 09/30/16 \$696.23 \$696.23 FY16 NA2 DO DDN 11/02/15 09/30/16 \$1749.64	FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016	\$142,775.00	\$0.00	\$142,775.00	
FY16 JE1 DO DDN Acct 02/17/16 09/30/16 CO-1 / 03/16/2016 \$13,000.00 \$0.00 \$13,000.00 CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-3 / 12/14/2015 CO-5 / 03/08/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 06/29/2016 S696.23 FY16 NA1 DO DDN Acct 11/02/15 09/30/16 \$1749.64	FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-2 / 02/08/2016	\$29,048.18	\$0.00	\$29,048.18	
FY16 JP1 DO DDN Acct 10/14/15 09/30/16 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 06/29/2016 CO-7 / 06/29/2016 CO-7 / 06/29/2016 S696.23 \$696.23 FY16 NA2 DO DDN 11/02/15 09/30/16 \$1749.64	FY16 JE1 DO DDN Acct	02/17/16	09/30/16		\$13,000.00	-	\$13,000.00	1
Acct 11/02/15 09/30/16 \$696.23 \$696.23 FY16 NA2 DO DDN 11/02/15 09/30/16 \$1.749.64 \$6.23 \$1.749.64		10/14/15	09/30/16	CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016	\$463,384.30		\$213,384.30	
1 11/0//15 1 09/30/16 1 31/49.64 60.00 31/49.64		11/02/15	09/30/16		\$696.23		\$696.23	
		11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64	

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FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016	\$100,911.00	\$32,789.20	\$133,700.20
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016	\$63,389.53	\$0.00	\$63,389.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90	,	\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$10,685.00	

AMENDMENT OF SOLICITATION	//MODIFICATION OF	CONTRACT	1. CONTRACT II	D CODE	PAGE O	pproval 2700-00 F PAGES
2. AMENDMENT/MODIFICATION NO.					1	6
2. AMERICALIMODIFICATION NO. 545	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE F	REQ. NO.	5. PROJE	CT NO. (If applicable	
343	See Block 16C	420059	4167			
6. ISSUED BY COD	E BJ	7. ADMINISTERED BY (If other	46 N O		·	
NASA Lyndon B. Johnson Space Cente		Helen Bell, Contract			CODE BJ5	
Institutional Procurement Office		PH: 281,483,8149	Opecialist			
Houston, TX 77058		Email: helen.b.bell@	nasa.gov			
NAME AND ADDRESS OF CONTRACTOR (No. Street, country)	ty, State and ZIP: Code)	<u> </u>	(4)	9A. AMENDMENT O	F SOLICITATION N	0.
PAE Applied Technologies LLC						
Attn: Stephen Brettel, Program Manage 6500 West Fwy, Suite 600	er			9B. DATED (SEE IT	EM 11)	
Fort Worth, TX 76116						
(), (), (), (), ()				10A. MODIFICATION NNJ08JA020	OF CONTRACTIO	RDER NO.
code 1JGQ2	EACH ITY CODE		^	10B. DATED (SEE)		
	FACILITY CODE	MACNEMENTO DE COLIC		01/03/2008		
The above numbered solicitation is amended as set for	th in Item 14. The bour and dat	AMENDMENTS OF SOLIC	TI :			
Offers must acknowledge receipt of this amendment prior	to the hour and date specified in	the solicitation or as amended	i bu one of the fet	is not exte	nded.	
(d) DV COMDICTION MEMS 8 and 35 and returning one /1	\ come of the second-line is the				offen archaelth. J.	(-) -
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR	TO THE HOUR AND DATA OF	Manipole, TALLOINE OF TOL	N ACKNOVYLED	GMENT TO BE R	ECEIVED AT TH	E PLACE
you desire to change an offer already submitted, such amendment, and is received prior to the opening hour and	change may be made by telegi	ram or letter, provided each t	telegram or letter	OUR OFFER. If be makes reference	y virtue of this an to the solicitation	endment and this
12. ACCOUNTING AND APPROPRIATION DATA (If required)	uata specified.		· · · · · · · · · · · · · · · · · · ·			
SEE SCHEDULE		Net incre	ase: \$47	8,828.49		
13. THIS ITEM APPLI	ES ONLY TO MODI			/ODDEDO		·····
IT MODIFIES THE	CONTRACT/ORDE	FR NO AS DESCR	INTRACIS	ORDERS,		
(4) A. THIS CHANGE ORDER IS ISSUED PURSU	JANT TO: (Specify authority) THI	E CHANGES SET FORTH IN IT	M 14 ARE MADE	EIVI 14.	(ADDEE) 110 1111	
B. THE ABOVE NUMBERED CONTRACT/OR SET FORTH IN ITEM 14, PURSUANT TO THE AL	DER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHANG	ES (such as chang	ges in paying office, a	appropriation date.	etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS E						
X D. OTHER: Specify type of modification and at 1852 232-77 Limitation of Funds (F.	ithority)					
1852.232-77 Limitation of Funds (F (APR 1984)	ixed Frice Contract) (MA	ARCH 1989) 52.232-22	Limitation of	f Funds (Cost F	Reimbursable)
E. IMPORTANT: Contractor ⊠is not, □	is required to sign thi	is decrement and action	· · · · · · · · · · · · · · · · · · ·		·	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by LICE and	s document and retu	rn copi	es to the issu	ing office.	
The purpose of this modification:	Con Congainized by OCF Sec	aion neadings, including si	olicitation/contra	act subject matte	r where feasibl	e.)
1. Incrementally Fund Anne.	v 4 Estimated Coat i	n the emercial	(1. \ / 4 \			
Incrementally Fund Anne	x 4 Fixed Fee in the	emount of	<u>(b)(4)</u>			
De-obligate Funds from A	Annex 4 Estimated C	Cost in the amount of				
2. Incrementally Fund Annex	x 5 Firm Fixed Price	in the amount of \$4	<i>151.056.00.</i>			
De-obligate Funds from A	Innex 5 Firm Fixed F	Price in the amount	of -\$120.99	9.		
		See Page 2				
Except at provided herein, all terms and conditions of the document refe	renced in Item 9A or 10A, as heretof	ore changed, remains unchanged a	and in full force and e	effect.		
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRACTIN	G OFFICER (Type	or print)	···
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	Aneesah K. Vaughi	. Contractino	Officer		
	STILL GIORALD	16B. UNITED STATES C	∕r AMERICA Λ		I6C. DATE SIGNE	D
(Signature of person authorized to sign)		1/1 /	10		, ,	
		(rest)			7/8/16	ŀ
		(Signature of Co	ntracting Officer)		10114	

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

30-105 COMPUTER GENERATED FAR (48 CFR) 53,24

STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

- 3. Redistribute Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$29,296.62.
- 4. Redistribute Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,297,406.75 by \$28,596.86 to \$55,326,003.61.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,297,406.75
Incrementally Fund : This Action:				\$29,640.48
Deobligate from Annex 4 Cost: Redistribute From Annex 4 to Annex 5: Redistribute From Annex 5 to Annex 4:				(\$1,747.00) (\$29,296.62) \$30,000.00
Revised Cumulative Obligations:		(b)(4)		\$55,326,003.61

2. Contract Annex 5 funding is increased from \$132,038,429.11 by \$450,231.63 to \$132,488,660.74.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$132,038,429.11
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:	\$451,056.00 (\$120.99) \$29,296.62 (\$30,000.00)
Revised Cumulative Obligations:	\$132,488,660.74

CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4) B.6

1.

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

1.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 9.
	The estimated cost of Annex 4 is $(b)(4)$. The maximum available award fee is $(b)(4)$ e fixed-fee is $(b)(4)$. The total estimated cost, maximum award fee, and fixed-fee are \$\frac{\$55,326,003.61}{}
	This allotment covers Task Orders 1 through 16GA1-1, from March 1, 2008 through January 8, 2017.
For amo	purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total ount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of is obligated under this contract for payment of award fee.
- (c) An additional amount is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,326,003.61.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" - American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is The maximum available fixed fee is The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act. is for period September 14, 2009 through October 31, 2012.

"STIMULUS" - American Recovery Act and Reinvestment Act: For purposes of payment of cost, (c) exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of Thyra is obligated under this contract for payment of fixed fee.

(End of Clause)

CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5) B.7

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9 1.

The total firm-fixed-price of Delivery Orders 1 through 3024-1 is \$132,488,660.74.

This allotment covers Delivery Orders 1 through 3024-1 from March 1, 2008 through March 19, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" - American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12.521.713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery

Act, 1011-8-Recovery Act, 1011-9-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1398-Recovery Act, 1398-Recovery Act, 1398-Recovery Act, 1398-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016	\$456,669.23	\$0.00	\$456,669,23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016	\$922,652.20	-\$643.00	\$922,009.20
FY16 CXI DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016	\$161,408.40	\$0.00	\$161,408.40
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016	\$10,000.00	\$0.00	\$10,000.00
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016	\$7,271.20	\$0.00	\$7,271.20
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016	\$118,927.93		\$118,927.93
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1/ 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016	\$99,085.49	\$0.00 -\$30,000.00	\$69,085.49

						P:
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016	\$11,041.73	\$33,163.00	\$44,204.73
FY16 EP1 DO DDN Acet	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$240,385.57	\$31,000.00	\$271,385.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016	\$25,328.57	\$2,000.00	\$27,328.57
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89
FY16 EVIDO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016	\$56,519.61	\$2,870.57	\$59,390.18
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016	\$44,324.88	\$0.00	\$44,324.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$142,775.00	\$0.00	\$142,775.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$213,384.30	\$24,426.05	\$237,810.35
FY16 NA1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 07/08/2016	\$696.23	-\$120.99	\$575.24
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64

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FY16 OA1 DO DDN Acct	11 <i>1</i> [06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016	\$133,700.20	\$0.00	\$133,700.20
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986,16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016	\$63,389.53	\$20,000.00	\$83,389.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90	7000	\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$82,695.63	

AME	NDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT II	O CODE		PAGE	OF PAGE	:S
2 AMENDME	NT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	=O NO	F DD	O IECT NO	1). (If applical	6	
2. AMENDINE	546	See Block 16C	4200595		5. PK	OJECT NO	. (п аррпсал	ole)	
6. ISSUED BY	CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		CO	DE BJ5		
NASA Ly	ndon B. Johnson Space Center		Helen Bell, Contract	Specialist					
Institution	nal Procurement Office		PH: 281.483.8149						
Houston,	TX 77058		Email: helen.b.bell@	nasa.gov					
8. NAME AN	ID ADDRESS OF CONTRACTOR (No. Street, county	, State and ZIP: Code)		(4)	9A. AMENDME	NT OF SOL	ICITATION	NO.	
PAE Ap	plied Technologies LLC				ľ				
Attn: Ste	ephen Brettel, Program Manager	•			9B. DATED (S	EE ITEM 1	1)		
6500 W	est Fwy, Suite 600								
Fort Wo	orth, TX 76116				10A. MODIFICA		CONTRACT	ORDER N	Ο.
				X	10B. DATED (13)		—
CODE 1JG	Q2	FACILITY CODE			01/03/200		-,		
	11. THIS I	TEM ONLY APPLIES TO A	MENDMENTS OF SOLIC	ITATIONS					
The abov	e numbered solicitation is amended as set fort	h in Item 14. The hour and date	e specified for receipt of Offers	is extended	d, is no	t extended	l.		
Offers must a	acknowledge receipt of this amendment prior to	the hour and date specified in	the solicitation or as amended	, by one of the fo	llowing metho	ds:			
	leting Items 8 and 15, and returning one (1)								
	er or telegram which includes a reference to t								
you desire to	o change an offer already submitted, such cl and is received prior to the opening hour and o	hange may be made by telegr							
	TING AND APPROPRIATION DATA (If required)	data specified.							—
SEE SCH	, , ,		Net Incre	ase: \$3.	574,117.05	5			
	13. THIS ITEM APPLIE								—
		CONTRACT/ORDE				ιο,			
(4) A	THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) THI	E CHANGES SET FORTH IN ITI	EM 14 ARE MADI	E IN THE CONT	TRACT/OR	DER NO. I	N ITEM 10)A.
B	ET FORTH IN ITEM 14, PURSUANT TO THE AU		THE ADMINISTRATIVE CHANG	SES (such as cha	nges in paying o	office, appr	opriation da	ate, etc.)	
С	THIS SUPPLEMENTAL AGREEMENT IS EN	ITERED INTO PURSUANT TO A	UTHORITY OF:						
	OTHER: Specify type of modification and au	thority)							_
X	852.232-77 Limitation of Funds (Fi	* *	ARCH 1989) 52 232-22	Limitation (of Funds (C	ost Rei	mhursak	ile)	
	APR 1984)	ixed Trice Contract) (Wil	mc11 1707) 32.232 22	2 Emmation v	or r unus (C	JOST IXCI	moursac	<i>(10)</i>	
E. IMPO	RTANT: Contractor ⊠is not, □] is required to sign th	is document and retu	ırn cor	oies to the	issuing	office.		
14. DESCR	IPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ction headings, including s	olicitation/con	tract subject	matter w	here fea	sible.)	_
The purp	oose of this modification:								
	1. Incrementally Fund BASE	E Estimated Cost in	the amount of	(b)(4)					
	Incrementally Fund BASE	- - Δward Fee in the a	emount of (b)(4)						
	morementally rand bride	- / Wara i oo iii iiio c	arrount or						
	2. Incrementally Fund Anne.	y 4 Estimated Cost	in the amount of	(b)(4)					
	Incrementally Fund Anne			<u>(D)(+)</u>					
	Deobligate Funds from A			f (b)(4)					
	Deobligate Fallas Irolli A	TITICX + Estimated O	ost in the amount o	" (D)(4)					
	3. Incrementally Fund Anne.	x 5 Firm Fixed price	in the amount of \$	704 264 20	2				
	Deobligate Funds from A	-							
	Doobligate Farias from 1	IIIOX O I IIIII I IXOG I	See Page 2	οι φι,του	.00.				
Treast - (d housing all towns and a sufficient fit	avanced in Here OA 40A	•	and in Eill E	al affa-t				
except at provided	d herein, all terms and conditions of the document refe	erenced in Item 9A or 10A, as hereto	prore changed, remains unchanged	and in tull force an	a ettect.				
15A. NAME	AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE	OF CONTRACT	ING OFFICER	(Type or	print)		—
	Care - Finny		Aneesah K. Vaugl			. 71	,		
15B CONTR	ACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES	OF AMERICA		160	DATE SI	IGNED	_

ANEESAH VAUGHN paga gara ta anatomic salah salah

- 4. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$26,065.51.
- 5. Redistributing funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of
- 6. Clause B.4 CUMULATIVE VALUE AND FUNDING (NFS 1852.232-81)(JUN 1990)(not Annexes 4 and 5) is hereby modifies and replaced by the attached.
- 7. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 8. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Base funding is increased from \$295,330,782.92 by \$2,710,457.43 to \$298,041,240.35.

Contract Base Funding Recapitulation	Estimated Cost Award Fee	Total Cumulative Funding
Prior Cumulative Obligations:		\$295,330,782.92
Incrementally Funded: this Action	(b)(4)	\$2,710,457.43 \$0.00 \$0.00
Revised Cumulative Obligations:	(b)(4)	\$298,041,240.35

2. Contract Annex 4 funding is increased from \$55,326,003.61 by \$176,752.53 to \$55,502,756.14.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,326,003.61
Incrementally Fund : This Action:				\$166,185.42
Deobligate from Annex 4 Cost: Redistribute From Annex 4 to Annex 5: Redistribute From Annex 5 to Annex 4:		(=)(1)		(\$5,000.00) (\$26,065.51) \$41,632.62
Revised Cumulative Obligations:		(b)(4)		\$55,502,756.14

3. Contract Annex 5 funding is increased from \$132,488,660.74 by \$686,907.09 to \$133,175,567.83.

Contract Annex 5 Funding Recapitulation

Prior Cumulative Obligations:

\$132,488,660.74

Incrementally Fund: This Action:
De-Obligate from Annex 5 Firm Fixed Price:
Redistribute from Annex 4 to Annex 5:
Redistribute from Annex 5 to Annex 4:

\$26,065.51
(\$41,632.62)

Revised Cumulative Obligations:

\$133,175,567.83

B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: September 4, 2016.

(b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.

(c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FOR C	ONTRACT YEAR	1 AND 2 Including	Exercised options	YEAR's	3 thru 9.
			-			

(a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$55,502,756.14.

This allotment covers Task Orders 1 through 16JP1-4, from March 1, 2008 through January 20, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

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

(c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are (b)(4)

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(a) The maximum available fixed fee is (b)(a) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders <u>74-Recovery Act</u>, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) so obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 15OA1-9 is \$133,175,567.83.

This allotment covers Delivery Orders 1 through 15OA1-9 from March 1, 2008 through April 10, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-8-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1168-1-Recovery Act, 1168-1-Recov

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016	\$456,669.23	-\$182,685.00	\$273,984.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016	\$922,009.20	-\$9,815.00	\$912,194.20
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016	\$161,408.40	\$5,060.60	\$166,469.00
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016	\$10,000.00	-\$3,070.34	\$6,929.66
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$7,271.20	\$3,658.25	\$10,929.45
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 C/O-11 / 07/21/2016	\$118,927.93	\$28,456.90	\$147,384.83
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016	\$69,085.49	\$2,851.00	\$71,936.49

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FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016	\$44,204.73	-\$1,790.00	\$42,414.73
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$271,385.57	\$0.00	\$271,385.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016	\$27,328.57	\$1,522.93	\$28,851.50
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89
FY16 EV1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016	\$59,390.18	\$13,788.85	\$73,179.03
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016	\$44,324.88	\$0.00	\$44,324.88
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$142,775.00	\$0.00	\$142,775.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016	\$13,000.00	\$0.00	\$13,000.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35

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FY16 NA1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
FY16 NA2 DO DDN Acct	11/02/15	09/30/16		\$1,749.64	\$0.00	\$1,749.64
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016	\$133,700.20	\$57,302.90	\$191,003.10
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016	\$83,389.53	\$0.00	\$83,389.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					-\$84,718.91	

AMENDMENT OF SOLICITATION/	MODIFICATION OF	CONTRACT	1. CONTRACT I	D CODE		PAGE O	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE RE	=O NO		5. PROJECT NO	(If applicable	7
547	See Block 16C		4200596251				5)
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other to	han Item 6)		COI	DE BJ5	
NASA Lyndon B. Johnson Space Center Institutional Procurement Office Houston, TX 77058		Helen Bell, Contract PH: 281.483.8149 Email: helen.b.bell@	·			200	
NAME AND ADDRESS OF CONTRACTOR (No. Street, county)	, State and ZIP: Code)		(4)	9A. AMEI	NDMENT OF SOL	LICITATION N	NO.
PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager 6500 West Fwy, Suite 600 Fort Worth, TX 76116	r			10A. MO	ED (SEE ITEM 11 DIFICATION OF 0		ORDER NO.
			X	10B. DA	TED (SEE ITEM 1	13)	
CODE 1JGQ2	FACILITY CODE			01/03/	/2008		
	TEM ONLY APPLIES TO A		_				
The above numbered solicitation is amended as set fort					is not extended	l.	
Offers must acknowledge receipt of this amendment prior to	•						
(a) By completing Items 8 and 15, and returning one (1) separate letter or telegram which includes a reference to the DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such a mendment, and is received prior to the opening hour and	he solicitation and amendment TO THE HOUR AND DATA SI hange may be made by teleg	numbers. FAILURE OF YOU PECIFIED MAY RESULT IN R	IR ACKNOWLE EJECTION OF	DGMENT YOUR OF	TO BE RECE	IVED AT THue of this a	HE PLACE mendment
12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE		Net Incre	220: \$2	0,623.1	5		
				-			
13. THIS ITEM APPLII IT MODIFIES THE	ES ONLY TO MODI : CONTRACT/ORDI						
(4) A. THIS CHANGE ORDER IS ISSUED PURSU	ANT TO: (Specify authority) TH	E CHANGES SET FORTH IN ITI	EM 14 ARE MAD	E IN THE	CONTRACT/OR	DER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORI SET FORTH IN ITEM 14, PURSUANT TO THE AL		THE ADMINISTRATIVE CHANG	GES (such as cha	nges in pa	aying office, appr	opriation dat	e, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS EI	NTERED INTO PURSUANT TO A	UTHORITY OF:					
X D. OTHER: Specify type of modification and at 1852.232-77 Limitation of Funds (Fig. (APR 1984)	* *	ARCH 1989) 52.232-22	2 Limitation	of Fund	ls (Cost Rei	mbursabl	.e)
E. IMPORTANT: Contractor ⊠is not, □] is required to sign th	is document and retu	ırn co	oies to	the issuing	office.	
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ction headings, including s	colicitation/con	tract sub	bject matter w	here feas	ible.)
The purpose of this modification:							
 Incrementally Fund Anne Incrementally Fund Anne Deobligate Funds from A Incrementally Fund Anne Deobligate Funds from A 	ox 4 Fixed Fee in the nnex 4 Estimated C x 5 Firm Fixed price	e amount of (b)(4) Cost in the amount of \$1	of (b)(4 986,433.7				
Except at provided herein, all terms and conditions of the document ref	erenced in Item 9A or 10A, as hereto	ofore changed, remains unchanged	and in full force ar	nd effect.			
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE Wendy L. Fleming				print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES			16C	DATE SIG	NED
		WENDY FLEMING	Digitally signed by WENDY FLE DN: c=US, o=U.S. Government, cn=WENDY FLEMING, 0.9.2342 Date: 2016.08.08 15:05:33 -05V	ou=NASA, ou=People .19200300.100.1.1=wl	le, Iflemin		

(Signature of person authorized to sign)

(Signature of Contracting Officer)

- 3. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$8,483.11.
- 4. Redistributing funds from Annex 4 Estimated Cost to Annex 4 Fixed Fee in the amount of (b)(4)
- 5. Redistributing funds from Annex 5 Fixed Price to Annex 4 Estimated Cost in the amount of (b)(4)
- 6. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 7. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is decreased from \$55,502,756.14 by -\$483.11 to \$55,502,273.03.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Funding
Prior Cumulative Obligations:				\$55,502,756.14
Incrementally Fund : This Action: Deobligate from Annex 4 Cost: Redistribute From Annex 4 to Annex 5: Redistribute From Annex 4 Cost to Annex				\$19,976.00 (\$18,476.00) (\$8,483.11)
4 Fee: Redistribute From Annex 5 to Annex 4:				\$0.00 \$6,500.00
Revised Cumulative Obligations:		(b)(4)		\$55,502,273.03

2. Contract Annex 5 funding is increased from \$133,175,567.83 by \$21,106.26 to \$133,196,674.09.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$133,175,567.83
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:	\$986,433.77 (\$967,310.62) \$8,483.11 (\$6,500.00)
Revised Cumulative Obligations:	\$133,196,674.09

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

1	BASE PERIOD FOR CO	NTRACT YEAR 1	1 AND 2 Including	Exercised options	YFAR's	3 thru 9

(a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$55,502,273.03.

This allotment covers Task Orders 1 through 16EC2-4, from March 1, 2008 through January 20, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,502,273.03.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3042 is \$133,196,674.09.

This allotment covers Delivery Orders 1 through 3042 from March 1, 2008 through April 10, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-

Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-16-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016	\$273,984.23	\$0.00	\$273,984.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016	\$912,194.20	\$0.00	\$912,194.20
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016	\$166,469.00	\$1,395.00	\$167,864.00
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016	\$6,929.66	\$2,000.00	\$8,929.66
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

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FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 C/O-11 / 07/21/2016 CO-12 / 08/08/2016	\$147,384.83	-\$1,000.00	\$146,384.83
FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016	\$71,936.49	\$0.00	\$71,936.49
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016	\$42,414.73	\$1,147.26	\$43,561.99
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$271,385.57	\$0.00	\$271,385.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,851.50	\$39.30	\$28,890.80
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016 CO-9 / 08/08/2016	\$73,179.03	\$614.15	\$73,793.18
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05

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FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016	\$44,324.88	\$19,101.40	\$63,426.28
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-3 / 06/08/2010 CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$142,775.00	\$0.00	\$142,775.00
FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$13,000.00	-\$5,500.00	\$7,500.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35
FY16 NA1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
FY16 NA2 DO DDN Acct	11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,749.64	\$10.11	\$1,759.75
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016	\$191,003.10	\$0.00	\$191,003.10
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016	\$83,389.53	\$0.00	\$83,389.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90	Ţ0.0 0	\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN	10/13/15	09/30/16	CO-1 / 11/10/2015	\$6,293.44		\$6,293.44

NNJ08JA02C Modification 547 Page 7

FY16 ZE1 DO DDN Acct 02/03/16 09/30/16 \$13.04 \$0.00 \$13.04 \$17,807.22

							OMB An	pproval 2700-00
AME	NDMENT OF SOLICITATION/N	MODIFICATION OF		1. CONTRACT	ID CODE		PAGE OF	
2. AMENDME	ENT/MODIFICATION NO. 548	3. EFFECTIVE DATE See Block 16C	4. REQUISITION/PURCHASE RE42005995		5. PF	I ROJECT NO.	. (If applicable	
Institutio	rndon B. Johnson Space Center nal Procurement Office	ВЈ	7. ADMINISTERED BY (If other the Helen Bell, Contract SPH: 281.483.8149 Email: helen.b.bell@I	Specialist	<u> </u>	COL	DE BJ5	
PAE Ap Attn: St 6500 W	ND ADDRESS OF CONTRACTOR (No. Street, county, oplied Technologies LLC ephen Brettel, Program Manager lest Fwy, Suite 600	State and ZIP: Code)	Linaii. Heleii.b.beii@i	(4)	9A. AMENDME 9B. DATED (S	SEE ITEM 11)	
code 1JG	Orth, TX 76116	FACILITY CODE		X	NNJ08JA 10B. DATED (01/03/200	A02C (SEE ITEM 1		
CODE 100			AMENDMENTS OF SOLICI	TATIONS	01/00/200			
Offers must (a) By comp separate lett DESIGNATE you desire t amendment.	we numbered solicitation is amended as set forth acknowledge receipt of this amendment prior to oleting Items 8 and 15, and returning one (1) of the returning one of the returning of the received prior to the opening hour and dispersions.	the hour and date specified in topy of the amendment; (b) It is solicitation and amendment O THE HOUR AND DATA Sange may be made by teleg	the solicitation or as amended, By acknowledging receipt of thi t numbers. FAILURE OF YOUI PECIFIED MAY RESULT IN RE	by one of the f s amendment R ACKNOWLE EJECTION OF	ollowing metho on each copy DGMENT TO YOUR OFFER	of the offer BE RECEI I. If by virti	r submitted; VED AT TH ue of this an	E PLACE nendment
SEE SCH	TING AND APPROPRIATION DATA (If required)		Net Increa	ase: \$1	,150,434.13	3		
	13. THIS ITEM APPLIE IT MODIFIES THE		FICATIONS OF CO ER NO. AS DESCRI			RS,		
(4) A								
8	B. THE ABOVE NUMBERED CONTRACT/ORDI SET FORTH IN ITEM 14, PURSUANT TO THE AUT C. THIS SUPPLEMENTAL AGREEMENT IS EN	HORITY OF FAR 43.103(b).		ES (such as cha	anges in paying (office, appro	opriation date	, etc.)
X 1	O. OTHER: Specify type of modification and autil 852.232-77 Limitation of Funds (Fix APR 1984)		ARCH 1989) 52.232-22	Limitation	of Funds (C	Cost Reir	nbursable	;)
E. IMPC	ORTANT: Contractor ⊠is not, □	is required to sign th	nis document and retur	rn co	pies to the	issuing	office.	
	RIPTION OF AMENDMENT/MODIFICATION Oose of this modification: 1. Incrementally Fund Annex		_	olicitation/cor	ntract subject	matter w	here feasil	ole.)
	Incrementally Fund Annex Deobligate Funds from Ar	4 Fixed Fee in the	e amount of (b)(4	(b)(4))			
	2. Incrementally Fund Annex Deobligate Funds from An							

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Aneesah K. Vaughn, Contracting Officer	(Type or print)
		0 / 0	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
			y ANEESAH VAUGHN Gdyermment, ou=NASA, ou=People, cn=ANEESAH VAUGHN, D.100.1.1=akvaughn 16/b8:29 -05'00'
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

- 3. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$100.00.
- 4. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,502,273.03 by \$78,962.12 to \$55,581,235.15.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,502,273.03
Incrementally Fund : This Action: Deobligate from Annex 4 Cost: Redistribute From Annex 4 to Annex 5:				\$82,062.12 (\$3,000.00) (\$100.00) \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,581,235.15

2. Contract Annex 5 funding is increased from \$133,196,674.09 by \$1,071,472.01 to \$134,268,146.10.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$133,196,674.09
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5:	\$1,080,595.01 (\$9,223.00) \$100.00
Revised Cumulative Obligations:	\$134,268,146.10

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value

identified on each task order represents the amount subject to the Limitation of Funds clause.

ı	BASE DEDIOD FOR	CONTRACT VEAR	1 AND 2 Incl	uding Evereiged	ontions VEAD's	2 thru 0
١.	BASE PERIOD FOR	CONTRACT TEAR	I AND 2 INCI	uding Exercised	Sphons IEAR S	o tiiru 9.

(a) The estimated cost of Annex 4 is (b)(4). The maximum available award fee is (b)(4). The fixed-fee is (b)(4). The total estimated cost, maximum award fee, and fixed-fee are \$55,581,235.15

This allotment covers Task Orders 1 through 16CX1-6, from March 1, 2008 through January 24, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,581,235.15.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(b)(4) The maximum available fixed fee is \$162,227.37.

This allotment covers Task Orders <u>74-Recovery Act</u>, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) as obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 2985-4 is \$134,268,146.10.

This allotment covers Delivery Orders 1 through 2985-4 from March 1, 2008 through April 10, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-11-Recovery Act, 1011-11-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-

Recovery Act, 1995-2-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-18-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016	\$273,984.23	\$0.00	\$273,984.23
FY16 CD1 DO DDN Acct	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016	\$912,194.20	\$388.00	\$912,582.20
FY16 CX1 DO DDN Acct	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016	\$167,864.00	\$51,700.00	\$219,564.00
FY16 EA1 DO DDN Acct	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016	\$8,929.66	\$0.00	\$8,929.66
FY16 EA5 DO DDN Acct	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45
FY16 EC1 DO DDN Acct	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 CO-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016	\$146,384.83	\$2,027.00	\$148,411.83

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FY16 EC2 DO DDN Acct	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016	\$71,936.49	-\$3,750.00	\$68,186.49
FY16 EG1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016	\$43,561.99	\$0.00	\$43,561.99
FY16 EP1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$271,385.57	\$0.00	\$271,385.57
FY16 ER1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
FY16 ES1 DO DDN Acct	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89
FY16 EV1DO DDN Acct	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016	\$73,793.18	\$100.00	\$73,893.18
FY16 GA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016	\$63,426.28	\$0.00	\$63,426.28
FY16 JA1 DO DDN Acct	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$142,775.00	\$0.00	\$142,775.00

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FY16 JB1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct	02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$7,500.00	\$0.00	\$7,500.00
FY16 JP1 DO DDN Acct	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35
FY16 NA1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
FY16 NA2 DO DDN Acct	11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,759.75	\$0.00	\$1,759.75
FY16 OA1 DO DDN Acct	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016	\$191,003.10	\$0.00	\$191,003.10
FY16 OD1 DO DDN Acct	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct	11/02/15	09/30/16		\$10,986.16	\$0.00	\$10,986.16
FY16 SA2 DO DDN Acct	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016	\$205,403.94	\$0.00	\$205,403.94
FY16 SF1 DO DDN Acct	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016	\$83,389.53	\$11,280.00	\$94,669.53
FY16 SK1 DO DDN Acct	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX 1DO DDN	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
Acct						

OMB Approval 2700-0042 1. CONTRACT ID CODE OF PAGES PAGE AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) See Block 16C 4200599344 549 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Email: helen.b.bell@nasa.gov Houston, TX 77058 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO. PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwv. Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C X 10B. DATED (SEE ITEM 13) 1JGQ2 **FACILITY CODE** 01/03/2008 THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and data specified. 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net Increase: \$990,354.22 THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM 10A. (4) THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b). C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, I is required to sign this document and return. copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund BASE Estimated Cost in the amount of Incrementally Fund BASE Award Fee in the amount of 2. Clause B.4 – CUMULATIVE VALUE AND FUNDING (NFS 1852.232-81)(JUN 1990)(not Annexes 4 and 5) is hereby modifies and replaced by the attached. See Page 2 Except at provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICEI Aneesah K. Vaughn , Contracting Officer	R (Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ANEESAH VAUGHN Digitally signed by ANEESA Di	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

1. Contract Base funding is increased from \$298,041,240.35 by \$990,354.22 to \$299,031,594.57.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (h)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: **September 15, 2016**.

(b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.

(c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

			1. CONTRACT	D CODE	PAGE C	OF PAGES
AMENDMENT OF SOLICITATION	N/MODIFICATION O	F CONTRACT			1	17
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.	5. PROJEC	T NO. (If applicab	1
550	See Block 16C	N/A				
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)	'	CODE B	J5
NASA Lyndon B. Johnson Space Cente	er	Helen B. Bell, Con	tract Specia	alist		
Institutional Procurement Office		PH: 281.483.8149	Fax: 281.4	83.37027		
Houston, TX 77058		Email: Helen.B.Be	ll@nasa.go	V		
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county,	State and ZIP: Code)		(4)	9A. AMENDMENT O	F SOLICITATION	NO.
CSC Applied Technologies LLC						
Attn: Michael J. Matteson, Program Ma	nager			9B. DATED (SEE IT	EM 11)	
6500 West Fwy, Suite 600				101 MODIFICATION		
Fort Worth, TX 76116				10A. MODIFICATION NNJ08JA02		JRDER NO.
			X	10B. DATED (SEE I		
CODE	FACILITY CODE			01/03/2008		
_	S ITEM ONLY APPLIES TO					
The above numbered solicitation is amended as set fo				<i>-</i>	extended.	
Offers must acknowledge receipt of this amendment prior t	•		, ,	0		
(a) By completing Items 8 and 15, and returning one (1) colletter or telegram which includes a reference to the so						
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR	TO THE HOUR AND DATA S	PECIFIED MAY RESULT IN F	REJECTION OF	YOUR OFFER. If b	y virtue of this a	amendment
you desire to change an offer already submitted, such amendment, and is received prior to the opening hour and		ram or letter, provided each	telegram or lette	er makes reference	to the solicitation	on and this
12. ACCOUNTING AND APPROPRIATION DATA (If required)	·					
	PLIES ONLY TO MO				S,	
IT MODIFIES T	HE CONTRACT/OF	RDER NO. AS DES	CRIBED I	N ITEM 14.		
(4) A. THIS CHANGE ORDER IS ISSUED PURSUA	ANT TO: (Specify authority) THE	CHANGES SET FORTH IN ITE	EM 14 ARE MADE	IN THE CONTRACT	ORDER NO. IN	ITEM 10A.
B. THE ABOVE NUMBERED CONTRACT/ORD SET FORTH IN ITEM 14, PURSUANT TO THE			iES (such as char	nges in paying office, a	appropriation date	, etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS EN	TERED INTO PURSUANT TO A	JTHORITY OF:				
2 071152 0 1/4 1/4 1/4	4 2 2					
X D. OTHER: Specify type of modification and au 52.222-43-Fair labor Standards Act and Service		t (Multiple Year and Option Co	ntracts)			
E. IMPORTANT: Contractor is no	t, 🛛 is required to	sign this document	and return	copies to	the issuina	office.
14. DESCRIPTION OF AMENDMENT/MODIFICA						
The purpose of this modification is to replace						
contract year 10. The contract year's 1-8 rem		a nome and cooler b.	TTT IXOUT II	30 1D1Q 101 0011t	raot your o t	mougn
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF	CONTRACTING	OFFICER (Type or	print)	
B 1 K 0 W 0			.,		***	
Dennis K. Smith, Contracts Mana	ager 15C. DATE SIGNED	Aneesah K. 16B. UNITED STATES OF	Vaughn, C	ontracting O	fficer DATE SIGNER)
Digitally signed by DENIN	S SMITH (affiliate) nent. ou=NASA. ou=People. 0.9.2342.19200300.100.1.1=dksmith4			Digitally signed by ANEESAH VAUGHN DN: c=US, o=U.S. Government, ou=NASA,	ou=People, cn=ANEESAH VAUGHN,	
DLINING SIVILLI (all lial C) cn=DENNIS SMITH (affilia	te)	ANELSAH VAC		0.9.2342.19200300.100.1.1=akvlaughn Date: 2016.08.24 13:42:20 -05'00'	Jrrusculari VAUGIIN,	
(Signature of person authorized to sign) NSN 7540-01-152-8070	I	30-105	Contracting Office	STAN	DARD FORM 30	(REV. 10-83
PREVIOUS EDITION UNUSABLE	COMPUT	TER GENERATED		Presc	ribed by GSA	

B.10 PRE-PRICED ITEMS

B.10 identifies the items for which the Government is requesting pre-priced values. These values will be used when the Government purchases one or more of these items through Annex 5. The definition for each B.10 line item is identified in each appropriate annex.

	ems for which the Government is requesting properties of these items through Annex 5. The defin			
buichases one of the	ore of these items through Allilex 3. The delin	CY 1 [] CY 2 [] CY 3 [] CY 4 []	CY 6 [] CY 7 [] CY 8 [] CY 9 [X]	priate arries.
		CY 5 []	CY 10 []	
PRE-PRICED ITEM	DESCRIPTION	UNIT	COST PER UNIT QUANTITY	TOTAL
IDENTIFIER				
5.3a	Cap floor receptacle	Receptacle		
5.3b	Activate floor receptacle	Receptacle		
5.3c	Install new floor receptacle	Receptacle		
5.3d	Install new floor receptacle on asbestos vinyl tile	Receptacle		
5.3e	Construct two sided gyp board wall (up to 10')	Square Foot		
5.3f	Paint existing interior metal, masonry, or gypsum board walls or ceilings	Square Foot		
5.3g	Paint existing metal or wood door	Square Foot	(1-) (4)	
5.3h	Install new 3'x7' door, hardware, and frame in new wall	Door	(b)(4)	
5.3i	Install new 3'x7' door, hardware and frame in existing wall	Door		
5.3j	Substitute a solid wood walnut door instead of a birch door described in Table 5.4i	Door		
5.3k	Provide and install a keyed lock in a door	Lock		
5.3l	Provide and Install Mortise Cypher Lock in a door Tile	Lock		

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5.3m 5.3m1	Remove/Replace 12"x12" (large area) Remove/Replace 9"x9" (small area)	Square Foot Square Foot		
5.3m2	Set up and removal of containment	Linear Foot		
5.3m3	Install carpet	Square Foot		
5.3n	Remove/replace exposed aggregate concrete sidewalk	Square Foot		
5.30	Remove/replace broom finish concrete sidewalk	Square Foot		
5.3p	Install new 4" deep broom finish concrete sidewalk	Square Foot		
5.3q	Hang Government Furnished Fire Extinguisher	Fire Extinguisher		
5.3ee.1	JPR #I-1 Asbestos Abatement	Square Foot		
5.3ee.2	JPR #I-2 Asbestos Abatement	Square Foot		
5.3ee.3	JPR #I-3 Asbestos Abatement	10 Square Inches		
5.3ee.4	JPR #II-1 Asbestos Abatement	Square Foot		
5.3ee.5	JPR #II-2 Asbestos Abatement	Square Foot	(b)(4)	
5.3ee.6	JPR #III-4 Asbestos Abatement	Square Foot	(b)(4)	
5.3ee.7	JPR #III-5 Asbestos Abatement	Square Foot		
5.3ee.8	JPR #III-7 Asbestos Abatement	10 Square Inches		
5.3ee.9	JPR #III-10 Asbestos Abatement	Square Foot		
5.3ee.10	JPR #III-11 Asbestos Abatement	Square Foot		
5.3 ff.	Hurricane Plan Support			
5.3 ff.1	Hurricane Plan Review	Each		
5.3 ff.2	Provide Water	Each		
5.3 ff.3	Support for Hurricane Level 5	Each		
5.3 ff.4	Support for Hurricane Level 4	Each		
5.3 ff.5	Participate in Hurricane Exercise	Each		
5.3 ff.6	Support for Hurricane Levels 3 and 2	Each		
5.3 gg.	Power Washing	100 Sq ft		
5.3 hh.	Site Sweeping	JSC site		
5.3 ii.1	Facility Condition Assessment (FCA)			
5.3 ii.2	FCA Inspections – Roofs	Each		
5.3 ii.3	FCA Inspection - Building Exteriors	Each		

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Contract No.	NNJ08JA02C
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5.3 ii.4	FCA Inspection - Roads, Parking Areas and EF	Each		l		I
	Aprons	Eauli				
5.3 ii.5	FCA Inspection – Sidewalks	Each				
5.3 ii.6	FCA Inspection – Fences	Each				
5.3 ii.7	FCA Inspection - Sanitary Sewer System	Each				
5.3 ii.8	FCA Inspection - Storm Water Collection System	Each				
5.3 ii.9	FCA Inspection – Facilities, Utilities, and Structures	Each				
5.3jj.1	Painting					
5.3jj.2	Crosswalk Painting	Square Foot				
5.3 jj.3	Street and Parking Lot Markings	Linear Foot				
5.3 jj.4	Water and Gas System Appurtenances	Device				
5.3jj.5	Exterior and Miscellaneous Painting	Square Feet				
5.3 jj.6	Security Bollard and Staples Painting	Bollard/Staple				
5.3 kk.1	Traffic Control, Warning and Hazard Signs					
5.3 kk.2	Reserved Parking Space Designations (Stenciled)	Each	(b)(4)			
5.3 kk.3	Reserved Parking Space Designations (Reattach Metal Name Plates)	Each				
5.3 kk.4	Reserved Parking Space Designations (Replace or Provide New Metal Name	Each				
5.3 kk.5	Re-secure Loose Existing Traffic Signs	Each				
5.3 kk.6	Replace Traffic Control Signs	Each			ĺ	
5.3 kk.7	Provide New Traffic Control Signs and Mounting Posts	Each				
5.3 kk.8	Permanently Mounted Road Surface Markers	Each				
5.3 kk.9	Interior and Exterior Warning and Hazard Signs	Each				
	Signs					
5.3kk10	Build/install starter plates	Each				
5.3kk11	Provide name plate/numbers	Each				
5.3kk12	Provide/install name plate/numbers	Each				

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Contract No. NNJ08JA02C SECTION B

5.3 II. 5.3 mm.	Pre-Cast Exposed Aggregate Faced (PEAF) Panel Rehabilitation Nitrogen Delivery (Labor)	100 Square foot Delivery	(b)(4)		
PRICED	•	•			1
DELIVERY ORD	ER				
VALUE =				\$	

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PRE-PRICED ITEM	BOARD AND PICTURE	COST TO	COST TO	COST TO	COST TO	TOTAL
IDENTIFIER	DESCRIPTION AND UNIT	PROVIDE	INSTALL (Annex	REMOVE ONLY	RELOCATE	
		(Table	5.3x.2)	(Table 5.3x.3)	ONLY (Table	
		5.3x.1))			5.3x.4)	_
	Government Furnished					
5.3r	Pictures					
5.3s	3'x2' White Board					
5.3t	4'x3' White Board					
5.3u	6'x4' White Board					
5.3v	3'x2' Bulletin Board					
5.3w	4'x3' Bulletin Board					
5.3x	6'x4' Bulletin Board					
5.3y	3'x2' Fabric Board					
5.3z	4'x3' Fabric Board					
5.3aa	6'x4' Fabric Board					
5.3bb	8'x4' Fabric Board					
5.3cc	4'x3' Magnetic Board					
5.3dd	6'x4' Magnetic Board					

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Contract No. NNJ08JA02C

SECTION B

Pre-Priced Design Costs for projects with an estimated construction value less than \$200,001:

The Thood Bodgir Cooks for projects with an commuted constitution value loss than \$200,001.							
5.2		Pre-Priced I	Design Costs F	For Projects With a	a Given Construc	ction Cost Range	
Design Complexity	\$0 - \$2.5K	\$2.5K - \$5K	\$5K – 10K	\$10K - \$25K	\$25K - \$50K	\$50K - \$100K	\$100K- \$200K
l							
Simple Routine							
Routine							
Complex							

Note: ID/IQ Designs that are funded by Annex 5 Delivery Orders or Annex 4 Delivery Orders have total cost limitations for the design, field investigation, reproduction and others as set by the Federal Acquisition Regulations (FAR) and the recommendations set forth by RS Means Facilities Construction Cost Data Reference, Architectural Fees for new and existing facilities, which is typically a percentage of the construction cost value. All Pre-Priced Designs shall be funded as Annex 5 Delivery Orders. Definitions:

Simple: Designs that only require a single architectural or engineering discipline to develop the final design package.

Routine: Designs that involve more than one architectural or engineering discipline to develop the final design package.

Complex: Designs that involve more than one architectural or engineering discipline and requires one or more of the following: requires specialized engineering support from a sub-contractor (such as fire protection, high pressure systems, geo-technical, etc.), requires the development of multiple design options, phased projects, or soil boring to develop the final design package.

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	ore of these items through Annex 5. The defin	CY 1 [] CY 2 [] CY 3 [] CY 4 [] CY 5 []	CY 6[] CY 7[] CY 8[] CY 9[] CY 10 [X]	
PRE-PRICED ITEM	DESCRIPTION	UNIT	COST PER UNIT QUANTITY	TOTAL
IDENTIFIER				
5.3a	Cap floor receptacle	Receptacle		
5.3b	Activate floor receptacle	Receptacle		
5.3c	Install new floor receptacle	Receptacle		
5.3d	Install new floor receptacle on asbestos vinyl tile	Receptacle		
5.3e	Construct two sided gyp board wall (up to 10')	Square Foot		
5.3f	Paint existing interior metal, masonry, or gypsum board walls or ceilings	Square Foot		
5.3g	Paint existing metal or wood door	Square Foot	(1.) (4)	
5.3h	Install new 3'x7' door, hardware, and frame in new wall	Door	(b)(4)	
5.3i	Install new 3'x7' door, hardware and frame in existing wall	Door		
5.3j	Substitute a solid wood walnut door instead of a birch door described in Table 5.4i	Door		
5.3k	Provide and install a keyed lock in a door	Lock		
5.3l	Provide and Install Mortise Cypher Lock in a door Tile	Lock		

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5.3m	Remove/Replace 12"x12" (large area)	Square Foot		1	1	
5.3m1	Remove/Replace 9"x9" (small area)	Square Foot				Ш
5.3m2	Set up and removal of containment	Linear Foot				Ш
5.3m3	Install carpet	Square Foot				ш
5.3n	Remove/replace exposed aggregate concrete sidewalk	Square Foot				1.
5.30	Remove/replace broom finish concrete sidewalk	Square Foot				
5.3p	Install new 4" deep broom finish concrete sidewalk	Square Foot				
5.3q	Hang Government Furnished Fire Extinguisher	Fire Extinguisher				
5.3ee.1	JPR #I-1 Asbestos Abatement	Square Foot				1'
5.3ee.2	JPR #I-2 Asbestos Abatement	Square Foot				
5.3ee.3	JPR #I-3 Asbestos Abatement	10 Square Inches				
5.3ee.4	JPR #II-1 Asbestos Abatement	Square Foot				
5.3ee.5	JPR #II-2 Asbestos Abatement	Square Foot	(1. \ (.4\)			
5.3ee.6	JPR #III-4 Asbestos Abatement	Square Foot	(b)(4)			
5.3ee.7	JPR #III-5 Asbestos Abatement	Square Foot				
5.3ee.8	JPR #III-7 Asbestos Abatement	10 Square Inches				
5.3ee.9	JPR #III-10 Asbestos Abatement	Square Foot				
5.3ee.10	JPR #III-11 Asbestos Abatement	Square Foot				
5.3 ff.	Hurricane Plan Support					
5.3 ff.1	Hurricane Plan Review	Each				
5.3 ff.2	Provide Water	Each				Ш
5.3 ff.3	Support for Hurricane Level 5	Each				
5.3 ff.4	Support for Hurricane Level 4	Each				
5.3 ff.5	Participate in Hurricane Exercise	Each				Ι.
5.3 ff.6	Support for Hurricane Levels 3 and 2	Each				
5.3 gg.	Power Washing	100 Sq ft				
5.3 hh.	Site Sweeping	JSC site				
5.3 ii.1	Facility Condition Assessment (FCA)					- ['
5.3 ii.2	FCA Inspections – Roofs	Each				
5.3 ii.3	FCA Inspection - Building Exteriors	Each				

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0	NI-	KIKI	100	14000
Contract	INΩ	NIN.	IOX.	IAUZU

5.3 ii.4	FCA Inspection - Roads, Parking Areas and EF	Each		1	
	Aprons				Ш
5.3 ii.5	FCA Inspection – Sidewalks	Each			
5.3 ii.6	FCA Inspection – Fences	Each			Ш
5.3 ii.7	FCA Inspection - Sanitary Sewer System	Each			
5.3 ii.8	FCA Inspection - Storm Water Collection System	Each			
5.3 ii.9	FCA Inspection – Facilities, Utilities, and Structures	Each			Ι,
5.3jj.1	Painting				
5.3jj.2	Crosswalk Painting	Square Foot			
5.3 jj.3	Street and Parking Lot Markings	Linear Foot			Ι.
5.3 jj.4	Water and Gas System Appurtenances	Device			
5.3jj.5	Exterior and Miscellaneous Painting	Square Feet			Ш
5.3 jj.6	Security Bollard and Staples Painting	Bollard/Staple			Ш
5.3 kk.1	Traffic Control, Warning and Hazard Signs				- 1 '
5.3 kk.2	Reserved Parking Space Designations (Stenciled)	Each	(b)(4)		
5.3 kk.3	Reserved Parking Space Designations (Reattach Metal Name Plates)	Each			
5.3 kk.4	Reserved Parking Space Designations (Replace or Provide New Metal Name	Each			
5.3 kk.5	Re-secure Loose Existing Traffic Signs	Each			
5.3 kk.6	Replace Traffic Control Signs	Each			
5.3 kk.7	Provide New Traffic Control Signs and Mounting Posts	Each			
5.3 kk.8	Permanently Mounted Road Surface Markers	Each			
5.3 kk.9	Interior and Exterior Warning and Hazard Signs	Each			
	Signs				Ι.
5.3kk10	Build/install starter plates	Each			
5.3kk11	Provide name plate/numbers	Each			
5.3kk12	Provide/install name plate/numbers	Each			

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Contract No. NNJ08JA02C SECTION B

5.3 II. 5.3 mm.	Pre-Cast Exposed Aggregate Faced (PEAF) Panel Rehabilitation Nitrogen Delivery (Labor)	100 Square foot Delivery	(b)(4)		
PRICED	•				Ľ
DELIVERY ORD	ER				
VALUE =				\$	

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PRE-PRICED ITEM	BOARD AND PICTURE	COST TO	COST TO	COST TO	COST TO	TOTAL
IDENTIFIER	DESCRIPTION AND UNIT	PROVIDE	INSTALL (Annex	REMOVE ONLY	RELOCATE	
		(Table	5.3x.2)	(Table 5.3x.3)	ONLY (Table	
		5.3x.1))			5.3x.4)	
	Government Furnished					1
5.3r	Pictures					
5.3s	3'x2' White Board					
5.3t	4'x3' White Board					
5.3u	6'x4' White Board					
5.3v	3'x2' Bulletin Board					
5.3w	4'x3' Bulletin Board					
5.3x	6'x4' Bulletin Board					
5.3y	3'x2' Fabric Board					
5.3z	4'x3' Fabric Board					
5.3aa	6'x4' Fabric Board					
5.3bb	8'x4' Fabric Board					
5.3cc	4'x3' Magnetic Board					
5.3dd	6'x4' Magnetic Board					

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Contract No. NNJ08JA02C

SECTION B

Pre-Priced Design Costs for projects with an estimated construction value less than \$200,001:

1 1e-1 ficed Design Costs for projects with an estimated construction value less than \$200,001.							
5.2		Pre-Priced Design Costs For Projects With a Given Construction Cost Range					
Design Complexity	\$0 - \$2.5K	\$2.5K - \$5K	\$5K – 10K	\$10K - \$25K	\$25K - \$50K	\$50K - \$100K	\$100K- \$200K
Simple							
Routine Complex							

Note: ID/IQ Designs that are funded by Annex 5 Delivery Orders or Annex 4 Delivery Orders have total cost limitations for the design, field investigation, reproduction and others as set by the Federal Acquisition Regulations (FAR) and the recommendations set forth by RS Means Facilities Construction Cost Data Reference, Architectural Fees for new and existing facilities, which is typically a percentage of the construction cost value. All Pre-Priced Designs shall be funded as Annex 5 Delivery Orders. Definitions:

Simple: Designs that only require a single architectural or engineering discipline to develop the final design package.

Routine: Designs that involve more than one architectural or engineering discipline to develop the final design package.

Complex: Designs that involve more than one architectural or engineering discipline and requires one or more of the following: requires specialized engineering support from a sub-contractor (such as fire protection, high pressure systems, geo-technical, etc.), requires the development of multiple design options, phased projects, or soil boring to develop the final design package.

(End of Clause)

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B.11 FIXED PRICE ID/IQ PROPOSAL RATES
REVISED - CONTRACT YEAR 5 WAGE ADJUSTMENT
This table provides for the applicable sum of labor wage rates (including employer paid fringe benefits) without overhea applied.

ID/IO Rate Labor Cost (Apply 5 Fixed Sci.)

D/IQ Bare Labor Cost (Annex 5 Fixed Pr	ice)		
Required of the Prime Contractor			
	[] Contract Year 1	[] Contract Year 6	
	[] Contract Year 2	[] Contract Year 7	
	[] Contract Year 2	[] Contract Year 7	
	[] Contract Year 3		
	[] Contract Year 5	[X] Contract Year 9	
	[] Contract rear 5	[] Contract rear to	
			Straight Time Rate +
			Hourly Fringe
NASA (JSC)	Straight Time Rate	Hourly Fringe	Rate
Standard Labor Category (SLC)			
Program Manager			
Manager			
Supervisor			
Technician III			
Technician II Technician I			
rechnician i Craft III			
Craft II			
Craft I			
Laborer			
IT Professional			
Drafter III			
Drafter II			
Drafter I			
Driver			
Safety Manager			
Safety Engineer			
Quality Engineer II			
Quality Engineer I			

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Contract No. NNJ08JA02C

SECTION B

B.11 FIXED PRICE ID/IQ PROPOSAL RATES REVISED - CONTRACT YEAR 5 WAGE ADJUSTMENT This table provides for the applicable sum of labor wage rates (including employer paid fringe benefits) without overhea applied. Engineer III Engineer II Engineer I Administration Specialist III Administration Specialist I Business Specialist I Business Specialist I System Operator I System Operator I

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B.11 FIXED PRICE ID/IQ PROPOSAL RATES
REVISED - CONTRACT YEAR 5 WAGE ADJUSTMENT
This table provides for the applicable sum of labor wage rates (including employer paid fringe benefits) without overhea applied.

ID/IO Rate Labor Cost (Apply 5 Fixed Sci.)

D/IQ Bare Labor Cost (Annex 5 Fixed Pr	rice)		
Required of the Prime Contractor			
	[] Contract Year 1	[] Contract Year 6	
	[] Contract Year 2	[] Contract Year 7	
	[] Contract Year 2	[] Contract Year 7	
	[] Contract Year 3		
		[] Contract Year 9	
	[] Contract Year 5	[X] Contract Year 10)
			Straight Time Rate +
			Hourly Fringe
NASA (JSC)	Straight Time Rate	Hourly Fringe	Rate
Standard Labor Category (SLC)			
Program Manager			
Manager			
Supervisor			
Technician III			
Technician II			
Technician I			
Craft III			
Craft II			
Craft I			
Laborer			
IT Professional			
Drafter III			
Drafter II Drafter I			
Dratter i Driver			
Safety Manager			
Safety Engineer			
Quality Engineer II			
Quality Engineer I			

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Contract No. NNJ08JA02C

SECTION B

B.11 FIXED PRICE ID/IQ PROPOSAL RATES

REVISED - CONTRACT YEAR 5 WAGE ADJUSTMENT

This table provides for the applicable sum of labor wage rates (including employer paid fringe benefits) without overhea applied.

Engineer III Engineer II Engineer I
Administration Specialist III
Administration Specialist III
Administration Specialist I Business Specialist II Business Specialist I System Operator II System Operator I

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AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT	CONTRACT ID CODE	P/	AGE OF	PAGES	
AMENDMENT/MODIFICATION NO.	4. REQ	UISITION/PURCHASE REQ. NO.	5 PROJ	1 IECT NO	2. (If applicable)
000551 See Block 16C	N/A				(A Sppilosio)
6. ISSUED BY CODE JSC	7. ADN	INISTERED BY (If other than Item 6)	CODE	JSC	
NASA/Johnson Space Center Attn: Helen Bell/BJ5 2101 NASA Parkway Houston TX 77058-3696	Hele 2101	A/Johnson Space Center en B. Bell NASA Parkway ston TX 77058-3696	;		And a second control of the second control o
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)	/A 9A.	AMENDMENT OF SOLICITATION NO			
PAE Applied Technologies LLC	(x)				
6500 West Freeway Ste 600	9B.	DATED (SEE ITEM 11)			··············
Fort Worth TX 76116-2118					
	x 10A NN	MODIFICATION OF CONTRACT/ORDER NO	0.		
	_	DATED (SEE ITEM 13)			
CODE 1JGQ2 FACILITY CODE	0:	1/03/2008			19
11. THIS ITEM ONLY APPLIES TO. The above numbered solicitation is amended as set forth in Item 14. The hour and date spec					
Offers must acknowledge receipt of this amendment prior to the hour and date specified in the flems 8 and 15, and returning copies of the amendment; (b) By acknowle separate letter or telegram which includes a reference to the solicitation and amendment numl THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND D virtue of this amendment you desire to change an offer already submitted, such change may be reference to the solicitation and this amendment, and is received prior to the opening hour and 12. ACCOUNTING AND APPROPRIATION DATA (If required) N/A	edging rece bers. FAI ATE SPEC be made b	pipt of this amendment on each copy of the offi LURE OF YOUR ACKNOWLEDGEMENT TO CIFIED MAY RESULT IN REJECTION OF YOU I telegram or letter, provided each telegram	er submitt BE RECE IR OFFER	ed; or (c IVED AT) By
13. THIS ITEM ONLY APPLIES TO MODIFICATION OF CONTRACTS/ORDER	RS. IT MO	DIFIES THE CONTRACT/ORDER NO. AS DES	CRIBED	IN ITEM	14.
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE ORDER NO. IN ITEM 10A.	E CHANGE	S SET FORTH IN ITEM 14 ARE MADE IN TH	IE CONTR	RACT	
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUT	THE ADM	INISTRATIVE CHANGES (such as changes in DF FAR 43.103(b).	n paying o	iffice,	
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO A	UTHORIT	Y OF:			
D. OTHER (Specify type of modification and authority)			······································		
X Mutual Agreement of the Parties					
E. IMPORTANT: Contractor is not. X is required to sign this document an	d return _	1 copies to the issuing	office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, inc	cluding so	licitation/contract subject matter where feasible	e.)		
The purpose of this modification is to revise Se Performance Evaluation C-1.	ection	J Attachment C. Table	5.0 2	Awaro	l Fee
See Page 2.	ř.				
Payment Terms: Net 30 days					
Everet as assisted basis all towns and as all to the state of the stat	-				
Except as provided herein, all terms and conditions of the document referenced in Item 9 A or 10, 15A. NAME AND TITLE OF SIGNER (Type or print)		tofore changed, remains unchanged and in ful AME AND TITLE OF CONTRACTING OFFICE	^-		
Dennis K. Smith, Contracts Mar		sah K. Vaughn	r. (rype (oi print)	
15B. CONTRACTOR/OFFEROR 15C. DATE SIGNED 9/13/16	١.	NEESAH VAUGHN	igitally signed N: c=US, o=U.S n=ANEESAH V/ ate: 2016.09.13	by ANEESAH 5. Governmer AUGHN, 0.9.2	it, ou=NASA, ou=People, 342.19200300.100.1.1=akvaughn

NSN 7540-01-152-8070 Previous edition unusable Contract NNJ08JA02C Mod 551 Page 2

A. Table 5.0 Award Fee Performance Evaluation C-1 is updated

From:

				BLE 5.0) Award Fee Performance Evaluation Fact				
#	Weighting Factor %	Factor	Poor Score = 60 or below	Satisfactory Score = 70	Good Score = 80	Very Good Score = 90	Excellent Score = 100	Surveillance Method
C-1		Cost overrun of 15% or more	Costs 14% overrun to 10% overrun cost target	Costs 9.5% overrun to 5% overrun cost target	Costs 4.5% overrun to 2% below cost target	Costs 3-8% below cost target	Utilize JSC standard cost evaluation chart for Award Fee period only	10

To:

	(TABLE 5.0) Award Fee Performance Evaluation Performance Evaluation Factors – Award Fee								
#	Weighting Factor %	Factor	Poor Score = 60 or below	Satisfactory Score = 70	Good Score = 80	Very Good Score = 90	Excellent Score = 100	Surveillance Method	
*C-1									

^{*}The Contractor's performance will be evaluated based on how closely the estimates aligns with the baseline at the end of the period.

AMENDMENT OF SOLICITATION	N/MODIFICATION OF	CONTRACT	1. CONTRACT	ID CODE	PAGE O	F PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	PEO NO	le poe	1 1	7
552	See Block 16C	420060		J. PRC	DJECT NO. (If applicable	")
6. ISSUED BY COD	E BJ	7. ADMINISTERED BY (If other	r than item 6)	L	CODE BJ5	
NASA Lyndon B. Johnson Space Cente	r	Helen Bell, Contrac	t Specialist			
Institutional Procurement Office		PH: 281.483.8149				
Houston, TX 77058		Email: helen.b.bell(@nasa.gov			
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, court	ty, State and ZIP: Code)		(4)	9A. AMENDMEN	IT OF SOLICITATION N	ю.
PAE Applied Technologies LLC						
Attn: Stephen Brettel, Program Manage	er			9B. DATED (SE	E ITEM 11)	
6500 West Fwy, Suite 600				10A MODIEICA	TION OF CONTRACT/O	TOTO NO
Fort Worth, TX 76116			l x	NNJ08JA		KUEK NO.
CODE 1JGQ2	EAGUISTI 6000		^ ^	10B. DATED (S		
	FACILITY CODE	ALAEN OLONG		01/03/2008		
The above numbered solicitation is amended as set fo	ITEM ONLY APPLIES TO					
Offers must acknowledge receipt of this amendment prior						
(a) By completing Items 8 and 15, and returning one (1						(a) D
separate letter or telegram which includes a reference to	the solicitation and amendmen	t numbers. FAILURE OF YO	N IR ACKNOWLE	DOMENT TO BE	E DECENCO AT TO	EDIACE
DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such	TO THE HOUR AND DATA S change may be made by teleg	PECIFIED MAY RESULT IN ram or letter, provided each	REJECTION OF telegram or letter	YOUR OFFER. er makes referer	If by virtue of this an	nendment
amendment, and is received prior to the opening hour and	data specified.				TO TO THE GOINITERIOR	T CHO USS
12. ACCOUNTING AND APPROPRIATION DATA (If required)			4			
SEE SCHEDULE		Net Incr		63,405.16		
13. THIS ITEM APPLI IT MODIFIES THE	ES ONLY TO MODI CONTRACT/ORD	FICATIONS OF CO ER NO. AS DESCO	ONTRACTS	S/ORDERS FEM 14.	5,	
(4) A. THIS CHANGE ORDER IS ISSUED PURSI	JANT TO: (Specify authority) TH	E CHANGES SET FORTH IN I	TEM 14 ARE MADI	E IN THE CONTR	RACT/ORDER NO. IN I	TEM 10A.
B. THE ABOVE NUMBERED CONTRACT/OR SET FORTH IN ITEM 14, PURSUANT TO THE A	DER IS MODIFIED TO REFLECT	THE ADMINISTRATIVE CHAN	IGES (such as chai	nges in paying off	ice, appropriation date,	etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS E		UTHORITY OF:				
X D. OTHER: Specify type of modification and a		- T- CTT - CCC - T- CTC - T- C				
1852.232-77 Limitation of Funds (F (APR 1984)	ixed Price Contract) (M.	ARCH 1989) 52.232-2	2 Limitation (of Funds (Co	st Reimbursable)
E. IMPORTANT: Contractor ⊠is not, [
14. DESCRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ction headings, including	solicitation/con	tract subject m	natter where feasib	le.)
The purpose of this modification:						
		_		_		
Incrementally Fund Anne Incrementally Fund Anne			(b)(4) 4)			
2. Incrementally Fund Anne						
Deobligate Funds from A	nnex 5 Firm Fixed F		ot -\$14,000	0.00.		
		See Page 2				
cept at provided herein, all terms and conditions of the document ref	erenced in Item 9A or 10A, as hereto	fore changed, remains unchange	d and in full force and	d effect.		
		·				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITE Wendy L. Flemin	E OF CONTRACTI	ING OFFICER (1	Type or print)	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	168, UNITED STATES			16C. DATE SIGN	ED

NSN 7540-01-152-8070 PREVIOUS EDITION UNUSABLE

(Signature of person authorized to sign)

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STANDARD FORM 30 (REV. 10-83) Prescribed by GSA

- 3. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$2,600.00.
- 4. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,581,235.15 by \$162,364.50 to \$55,743,599.65.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,581,235.15
Incrementally Fund : This Action:				\$164,964.50
Redistribute From Annex 4 to Annex 5:				(\$2,600.00)
				\$0.00
				\$0.00
				\$0.00
Revised Cumulative Obligations:		(b)(4)		\$55,743,599.65

2. Contract Annex 5 funding is increased from \$134,268,146.10 by \$101,040.66 to \$134,369,186.76.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$134,268,146.10
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5:	\$112,440.66 (\$14,000.00) \$2,600.00
Revised Cumulative Obligations:	\$134,369,186.76

B.6 <u>CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)</u>

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

1.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 9.	

(a) The estimated cost of Annex 4 is (b)(4) The maximum available award fee is (b)(4) The fixed-fee is (b)(4) The total estimated cost, maximum award fee, and fixed-fee are \$55,743,599.65

This allotment covers Task Orders 1 through 16EA1-6, from March 1, 2008 through January 24, 2017. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is

- (b) An additional amount of (b)(4) so obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,743,599.65.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3057 is \$134,369,186.76.

This allotment covers Delivery Orders 1 through 3057 from March 1, 2008 through April 10, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-</u>

Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, 159-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, 159-Recovery Act, 159-Recovery

(End Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AHI DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016	\$273,984.23	\$0.00	\$273,984.23
FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016	\$912,582.20	\$0.00	\$912,582.20
FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016	\$219,564.00	-\$77,625.00	\$141,939.00
FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016	\$8,929.66	\$0.00	\$8,929.66
FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

<u></u>		,				
			CO-1 / 02/05/2016			
			CO-2 / 02/23/2016			
			CO-3 / 02/24/2016			
		į	CO-4 / 03/08/2016			
			CO-5 / 04/01/2016			
			CO-6 / 4/20/2016			
FY16 EC1 DO DDN	11/09/15	09/30/16	CO-7 / 04/28/2016	\$148,411.83		£1.60 0.47 07
Acct/Org	11.02/13	07/30/10	CO-8 / 05/16/2016	\$140,411.03		\$160,847.97
	***		CO-9 / 05/26/2016			
			CO-10 / 06/29/2016			
			C/O-11 / 07/21/2016			
			CO-12 / 08/08/2016			
			CO-13 / 08/18/2016			
			CO-14 / 09/01/2016		\$12,436.14	
			CO-1 / 12/15/2015		1 89 1 25 37 7 1	
			CO-2 / 01/21/2016			
Ditte BOA DO DDI	İ		CO-3 / 2/17/2016		1 核主流性化 次	
FY16 EC2 DO DDN	11/09/15	09/30/16	CO-4 / 03/08/2016	\$68,186.49		\$150,252.75
Acct/Org			CO-5 / 07/08/2016		禁工具統治第二条	D100,20m., 2
	ľ		CO-6 / 07/21/2016		美名文家名號的 (4)(3)	
			CO-7 / 08/18/2016		con occ ac	
			CO-8 / 09/01/2016		\$82,066.26	
			CO-1 / 11/19/2015		1987年经验2014月	
			CO-2 / 02/29/2016 CO-3 / 04/01/2016		184788877	
			1		【新典》 建筑铁路 "我	
			CO-4 / 04/20/2016 CO-5 / 05/16/2016			
FY16 EG1 DO DDN	10/28/15	09/30/16	CO-6 / 05/26/2016	\$43,561,99		643 871 00
Acct/Org	10/20/13		CO-7 / 06/13/2016			\$43,561.99
			CO-8 / 06/29/2016			
			CO-9 / 07/08/2016			
			C/O-10 / 07/21/2016			
			CO-11 / 08/08/2016		\$0.00	
			CO-1 / 10/29/2015		- 2 25 2 1 Alleg W	
	10/13/15	09/30/16	CO-2 / 12/02/2015	\$271,385.57		
			CO-3 / 02/05/2016			\$271,385.57
EWIZ EDI DO DON			CO-4 / 02/16/2016			
FY16 EP1 DO DDN			CO-5 / 04/1/2016			
Acct/Org			CO-6 / 4/28/2016			
			CO-7 / 05/16/2016			
			CO-8 / 05/26/2016		多数数数数数数	
			CO-9 / 07/08/2016		\$0.00	
			CO-1 / 12/02/2015			
			CO-2 / 01/06/2016			
			CO-3 / 02/19/2016			
			CO-4 / 02/23/2016			
			CO-5 / 03/08/2016			
FY16 ER1 DO DDN	11/07/115	00/20/17	CO-6 / 03/23/2016			
Acct/Org	11/06/15	09/30/16	CO-7 / 04/20/2016	\$28,890.80		\$28,890.80
			CO-8 / 04/28/2016 CO-9 / 05/16/2016			
			CO-10 / 05/26/2016			
			CO-10 / 03/20/2010 CO-11 / 07/08/2016			
			CO-11 / 07/08/2016 CO-12 / 07/21/2016			
			CO-12 / 07/21/2016 CO-13 / 08/08/2016		\$0.00	
			CO-1 / 12/14/2015		30.00	
FY16 ES1 DO DDN	1		CO-2 / 02/18/2016		15000000000000000000000000000000000000	
Acct/Org	10/28/15	09/30/16	CO-3 / 04/28/2016	\$14,559.89		\$14,559.89
			CO-4 / 06/13/2016		\$0.00	
			CO-1 / 11/09/2015			
			CO-2 / 02/04/2016			
			CO-3 / 03/16/2016		Tar de Sort	
			CO-4 / 04/28/2016		Bu Maderial	
FY16 EV1DO DDN	10/20/15	00/20/14	CO-5 / 05/16/2016	677 667 46		080 DCC
Acct/Org	10/29/15	09/30/16	CO-6 / 06/29/2016	\$73,893.18		\$73,893.18
			CO-7 / 07/08/2016			
			CO-8 / 07/21/2016			
			CO-9 / 08/08/2016		1	
	1		CO-10 / 08/18/2016		\$0.00	

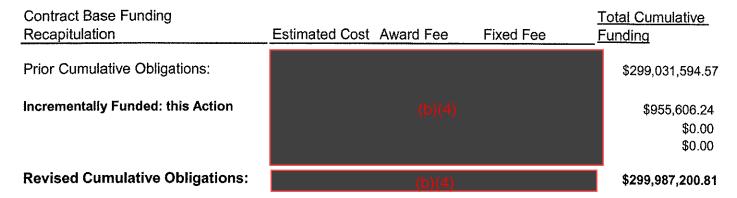
FY16 GA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016	\$63,426.28	\$6,350.00	\$69,776.28
FY16 JA1 DO DDN Acct/Org	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016	\$142,775.00	\$0.00	\$142,775.00
FY16 JB1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct/Org	02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$7,500.00	\$0.00	\$7,500.00
FY16 JP1 DO DDN Acct/Org	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35
FY16 NA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
FY16 NA2 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,759.75	\$0.00	\$1,759.75
FY16 OA1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016	\$191,003.10	\$0.00	\$191,003.10
FY16 OD1 DO DDN Acct/Org	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 09/01/2016	\$10,986.16	\$11,000.00	\$21,986.16
FY16 SA2 DO DDN Acct/Org	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016	\$205,403.94	-\$14,000.00	\$191,403.94
FY16 SF1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016	\$94,669.53	\$0.00	\$94,669.53
FY16 SK1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN				1	 	

FY16 XI1 DO DDN Acct/Org	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct/Org	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$20,227.40	

(Signature of person authorized to sign)

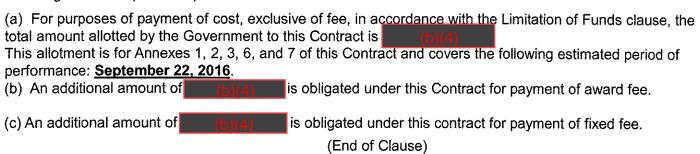
OMB Approval 2700-0042

1. Contract Base funding is increased from \$299,031,594.57 by \$955,606.24 to \$299,987,200.81.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

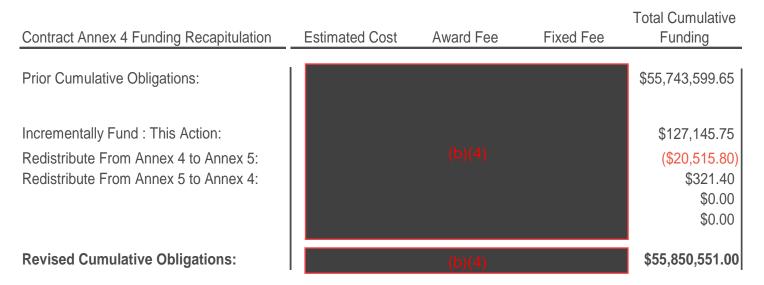


OMB Approval 2700-0042 1. CONTRACT ID CODE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable 4200603802 554 See Block 16C 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO PAE Applied Technologies LLC 9B. DATED (SEE ITEM 11) Attn: Stephen Brettel, Program Manager 6500 West Fwy, Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C X 10B. DATED (SEE ITEM 13) 1JGQ2 01/03/2008 CODE **FACILITY CODE** THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended, not Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net Increase: 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM (4)THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor Sis not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: Incrementally Fund Annex 4 Estimated Cost in the amount of Incrementally Fund Annex 4 Fixed Fee in the amount of 2. Incrementally Fund Annex 5 Firm Fixed price in the amount of \$107,636.19. Deobligate Funds from Annex 5 Firm Fixed Price in the amount of -\$7,500.00. See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Aneesah K. Vaughn, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA ANEESAH VAUGHN Digitally signed by On: c=US, o=US. Cn=ANEESAH VAL Date: 2016.09.19			
(Signature of person authorized to sign)		(Signature of Contracting Officer)	451.17-0500		

- 3. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$20,515.80.
- 4. Redistributing Funds from Annex 5 Firm Fixed Price to Annex 4 Estimated Cost in the amount of (b)(4)
- 5. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 6. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,743,599.65 by \$106,951.35 to \$55,850,551.00.



2. Contract Annex 5 funding is increased from \$134,369,186.76 by \$120,330.59 to \$134,489,517.35.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$134,369,186.76
Incrementally Fund: This Action: De-Obligate from Annex 5 Firm Fixed Price: Redistribute from Annex 4 to Annex 5: Redistribute from Annex 5 to Annex 4:	\$107,636.19 (\$7,500.00) \$20,515.80 (\$321.40)
Revised Cumulative Obligations:	\$134,489,517.35

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l.	BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 9.	

(a) The estimated cost of Annex 4 is (b)(4). The maximum available award fee is (b)(4). The fixed-fee is (b)(4). The total estimated cost, maximum award fee, and fixed-fee are \$55,850,551.00.

This allotment covers Task Orders 1 through 16CD1-6, from March 1, 2008 through January 24, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,850,551.00.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3063 is \$134,489,517.35.

This allotment covers Delivery Orders 1 through 3063 from March 1, 2008 through April 10, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery Act, 1011-18-Recovery Act, 1011-19-Recovery A

(End Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016 CO-8 / 09/19/2016	\$273,984.23	\$20,000.00	\$293,984.23
FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016	\$912,582.20	\$0.00	\$912,582.20
FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016	\$141,939.00	\$0.00	\$141,939.00
FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016	\$8,929.66	\$0.00	\$8,929.66
FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

FY16 EC1 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 CO-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016 CO-14 / 09/01/2016	\$160,847.97	\$0.00	\$160,847.97
FY16 EC2 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016 CO-8 / 09/01/2016	\$150,252.75	\$0.00	\$150,252.75
FY16 EG1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016 CO-12 / 09/19/2016	\$43,561.99	-\$321.40	\$43,240.59
FY16 EP1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$271,385.57	\$0.00	\$271,385.57
FY16 ER1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
FY16 ES1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89

FY16 EV1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016 CO-11 / 09/19/2016	\$73,893.18	\$15.80	\$73,908.98
FY16 GA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016 CO-7 / 09/19/2016	\$69,776.28	\$1,169.18	\$70,945.46
FY16 JA1 DO DDN Acct/Org	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 CO-7 / 09/19/2016	\$142,775.00	\$27,734.01	\$170,509.01
FY16 JB1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
FY16 JE1 DO DDN Acct/Org	02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$7,500.00	\$0.00	\$7,500.00
FY16 JP1 DO DDN Acct/Org	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35
FY16 NA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
FY16 NA2 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,759.75	\$0.00	\$1,759.75
FY16 OA1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016 CO-8 / 09/19/2016	\$191,003.10	\$3,566.00	\$194,569.10
FY16 OD1 DO DDN Acct/Org	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
FY16 SA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 09/01/2016	\$21,986.16	\$0.00	\$21,986.16
FY16 SA2 DO DDN Acct/Org	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
FY16 SD1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016	\$191,403.94	\$0.00	\$191,403.94

FY16 SF1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016	\$94,669.53	\$0.00	\$94,669.53
FY16 SK1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
FY16 XB1 DO DDN Acct/Org	11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
FY16 XI1 DO DDN Acct/Org	11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
FY16 XS1 DO DDN Acct/Org	12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$52,163.59	

(Signature of person authorized to sign)

ANEESAH VAUGHN

(Signature of Contracting Officer)

1. Contract Base funding is increased from \$299,987,200.81 by \$610,443.80 to \$300,597,644.61.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (b)(4).

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: September 28, 2016.

(b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee.

(c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

(Signature of person authorized to sign)

aneesah.k.vaughn@nasa.gov

k.vaughn@nasa.gov 09:13:21 -05'00'

Digitally signed

Date: 2016.09.28

aneesah.k.vaughn@nasa.gov 🙉 🚓

(Signature of Contracting Officer)

1. Contract Base funding is increased from \$300,597,644.61 by \$802,468.11 to \$301,400,112.72.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:

(a) For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this Contract is (h)(4)

This allotment is for Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance: October 05, 2016.

(b) An additional amount of (h)(a) is obligated under this Contract for payment of award fee.

(b) An additional amount of (b)(4) is obligated under this Contract for payment of award fee

(c) An additional amount of (b)(4) is obligated under this contract for payment of fixed fee. (End of Clause)

							OMB Ap	proval 2700-00
AN	MENDMENT OF SOLICITATION	MODIFICATION OF	CONTRACT	1. CONTRACT I	D CODE	PAG		PAGES 7
2. AMEND	MENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE R	EQ. NO.	5. PRO	JECT NO. (If ap		
	557	See Block 16C	4200604	1159				
6. ISSUED	BY CODE	BJ	7. ADMINISTERED BY (If other	than Item 6)		CODE E	3J5	
NASA	Lyndon B. Johnson Space Center		Helen Bell, Contract	Specialist				
Institut	ional Procurement Office		PH: 281.483.8149	·				
Housto	n, TX 77058		Email: helen.b.bell@	nasa.gov				
8. NAME	AND ADDRESS OF CONTRACTOR (No. Street, county	y, State and ZIP: Code)		(4)	9A. AMENDMEN	T OF SOLICITA	TION NO	Э.
Attn: \$	Applied Technologies LLC Stephen Brettel, Program Manage West Fwy, Suite 600 Vorth, TX 76116	r		X	9B. DATED (SEL 10A. MODIFICAT NNJ08JAC 10B. DATED (SE	TION OF CONTE	RACT/OF	RDER NO.
CODE 1J	GQ2	FACILITY CODE			01/03/2008	EIIEW 13)		
JOBE 10			AMENDMENTS OF SOLIC	ITATIONS	01/00/2000			
Offers mu (a) By con	pove numbered solicitation is amended as set fo	rth in Item 14. The hour and do to the hour and date specified copy of the amendment; (b)	date specified for receipt of Offe I in the solicitation or as amend By acknowledging receipt of the	ed, by one of the	on each copy of	ds: the offer sub		
DESIGNA you desire	TED FOR THE RECEIPT OF OFFERS PRIOR to to change an offer already submitted, such c JINTING AND APPROPRIATION DATA (If required)	TO THE HOUR AND DATA S	SPECIFIED MAY RESULT IN R	EJECTION OF	YOUR OFFER.	If by virtue of	this am	nendment
	CHEDULE		Net Incre	ease: \$3:	35,825.99			
		E0 01111/ E0 140D						
	13. THIS ITEM APPLI					ο,		
			ER NO. AS DESCR					
(4)	A. THIS CHANGE ORDER IS ISSUED PURSU 10A.	JANT TO: (Specify authority) TI	HE CHANGES SET FORTH IN TI	EM 14 ARE MAD	E IN THE CONTR	ACT/ORDER	NO. IN I	IEM
	B. THE ABOVE NUMBERED CONTRACT/ORI SET FORTH IN ITEM 14, PURSUANT TO THE AL	JTHORITY OF FAR 43.103(b).		GES (such as cha	nges in paying off	ice, appropriati	ion date	, etc.)
	C. THIS SUPPLEMENTAL AGREEMENT IS EI	NTERED INTO PURSUANT TO	AUTHORITY OF:					
Χ	D. OTHER: Specify type of modification and at 1852.232-77 Limitation of Funds (F		MARCH 1989) 52.232-2	2 Limitation	of Funds (Co	ost Reimbu	ırsabl	e)
	(APR 1984)							
E. IMF	PORTANT: Contractor ⊠is not, [] is required to sign t	his document and retu	urn co	pies to the i	ssuing off	ice.	
14. DESC	CRIPTION OF AMENDMENT/MODIFICAT	ION (Organized by UCF se	ection headings, including s	olicitation/cont	tract subject ma	atter where i	feasibl	e.)
The pu	rpose of this modification:							
	1. Incrementally Fund Anne	x 5 Firm Fixed price	e in the amount of \$	335,825.9	9.			
	2. Clause B.7 – CUMULAT (ANNEX 5) is hereby mo			RM FIXED:	-PRICE DE	ELIVERY	OR	DERS
			See Page 2					
15A. NAN	E AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITL Aneesah K. Vaug			Type or print)		

15B. CONTRACTOR/OFFEROR

16B. UNITED STATES OF AMERICA

(Signature of Contracting Officer)

aneesah.k.vaughn@nasa.gov
DN: cn=aneesah.k.vaughn@nasa.gov
Date: 2016.09.28 08:20:10 -05'00'

15C. DATE SIGNED

16C. DATE SIGNED

1. Contract Annex 5 funding is increased from \$134,489,517.35 by \$335,825.99 to \$134,825,343.34.

Total Cumulativa

Contract Annex 5 Funding Recapitulation	Funding
Prior Cumulative Obligations:	\$134,489,517.35
Incrementally Fund: This Action:	\$335,825.99
Revised Cumulative Obligations:	\$134,825,343.34

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3039-1 is \$134,825,343.34.

This allotment covers Delivery Orders 1 through 3039-1 from March 1, 2008 through February 12, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1951-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End Clause)

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
FY16 AH1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016 CO-8 / 09/19/2016	\$293,984.23	\$0.00	\$293,984.23
FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/16 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016 CO-15 / 09/28/2016	\$912,582.20	-\$872.00	\$911,710.20
FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016	\$141,939.00	\$0.00	\$141,939.00
FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016	\$8,929.66	\$0.00	\$8,929.66
FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45
FY16 EC1 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 CO-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016 CO-14 / 09/01/2016 CO-15 / 09/28/2016	\$160,847.97	\$1,500.00	\$162,347.97

FY16 EC2 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016 CO-8 / 09/01/2016	\$150,252.75	\$0.00	\$150,252.75
FY16 EG1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016 CO-12 / 09/19/2016	\$43,240.59	\$0.00	\$43,240.59
FY16 EP1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016	\$271,385.57	\$0.00	\$271,385.57
FY16 ER1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
FY16 ES1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016	\$14,559.89	\$0.00	\$14,559.89
FY16 EV1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016 CO-11 / 09/19/2016 CO-12 / 09/28/2016	\$73,908.98	\$346.99	\$74,255.97
FY16 GA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016	\$53,088.05	\$0.00	\$53,088.05
FY16 IA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016 CO-7 / 09/19/2016	\$70,945.46	\$0.00	\$70,945.46

10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 CO-7 / 09/19/2016	\$170,509.01	\$0.00	\$170,509.01
10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016	\$29,048.18	\$0.00	\$29,048.18
02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$7,500.00	\$0.00	\$7,500.00
10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016	\$237,810.35	\$0.00	\$237,810.35
11/02/15	09/30/16	CO-1 / 07/08/2016	\$575.24	\$0.00	\$575.24
11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,759.75	\$0.00	\$1,759.75
11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016 CO-8 / 09/19/2016 CO-9 / 09/28/2016	\$194,569.10	\$17,725.00	\$212,294.10
11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016	\$61,520.08	\$0.00	\$61,520.08
11/02/15	09/30/16	CO-1 / 09/01/2016	\$21,986.16	\$0.00	\$21,986.16
01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016	\$191,403.94	\$0.00	\$191,403.94
10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016	\$94,669.53	\$0.00	\$94,669.53
10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016	\$66,081.19	\$0.00	\$66,081.19
11/06/15	09/30/16		\$561.80	\$0.00	\$561.80
11/03/15	09/30/16	CO-1 / 02/10/16 CO-2 / 03/08/2016 CO-3 / 04/20/2016 C/O-4 / 04/28/2016	\$126,209.90		\$126,209.90
12/14/15	09/30/16		\$834.56	\$0.00	\$834.56
	10/16/15 02/17/16 10/14/15 11/02/15 11/04/15 11/04/15 11/02/15 01/25/16 11/02/15 10/16/15 11/06/15 11/06/15	10/16/15 09/30/16 02/17/16 09/30/16 10/14/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/04/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16 11/02/15 09/30/16	10/15/15	10/15/15	10/15/15

FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016	\$6,293.44	\$0.00	\$6,293.44
FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
					\$18,699.99	

Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
FY17 AA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 AH1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 CC1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 CD1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 CX1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EA5 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EC1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EC2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EG1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EP1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 ER1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 ES1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 EV1DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 GA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 IA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 JA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 JB1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 JE1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 JP1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 NA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 NA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 OA1 DO DDN Acct/Org	09/28/16	09/30/17		\$0.00	\$2,275.00	\$2,275.00
FY17 OD1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 SA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 SA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
FY17 SD1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00

FY17 SF1 DO DDN Acct/Org	09/30/17	\$0.00	\$0.00	\$0.00
FY17 SK1 DO DDN Acct/Org	09/30/17	\$0.00	\$0.00	\$0.00
FY17 XB1 DO DDN Acct/Org	09/30/17	\$0.00	\$0.00	\$0.00
FY17 XI1 DO DDN Acct/Org	09/30/17	\$0.00		\$0.00
FY17 XS1 DO DDN Acct/Org	09/30/17	\$0.00	\$0.00	\$0.00
FY17 XX1 DO DDN Acct/Org	09/30/17	\$0.00	\$0.00	\$0.00
			\$2,275.00	

OMB Approval 2700-0042 1. CONTRACT ID CODE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 10 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) 4200605502 558 See Block 16C 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO PAE Applied Technologies LLC 9B. DATED (SEE ITEM 11) Attn: Stephen Brettel, Program Manager 6500 West Fwy, Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C X 10B. DATED (SEE ITEM 13) 1JGQ2 01/03/2008 CODE **FACILITY CODE** THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. not Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE Net Increase: \$6,812,277.90 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM (4)THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) E. IMPORTANT: Contractor Sis not, is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: 1. Incrementally Fund BASE Estimated Cost in the amount of 2. Incrementally Fund BASE Award Fee in the amount of 3. Redistributing Funds from Annex 4 Fixed Fee to Annex 4 Estimated Cost in the amount of 4. Clause B.4 – CUMULATIVE VALUE AND FUNDING (NFS 1852.232-81)(JUN 1990)(not Annexes 4 and 5) is hereby modified and replaced by the attached. Clause B.6 – CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.

See Page 2

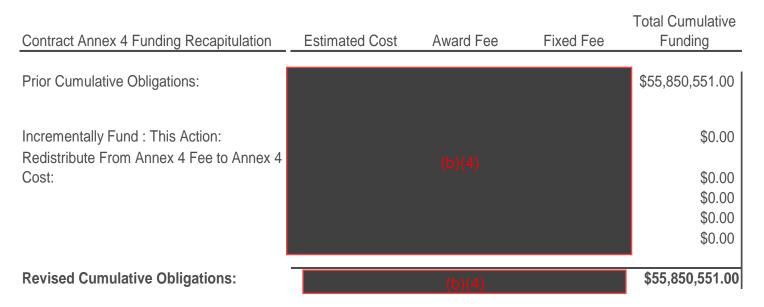
Except at provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Wendy L. Fleming, Contracting Officer	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
		WENDY FLEMING Digitally signed by MOD Digitally signed	rnnent, ou=NASA, ou=People, cn=WENDY FLEMING, .1.II =wiflemin
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

1. Contract Base funding is increased from \$301,400,112.72 by \$6,812,277.90 to \$308,212,390.62.

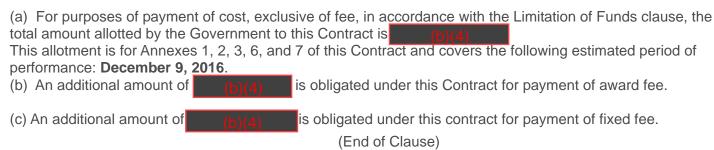


2. Contract Annex 4 funding is increased from \$55,850,551.00 by \$0.00 to \$55,850,551.00.



B.4 CONTRACT FUNDING (NFS 1852.232-81) (JUN 1990) (not including Annexes 4 and 5)

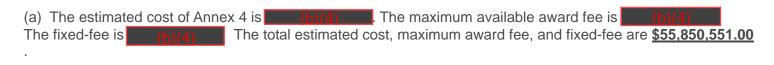
This clause identifies the amount of funds allotted by the Government for purposes of payment of costs incurred by the Contractor to perform the services identified in Annexes 1, 2, 3, 6, and 7 of this Contract and covers the following estimated period of performance:



B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4.

Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents
the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on
each task order represents the amount subject to the Limitation of Funds clause.



BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru 9.

This allotment covers Task Orders 1 through 16CD1-6, from March 1, 2008 through January 24, 2017. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is

- is obligated under this contract for payment of award fee. (b) An additional amount of
- (c) An additional amount is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$55,850,551.00.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" - American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is The maximum available fixed fee is The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

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Task Order (T.O.)	Title	Change Order Received	T.O. VALUE	T.O. COST Amount	Award Fee	Fixed Fee (5.5%)	Total Funded
17AH1	FY17 AH TO DDN Org		\$86.35	\$86.35		\$0.00	\$86.35
17BA1	FY17 BA TO DDN Facilities & Maintenance & Org		\$2.24	\$2.24		\$0.00	\$2.24
17CA1	FY17 CA TO DDN Facilities & Maintenance		\$119.11	\$119.11		\$0.00	\$119.11
17CC1	FY17 CC TO DDN Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17CD1	FY17 CD TO DDN Facilities & Maintenance Org		\$48.58	\$48.58		\$0.00	\$48.58
17EC1	FY17 EC1 TO DDN Org		\$693.45	\$693.45		\$0.00	\$693.45
17EC2	FY17 EC2 TO DDN Org		\$0.00	\$0.00		\$0.00	\$0.00
17EP1	FY17 EP TO DDN Org		\$2,627.64	\$2,627.64		\$0.00	\$2,627.64
17ER1	FY17 ER TO DDN Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17ES3	FY17 TO DDN ES3 ARCJET Org		\$598.38	\$598.38		\$229.85	\$828.23
17ES4	FY17 TO DDN ES4 ARCJET Org		\$1,513.70	\$1,513.70		\$0.00	\$1,513.70
17ES6	FY17 ES6 TO DDN Acct Org		\$329.31	\$329.31		\$0.00	\$329.31
17ES7	FY17 ES7 TO DDN Org		\$241.97	\$241.97		\$0.00	\$241.97
17EV1	FY17 EV1 TO DDN Facilities & Maintenance Org		\$505.80	\$505.80		\$4.89	\$510.69
17JA1	FY17 JA1 TO DDN Org		\$486.98	\$486.98		\$0.00	\$486.98
17JA2	FY17 JA2 TO DDN Rigging Org		\$0.00	\$0.00		\$0.00	\$0.00
17JA5	FY17 TO DDN WILDLIFE Org		\$1,164.06	\$1,164.06		\$0.00	\$1,164.06
17JB1	FY17 JB TO DDN Facilities & Maintenance Org		\$5,729.94	\$5,729.94		\$207.42	\$5,937.36
17JJ1	FY17 JJ TO DDN Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17JP1	FY17 JP TO DDN Org		\$0.00	\$0.00		\$0.00	\$0.00
17JS1	FY17 JS TO DDN Facilities & Maintenance Org		\$606.01	\$606.01		\$17.60	\$623.61
17OA1	FY17 OA TO DDN Acct Facilities & Maintenance Org		\$8,691.60	\$8,691.60		\$1,559.63	\$10,251.23
170G1	FY17 OG TO DDN Acct Org		\$0.00	\$0.00		\$0.00	\$0.00
17SD1	FY17 SD TO DDN Facilities & Maintenance Org		\$2,254.20	\$2,254.20		\$56.26	\$2,310.46
17SF1	FY17 SF TO DDN Facility & Maintenance Org		\$31.26	\$31.26		\$0.00	\$31.26

	EV17 CV TO DDN				
17SK1	FY17 SK TO DDN Facilities &	\$12,428.90	\$12,428.90	\$390.72	
1/5K1	Maintenance Org	\$12,428.90	\$12,428.90	\$390.72	\$12,819.62
	FY17 XA TO				712,013.02
17XA1	DDN Acct	\$0.00	\$0.00	\$0.00	
	Facilities &	i i			\$0.00
	Maintenance Org				٥٥.٥٥
	FY7 XI TO DDN	44.505.40	A		
17XI1	Facilities &	\$1,397.40	\$1,397.40	\$49.44	ć1 11C 01
	Maintenance Org				\$1,446.84
	FY17 CXI TO				
17CX1	DDN Facilities &	\$8,703.73	\$8,703.73	\$550.00	4
	Maintenance Org				\$9,253.73
17EA1	Morpheus -FY17	\$886.03	\$886.03	\$24.80	
1/EA1	EA1 TO DDN Org	\$660.03	\$000.03	\$24.60	\$910.83
	FY17GA1 TO				
17GA1	DDN Facilities &	\$276.85	\$276.85	\$0.00	
	Maintenance Org		,	,	\$276.85
	FY17EG1 TO				·
17EG1	DDN Facilities &	\$258.96	\$258.96	\$71.27	
17201	Maintenance Org	Ψ250.70	Ψ230.70	Ψ/1.2/	\$330.23
	FY17IA1 TO DDN				Ψοσοσ
17IA1	Facilities &	\$3,183.62	\$3,183.62	\$2,283.09	
1/1/1/1	Maintenance Org	\$5,165.02	ψ3,163.02	Ψ2,203.09	\$5,466.71
	FY17IA2 TO DDN	+			75,100.71
17IA2	Facilities &	\$275.16	\$275.16	¢1 (42 11	
1/1A2	Maintenance Org	\$275.16	\$273.10	\$1,643.11	\$1,918.27
	<u> </u>				71,310.27
	FY17 XX TO				
17XX1	DDN Acct	\$0.00	\$0.00	\$0.00	
	Facilities &	i i			\$0.00
	Maintenance Org				٥٥.00
48704	FY17 JE TO DDN	φ111 1O	φ111 1O	Φ20.02	
17JE1	Facilities &	\$111.18	\$111.18	\$20.92	¢122.10
	Maintenance Org				\$132.10
	FY17 OD TO	*** 10	400.40		
17OD1	DDN Facilities &	\$32.48	\$32.48	\$2.76	405.04
	Maintenance Org				\$35.24
	FY17 CX2 TO				
17CX2	DDN Facilities &	\$0.00	\$0.00	\$0.00	
	Maintenance Org	Ψ 0.00	Ψ0.00	Ψ0.00	\$0.00
	e e				70.00
1833754	FY17 WR TO	0.000.00	¢c 265 00	ΦΩ ΩΩ	
17WR1	DDN Facilities &	\$6,365.80	\$6,365.80	\$0.00	\$6,365.80
	Maintenance Org				70,303.60
488714	FY17 NA1 TO	0.00	Φ0.00	000.15	
17NA1	DDN	\$0.00	\$0.00	\$28.15	\$28.15
	Manufacturing Org				\$20.13
			\$59,650.69	\$7,139.91	
		'	-		

							Page
DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
16AA1	FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016	\$1,949.41	\$0.00	\$1,949.41
16AH1	FY16 AH1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016	\$3,474.14	\$0.00	\$3,474.14
16CC1	FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016 CO-8 / 09/19/2016 CO-9 / 10/05/2017	\$293,984.23	-\$10,111.11	\$283,873.12
16CD1	FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/2016 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016 CO-15 / 09/28/2016 CO-16 / 10/05/2016	\$911,710.20	-\$22,678.60	\$889,031.60
16CX1	FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016 CO-11 / 10/05/2016	\$141,939.00	-\$25,688.00	\$116,251.00
16EA1	FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016 CO-6 / 10/05/2016	\$8,929.66	-\$1,328.31	\$7,601.35
16EA5	FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

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16EC1	FY16 EC1 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 C/O-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016 CO-14 / 09/01/2016 CO-15 / 09/28/2016 C/O-16 / 10/05/2016	\$162,347.97	-\$962.25	\$161,385.72
16EC2	FY16 EC2 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016 CO-8 / 09/01/2016 CO-9 / 10/05/2016	\$150,252.75	-\$4,174.90	\$146,077.85
16EG1	FY16 EG1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016 CO-12 / 09/19/2016	\$43,240.59	\$0.00	\$43,240.59
16EP1	FY16 EP1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016 CO-10 / 10/05/2016	\$271,385.57	-\$2,445.24	\$268,940.33
16ER1	FY16 ER1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
16ES1	FY16 ES1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016 CO-5 / 10/05/2016	\$14,559.89	-\$494.79	\$14,065.10

CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-6 / 06/29/2016 CO-7 / 07/09/2016 F74,255.97	\$74,255.97
Acct/Org 10/29/13 09/30/16 CO-7 / 07/08/2016 \$7/4,255.97 CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016 CO-11 / 09/19/2016 CO-12 / 09/28/2016 \$0.00	
16GA1 FY16 GA1 DO DDN Acct/Org 10/29/15 09/30/16 CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016 CO-4 / 10/05/2016 S53,088.05 -\$493.61	\$52,594.44
16IA1 FY16 IA1 DO DDN Acct/Org 10/29/15 09/30/16 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016 CO-7 / 09/19/2016 \$70,945.46 \$0.00	\$70,945.46
16JA1 FY16 JA1 DO DDN Acct/Org 10/15/15 09/30/16 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 CO-7 / 09/19/2016 \$170,509.01	\$170,509.01
16JB1 FY16 JB1 DO DDN Acct/Org 10/16/15 09/30/16 CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016 CO-4 / 10/05/2016 CO-4 / 10/05/2016	\$27,643.96
16JE1 FY16 JE1 DO DDN O2/17/16 09/30/16 CO-1 / 03/16/2016 \$7,500.00 \$0.00	\$7,500.00
16JP1 FY16 JP1 DO DDN Acct/Org 10/14/15 09/30/16 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016 CO-9 / 10/05/2016 CO-9 / 10/05/2016 CO-9 / 10/05/2016	\$218,287.39
16NA1 FY16 NA1 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 07/08/2016 \$575.24 -\$273.94	\$301.30
16NA2 FY16 NA2 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 08/08/2016 \$1,759.75 \$0.00	\$1,759.75
16OA1 FY16 OA1 DO DDN Acct/Org 11/06/15 09/30/16 CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-6 / 06/29/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016 CO-8 / 09/19/2016 CO-9 / 09/28/2016 CO-9 / 09/28/2016 CO-10 / 10/05/2016 CO-10 / 10/05/2016	\$212,219.17
16OD1 FY16 OD1 DO DDN Acct/Org 11/04/15 09/30/16 CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016 CO-4 / 10/05/2016 CO-4 / 10/05/2016	\$57,293.00
16SA1 FY16 SA1 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 09/01/2016 \$21,986.16 -\$1,890.44	\$20,095.72
16SA2 FY16 SA2 DO DDN Acct/Org 01/25/16 09/30/16 \$294.79 \$0.00	\$294.79

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16SD1	FY16 SD1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016 CO-5 / 10/05/2016	\$191,403.94	-\$3,428.62	\$187,975.32
16SF1	FY16 SF1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016 CO-9 / 10/05/2016	\$94,669.53	-\$14,108.49	\$80,561.04
16SK1	FY16 SK1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016 CO-8 / 10/05/2016	\$66,081.19	-\$15,691.37	\$50,389.82
16XB1	FY16 XB1 DO DDN Acct/Org	11/06/15	09/30/16	CO- / 10/05/2016	\$561.80	-\$31.80	\$530.00
16XI1	FY16 XI1 DO DDN Acct/Org	11/03/15	09/30/16	CO-1 / 02/10/2016 CO-2 / 03/08/2016 CO-3 / 04/20/2016 CO-4 / 04/28/2016 CO-5 / 10/05/2016	\$126,209.90	-\$11,724.96	\$114,484.94
16XS1	FY16 XS1 DO DDN Acct/Org	12/14/15	09/30/16	CO-1 / 10/05/2015	\$834.56	-\$834.56	\$0.00
16XX1	FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016 CO-3 / 10/05/2016	\$6,293.44	-\$584.84	\$5,708.60
16ZE1	FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
						-\$142,175.02	

DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
17AA1	FY17 AA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17AH1	FY17 AH1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17CC1	FY17 CC1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$10,111.11	\$10,111.11
17CD1	FY17 CD1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$22,678.60	\$22,678.60
17CX1	FY17 CX1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$24,293.00	\$24,293.00
17EA1	FY17 EA1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$1,328.31	\$1,328.31
17EA5	FY17 EA5 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17EC1	FY17 EC1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$962.25	\$962.25
17EC2	FY17 EC2 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$4,174.90	\$4,174.90
17EG1	FY17 EG1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17EP1	FY17 EP1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$2,445.24	\$2,445.24

			_	_	_		Page 1
17ER1	FY17 ER1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17ES1	FY17 ES1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$494.79	\$494.79
17EV1	FY17 EV1DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17GA1	FY17 GA1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$493.61	\$493.61
17IA1	FY17 IA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17JA1	FY17 JA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17JB1	FY17 JB1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$1,404.22	\$1,404.22
17JE1	FY17 JE1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17JP1	FY17 JP1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$19,522.96	\$19,522.96
17NA1	FY17 NA1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$273.94	\$273.94
17NA2	FY17 NA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
170A1	FY17 OA1 DO DDN Acct/Org	09/28/16	09/30/17	CO-1 / 10/05/2017	\$2,275.00	\$74.93	\$2,349.93
170D1	FY17 OD1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$4,227.08	\$4,227.08
17SA1	FY17 SA1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$1,890.44	\$1,890.44
17SA2	FY17 SA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17SD1	FY17 SD1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$3,428.62	\$3,428.62
17SF1	FY17 SF1 DO DDN Acct/Org		09/30/17		\$0.00	\$11,245.49	\$11,245.49
17SK1	FY17 SK1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$15,691.37	\$15,691.37
17XI1	FY17 XI1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$12,591.32	\$12,591.32
17XX1	FY17 XX1 DO DDN Acct/Org	10/05/17	09/30/17		\$0.00	\$584.84	\$584.84
						\$137,917.02	

MEMORANDUM FOR RECORD

DATE: October 12, 2016

FROM: BJ5/Contract Specialist

SUBJECT: NNJ08JA02C, Modification 560 – Award Fee

The purpose of modification 560 is to revise Modification 559 Award Fee by updating the Award Fee Available for the Period value.

To explain, Section J-Attachment C Award Fee/Award Term Plan Table 1.0 Distribution Schedule Available Fee displayed a different amount than Section B.12 Pre-Priced Table for Award Term. The reason for the difference in value is the Section J-Attachment C Award Fee/Award Term Plan was not updated with each modification which changed the value in Section B.12. As a result, Modification 559 is deleted and Modification 560 replaces the mod.

TUMARROW IGLEHART 2016.10.12 16:07:09 -05'00'

Contract Specialist

Tumarrow Iglehart

AMENDMENT OF SOLICITATION/MODIFIC	CATION OF CO	ONTRACT	1. CONTRACT ID CODE	PAGE OF PAGES					
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE	DATE 4	L 4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable)					
000560	See Bloo	ck 16C	I/A						
6. ISSUED BY CODE	JSC		7. ADMINISTERED BY (If other than Item 6)	CODE JSC					
NASA/Johnson Space Center			NASA/Johnson Space Center						
Attn: Helen Bell/BJ5			Helen B. Bell						
2101 NASA Parkway			2101 NASA Parkway						
Houston TX 77058-3696			Houston TX 77058-3696						
8. NAME AND ADDRESS OF CONTRACTOR (No., street	et, county, State and	ZIP Code)	9A. AMENDMENT OF SOLICITATION NO.						
		((x) 9A. AMENDINENT OF SOLICITATION NO.						
PAE Applied Technologies LLC			9B. DATED (SEE ITEM 11)						
6500 West Freeway Ste 600 Fort Worth TX 76116-2118			SS. SWES (SEE TEM 11)						
FOIC WOICH IX 70110 ZIIO									
		2	10A. MODIFICATION OF CONTRACT/ORDER NNJ08JA02C	NO.					
			10B. DATED (SEE ITEM 13)						
CODE 1JGQ2	FACILITY COD	E	01/03/2008						
	11. THIS ITE	M ONLY APPLIES TO AN	 ENDMENTS OF SOLICITATIONS						
The above numbered solicitation is amended as set	forth in Item 14.	The hour and date specifie	d for receipt of Offersis exte	ended. is not extended.					
Offers must acknowledge receipt of this amendment		•		. , , , , ,					
Items 8 and 15, and returning consequence separate letter or telegram which includes a reference	•		ing receipt of this amendment on each copy of the o						
THE PLACE DESIGNATED FOR THE RECEIPT OF									
virtue of this amendment you desire to change an off				or letter makes					
reference to the solicitation and this amendment, and 12. ACCOUNTING AND APPROPRIATION DATA (If red		to the opening hour and d	ate specified.						
See Schedule									
13. THIS ITEM ONLY APPLIES TO I	MODIFICATION O	F CONTRACTS/ORDERS	IT MODIFIES THE CONTRACT/ORDER NO. AS DE	SCRIBED IN ITEM 14.					
CHECK ONE A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.									
D. THE ADOVE NUMBERED CONTRA	CT/ODDED IS M		IF ADMINISTRATIVE CHANCES (ouch as changes	in noving office					
appropriation date, etc.) SET FORT	H IN ITEM 14, PU	IRSUANT TO THE AUTHO	HE ADMINISTRATIVE CHANGES (such as changes DRITY OF FAR 43.103(b).	in paying onice,					
C. THIS SUPPLEMENTAL AGREEMEN	NT IS ENTERED I	NTO PURSUANT TO AUT	THORITY OF:						
	S So Elizabeth College and Colored Tonority Tonority Of								
D. OTHER (Specify type of modification	n and authority)								
X Clause G.8 NFS 1852	.216-76 A	ward Fee for	Service Contracts (JUN 200	00)					
E. IMPORTANT: Contractor 🗵 is not.	is required to	o sign this document and	return	g office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION	(Organized by U	CF section headings, inclu	uding solicitation/contract subject matter where feasi	ble.)					
The purpose of this modifica	ation is	to recognize	the award fee earned for e	valuation Period					
17. The contractor will be	paid	(b)(4) base	d on the this modification	. The					
contractor is not to submit a voucher for earned award fee.									
This modification replaces M	Modificat	ion 559.							
See Page 2.									
Payment Terms:									
Net 30 days									
Except as provided herein, all terms and conditions of t	the document refe	renced in Item 9 A or 10A	as heretofore changed, remains unchanged and in	full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFI						
			Aneesah K. Vaughn						
15B. CONTRACTOR/OFFEROR		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED					
		ISO. DATE SIGNED	aneesah.k.vaughn@nasa.gov	Digitally signed by aneesah.k.vaughn@nasa.gov DN: cn=aneesah.k.vaughn@nasa.gov					
(Signature of person authorized to sign)			(Signature of Contracting Officer)	Date: 2016.10.12 15:01:25 -05'00'					

1. The amount of Award Fee is calculated as follows:

Award Fee Available for the Period:

(b)(4)

Award Fee Earned: (b)(4

Less: Provisional Award Fee Paid:

Total Amount to be paid to Contractor:



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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER Wendy L. Fleming, Contracting Officer	(Type or print)
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED
		WENDY FLEMING Digitally signed by WENDY REMING ON: C=US, p=US, Government, ou=NMSA, ou=People, cn=WENDY FRANCE, 09-2342 1,320300.100.1.1=willemin Date: 2016.10.13 16:40:93 -05:00*	
(Signature of person authorized to sign)		(Signature of Contracting Officer)	

- 3. Redistributing Funds from Annex 4 Estimated Cost to Annex 5 Firm Fixed Price in the amount of \$65,000.00.
- 4. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 5. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$55,850,551.00 by \$427,800.80 to \$56,278,351.80.

Contract Annex 4 Funding Recapitulation	Estimated Cost	Award Fee	Fixed Fee	Total Cumulative Funding
Prior Cumulative Obligations:				\$55,850,551.00
Incrementally Fund : This Action:				\$495,914.50
Redistribute From Annex 4 to Annex 5 : Deobligate from Annex 4:		(b)(4)		(\$65,000.00) (\$3,113.70) \$0.00 \$0.00
Revised Cumulative Obligations:		(b)(4)		\$56,278,351.80

2. Contract Annex 5 funding is increased from \$134,825,343.34 by \$2,212,154.53 to \$137,037,497.87.

Contract Annex 5 Funding Recapitulation	Total Cumulative Funding
Prior Cumulative Obligations:	\$134,825,343.34
Incrementally Fund: This Action: DeObligate from Annex 5: Redistribute From Annex 4 to Annex 5:	\$2,157,883.50 (\$10,728.97) \$65,000.00
Revised Cumulative Obligations:	\$137,037,497.87

B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK ORDERS (ANNEX 4)

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

l	BASE PERIOD FOR	CONTRACT YEA	4R 1 AND 2	Including I	Exercised o	ptions Y	EAR's	3 thru 9.

(a) The estimated	cost of Annex	4 is (b)(4)	The maximu	m available	award fee is	(b)(4)	
The fixed-fee is	(b)(4)	The total estimate	ed cost, maximum	award fee,	and fixed-fee	are \$56,278,35	<u>51.80</u>

This allotment covers Task Orders 1 through 15AH1-4, from March 1, 2008 through May 15, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$56,278,351.80.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is

(h)(4) The maximum available fixed fee is (h)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders <u>74-Recovery Act</u>, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders 74-Recovery Act, 74-1-Recovery Act, 74-2-Recovery Act is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3042-1 is \$137,037,497.87.

This allotment covers Delivery Orders 1 through 3042-1 from March 1, 2008 through May 5, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End Clause)

Task Order (T.O.)	Title	Change Order Received	T.O. VALUE	T.O. COST Amount	Award Fee	Fixed Fee (5.5%)	Total Funded
17AH1	FY17 AH TO DDN Org		\$86.35	\$86.35		\$0.00	\$86.35
17BA1	FY17 BA TO DDN Facilities & Maintenance & Org		\$2.24	\$2.24		\$0.00	\$2.24
17CA1	FY17 CA TO DDN Facilities & Maintenance	CO-1 / 10/13/2016	\$91,419.11	\$91,419.11		\$1,650.00	\$93,069.11
17CC1	FY17 CC TO DDN Facilities & Maintenance Org		\$45,000.00	\$45,000.00		\$0.00	\$45,000.00
17CD1	FY17 CD TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$7,548.58	\$7,548.58		\$0.00	\$7,548.58
17EC1	FY17 EC1 TO DDN Org		\$693.45	\$693.45		\$0.00	\$693.45
17EC2	FY17 EC2 TO DDN Org		\$1,500.00	\$1,500.00		\$0.00	\$1,500.00
17EP1	FY 17 EP TO DDN Org	CO-1 / 10/13/2016	\$28,627.64	\$28,627.64		\$1,375.00	\$30,002.64
17ER1	FY17 ER TO DDN Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17ES1	FY17 ES1 TO DDN Manufacturing Org		\$20,241.97	\$20,241.97		\$715.00	\$20,956.97
17ES3	FY17 TO DDN ES3 ARCJET Org	CO-1 / 10/13/2016	\$8,098.38	\$8,098.38		\$229.85	\$8,328.23
17ES4	FY17 TO DDN ES4 ARCJET Org	CO-1 / 10/13/2016	\$5,613.70	\$5,613.70		\$137.50	\$5,751.20
17ES6	FY17 ES6 TO DDN Acct Org	CO-1 / 10/13/2016	\$3,829.31	\$3,829.31		\$0.00	\$3,829.31
17ES7	FY 17 ES7 TO DDN Org	CO-1 / 10/13/2016	\$6,000.00	\$6,000.00		\$0.00	\$6,000.00
17EV1	FY17 EV1 TO DDN Facilities & Maintenance Org		\$505.80	\$505.80		\$4.89	\$510.69
17JA1	FY 17 JA1 TO DDN Org	CO-1 / 10/13/2016	\$30,486.98	\$30,486.98		\$1,650.00	\$32,136.98
17JA2	FY 17 JA2 TO DDN Rigging Org		\$230,000.00	\$230,000.00		\$9,900.00	\$239,900.00
17JA5	FY17 JA5 TO DDN WILDLIFE Org	CO-1 / 10/13/2016	\$150,725.06	\$150,725.06		\$8,226.00	\$158,951.06
17JB1	FY17 JB1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$15,729.94	\$15,729.94		\$757.42	\$16,487.36
17JJ1	FY17 JJ TO DDN Facilities & Maintenance Org		\$10,000.00	\$10,000.00		\$550.00	\$10,550.00
17JP1	FY 17 JP1 TO DDN Org		\$10,000.00	\$10,000.00		\$550.00	\$10,550.00
17JS1	FY17 JS1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,606.01	\$3,606.01		\$17.60	\$3,623.61

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170A1	FY17 OA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$11,691.60	\$11,691.60	\$1,559.63	\$13,251.23
170G1	FY17 OG1 TO DDN Acct Org		\$4,263.00	\$4,263.00	\$0.00	\$4,263.00
17SD1	FY17 SD1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$8,254.20	\$8,254.20	\$56.26	\$8,310.46
17SF1	FY17 SF1 TO DDN Facility & Maintenance Org	CO-1 / 10/13/2016	\$10,531.26	\$10,531.26	\$0.00	\$10,531.26
17SK1	FY17 SK1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$21,428.90	\$21,428.90	\$390.72	\$21,819.62
17XA1	FY17 XA TO DDN Acct Facilities & Maintenance Org		\$0.00	\$0.00	\$0.00	\$0.00
17XI1	FY17 XI1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$5,397.40	\$5,397.40	\$49.44	\$5,446.84
17CX1	FY17 CX1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$20,203.73	\$20,203.73	\$550.00	\$20,753.73
17EA1	Morpheus -FY17 EA1 TO DDN Org	CO-1 / 10/13/2016	\$6,886.03	\$6,886.03	\$24.80	\$6,910.83
17GA1	FY17 GA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,476.85	\$3,476.85	\$0.00	\$3,476.85
17EG1	FY17EG1 TO DDN Facilities & Maintenance Org		\$258.96	\$258.96	\$71.27	\$330.23
17IA1	FY17 IA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,883.62	\$3,883.62	\$2,283.09	\$6,166.71
17IA2	FY17 IA2 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$775.16	\$775.16	\$1,643.11	\$2,418.27
17XX1	FY17 XX1 TO DDN Acct Facilities & Maintenance Org		\$3,000.00	\$3,000.00	\$0.00	\$3,000.00
17JE1	FY17 JE1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$4,611.18	\$4,611.18	\$20.92	\$4,632.10
17OD1	FY17 OD1 TO DDN Facilities & Maintenance Org		\$32.48	\$32.48	\$2.76	\$35.24
17CX2	FY17 CX2 TO DDN Facilities & Maintenance Org		\$20,500.00	\$20,500.00	\$0.00	\$20,500.00
17WR1	FY17 WR1 TO DDN Facilities & Maintenance Org		\$6,365.80	\$6,365.80	\$0.00	\$6,365.80
17NA1	FY17 NA1 TO DDN Manufacturing Org		\$0.00	\$0.00	\$28.15	\$28.15
				\$801,274.69	\$32,443.41	

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DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
17AA1	FY17 AA1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$301.24	\$301.24
17AH1	FY17 AH1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$2,363.14	\$2,363.14
17CC1	FY17 CC1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$10,111.11	\$65,000.00	\$75,111.11
17CD1	FY17 CD1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$22,678.60	\$235,000.00	\$257,678.60
17CX1	FY17 CX1 DO DDN Acct/Org	10/05/16	09/30/17		\$24,293.00	\$0.00	\$24,293.00
17EA1	FY17 EA1 DO DDN Acct/Org	10/05/16	09/30/17		\$1,328.31	\$0.00	\$1,328.31
17EA5	FY17 EA5 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17EC1	FY17 EC1 DO DDN Acct/Org	10/05/16	09/30/17		\$962.25	\$0.00	\$962.25
17EC2	FY17 EC2 DO DDN Acct/Org	10/05/16	09/30/17		\$4,174.90	\$0.00	\$4,174.90
17EG1	FY17 EG1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17EP1	FY17 EP1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$2,445.24	\$117,500.00	\$119,945.24
17ER1	FY17 ER1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$9,133.50	\$9,133.50
17ES1	FY17 ES1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$2,994.79	\$2,500.00	\$5,494.79
17EV1	FY17 EV1DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17GA1	FY17 GA1 DO DDN Acct/Org	10/05/16	09/30/17		\$493.61	\$0.00	\$493.61
17IA1	FY17 IA1 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17JA1	FY17 JA1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$40,000.00	\$40,000.00
17JB1	FY17 JB1 DO DDN Acct/Org	10/05/16	09/30/17	CO- / 10/13/2016	\$1,404.22	\$10,000.00	\$11,404.22
17JE1	FY17 JE1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$20,750.00	\$20,750.00
17JJ1	FY17 JJ1 DO DDN Acct/Org	10/13/16	09/30/17		\$0.00	\$10,000.00	\$10,000.00
17JP1	FY17 JP1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$19,522.96	\$359,675.00	\$379,197.96
17NA1	FY17 NA1 DO DDN Acct/Org	10/05/16	09/30/17		\$273.94	\$0.00	\$273.94
17NA2	FY17 NA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
170A1	FY17 OA1 DO DDN Acct/Org	09/28/16	09/30/17	CO-1 / 10/05/2016 CO-2 / 10/13/2016	\$2,349.93	\$188,000.00	\$190,349.93
170D1	FY17 OD1 DO DDN Acct/Org	10/05/16	09/30/17		\$4,227.08	\$0.00	\$4,227.08
17SA1	FY17 SA1 DO DDN Acct/Org	10/05/16	09/30/17		\$1,890.44	\$0.00	\$1,890.44
17SA2	FY17 SA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17SD1	FY17 SD1 DO DDN Acct/Org	10/05/16	09/30/17		\$3,428.62	\$0.00	\$3,428.62
17SF1	FY17 SF1 DO DDN Acct/Org		09/30/17		\$11,245.49	\$0.00	\$11,245.49
17SK1	FY17 SK1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$15,691.37	\$15,000.00	\$30,691.37
17XI1	FY17 XI1 DO DDN Acct/Org	10/05/16	09/30/17		\$12,591.32	\$0.00	\$12,591.32

DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
16AA1	FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016 CO-3 / 10/13/2016	\$1,949.41	-\$301.24	\$1,648.17
16AH1	FY16 AH1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 10/13/2016	\$3,474.14	-\$2,363.14	\$1,111.00
16CC1	FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016 CO-8 / 09/19/2016 CO-9 / 10/05/2017	\$283,873.12	\$0.00	\$283,873.12
16CD1	FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/2016 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016 CO-15 / 09/28/2016 CO-16 / 10/05/2016	\$889,031.70	\$0.00	\$889,031.70
16CX1	FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016 CO-11 / 10/05/2016	\$116,251.00	\$0.00	\$116,251.00
16EA1	FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016 CO-6 / 10/05/2016	\$7,601.35	\$0.00	\$7,601.35
16EA5	FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

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16EC1	FY16 EC1 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 CO-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016 CO-14 / 09/01/2016 CO-15 / 09/28/2016 C/O-16 / 10/05/2016	\$161,385.72	\$0.00	\$161,385.72
16EC2	FY16 EC2 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016 CO-8 / 09/01/2016 CO-9 / 10/05/2016	\$146,077.85	\$0.00	\$146,077.85
16EG1	FY16 EG1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 CO-10 / 07/21/2016 CO-11 / 08/08/2016 CO-12 / 09/19/2016	\$43,240.59	\$0.00	\$43,240.59
16EP1	FY16 EP1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016 CO-10 / 10/05/2016	\$268,940.33	\$0.00	\$268,940.33
16ER1	FY16 ER1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
16ES1	FY16 ES1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016 CO-5 / 10/05/2016	\$14,065.10	\$0.00	\$14,065.10

16EV1 FY16 EV1DO DDN Acct/Org 10/29/15 09/30/16 CO-7 / 07/08/2016 CO-7 / 07/08/2010	\$74,255.97
CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016 CO-11 / 09/19/2016 CO-12 / 09/28/2016 \$0.00	\$14 <u>,2</u> 2337
16GA1 FY16 GA1 DO DDN Acct/Org 10/29/15 09/30/16 CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016 CO-4 / 10/05/2016 \$52,594.44 \$0.00	\$52,594.44
16IA1 FY16 IA1 DO DDN Acct/Org 10/29/15 09/30/16 CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016 CO-7 / 09/19/2016 \$0.00 \$0.00	\$70,945.46
16JA1 FY16 JA1 DO DDN Acct/Org 10/15/15 09/30/16 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 CO-7 / 09/19/2016 \$0.00 \$0.00	\$170,509.01
16JB1 FY16 JB1 DO DDN Acct/Org 10/16/15 09/30/16 CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016 CO-4 / 10/05/2016 \$27,643.96 \$0.00	\$27,643.96
16JE1 FY16 JE1 DO DDN	\$7,500.00
Total P1 FY16 JP1 DO DDN Acct/Org 10/14/15 Acct/Org 10/14/15 O9/30/16 CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016 CO-9 / 10/05/2016 CO-10 / 10/13/2016 \$325.00	\$218,612.39
16NA1 FY16 NA1 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 07/08/2016 \$301.30 \$0.00	\$301.30
16NA2 FY16 NA2 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 08/08/2016 \$1,759.75 \$0.00	\$1,759.75
16OA1 FY16 OA1 DO DDN Acct/Org 11/06/15 09/30/16 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016 CO-8 / 09/19/2016 CO-9 / 09/28/2016 CO-10 / 10/05/2016 \$0.00	\$212,219.17
16OD1 FY16 OD1 DO DDN Acct/Org 11/04/15 09/30/16 CO-2 / 03/08/2016 CO-3 /04/20/2016 CO-4 / 10/05/2016 \$57,293.00 \$0.00	\$57,293.00
16SA1 FY16 SA1 DO DDN Acct/Org 11/02/15 09/30/16 CO-1 / 09/01/2016 \$20,095.72 \$0.00	\$20,095.72
16SA2 FY16 SA2 DO DDN Acct/Org 01/25/16 09/30/16 \$294.79 \$0.00	\$294.79

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16SD1	FY16 SD1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016 CO-5 / 10/05/2016	\$187,975.32	\$0.00	\$187,975.32
16SF1	FY16 SF1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016 CO-9 / 10/05/2016	\$80,561.04	\$0.00	\$80,561.04
16SK1	FY16 SK1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016 CO-8 / 10/05/2016	\$50,389.82	\$0.00	\$50,389.82
16XB1	FY16 XB1 DO DDN Acct/Org	11/06/15	09/30/16	CO- / 10/05/2016	\$530.00	\$0.00	\$530.00
16XI1	FY16 XI1 DO DDN Acct/Org	11/03/15	09/30/16	CO-1 / 02/10/2016 CO-2 / 03/08/2016 CO-3 / 04/20/2016 CO-4 / 04/28/2016 CO-5 / 10/05/2016	\$114,484.94	\$0.00	\$114,484.94
16XS1	FY16 XS1 DO DDN Acct/Org	12/14/15	09/30/16	CO-1 / 10/05/2015	\$0.00	\$0.00	\$0.00
16XX1	FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016 CO-3 / 10/05/2016	\$5,708.60	\$0.00	\$5,708.60
16ZE1	FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
						-\$2,339.38	

						OI	MB Appro	oval 2700-004
AMENDMENT OF SOLICITATION	/MODIFICATION OF	CONTRACT	1. CONTRACT IE	CODE		PAGE 1	OF	PAGES
2. AMENDMENT/MODIFICATION NO.	3. EFFECTIVE DATE	4. REQUISITION/PURCHASE	REQ. NO.	5.	PROJECT N	O. (If applic	cable)	
562	See Block 16C	420058	0592					
6. ISSUED BY CODE	BJ	7. ADMINISTERED BY (If other	r than Item 6)		C	ODE BJ:	5	
NASA Lyndon B. Johnson Space Cente		Helen Bell, Contrac	t Specialist					
Institutional Procurement Office		PH: 281.483.8149						
Houston, TX 77058		Email: helen.b.bell@	@nasa.gov					
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, coun	ty, State and ZIP: Code)		(4)	9A. AMENI	DMENT OF SC	OLICITATIO	ON NO.	
PAE Applied Technologies LLC								
Attn: Stephen Brettel, Program Manage	er			9B. DATE	(SEE ITEM	11)		
6500 West Fwy, Suite 600								
Fort Worth, TX 76116			X	NNJ08			CT/ORE	ER NO.
CODE 1JGQ2	FACILITY CODE			01/03/2	008	ITEM 13)		
	ITEM ONLY APPLIES TO	AMENDMENTS OF SOLI	CITATIONS	31,00/2				
The above numbered solicitation is amended as set for extended.				is exte	ended,		is	not
Offers must acknowledge receipt of this amendment prior	to the hour and date specified	I in the solicitation or as amen	ded, by one of the	following r	nethods:			
(a) By completing Items 8 and 15, and returning one (1 separate letter or telegram which includes a reference to DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR you desire to change an offer already submitted, such	the solicitation and amendment TO THE HOUR AND DATA S	nt numbers. FAILURE OF YO SPECIFIED MAY RESULT IN	OUR ACKNOWLED REJECTION OF Y	OGMENT OGMENT	TO BE REC ER. If by vi	EIVED AT rtue of thi	THE s ame	PLACE ndment
12. ACCOUNTING AND APPROPRIATION DATA (If required)								
SEE SCHEDULE		Net Dec	crease: - \$2	200,000.	00			
13. THIS ITEM APPL IT MODIFIES THI	IES ONLY TO MOD E CONTRACT/ORD							
(4) A. THIS CHANGE ORDER IS ISSUED PURS 10A.						RDER NO	. IN ITI	ΞM
B. THE ABOVE NUMBERED CONTRACT/OF SET FORTH IN ITEM 14, PURSUANT TO THE A		T THE ADMINISTRATIVE CHAP	IGES (such as chai	nges in payi	ing office, app	oropriation	date, e	etc.)
C. THIS SUPPLEMENTAL AGREEMENT IS E	NTERED INTO PURSUANT TO	AUTHORITY OF:						
X D. OTHER: Specify type of modification and a 1852.232-77 Limitation of Funds (I (APR 1984)	* *	MARCH 1989) 52.232-2	22 Limitation	of Funds	s (Cost Ro	eimburs	able))
E. IMPORTANT: Contractor ⊠is not, [is required to sign t	this document and ref	turn cor	oies to t	he issuir	ng offic	е.	
14. DESCRIPTION OF AMENDMENT/MODIFICAT)
The purpose of this modification:								
1. Deobligate Funds	s from Annex 5 Firm	Fixed Price in the	amount of -	\$200,0	00.00.			
2. Clause B.7 – C ORDERS (ANNE	UMULATIVE VALU X 5) is hereby modi				ED-PRI	CE DI	ELIV	'ERY
		See Page 2						
xcept at provided herein, all terms and conditions of the document re	ferenced in Item 9A or 10A, as here	etofore changed, remains unchange	ed and in full force an	d effect.				
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TIT			ER (Type o	r print)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATE NORA LEE AI	S OF AMERICA	Digitally sign	16 led by NORA LEE AL =U.S. Government, o	u=NASA, ou=Pe	ople,	
(Signature of person authorized to sign)			Contracting Officer	Date: 2016.1	0.19 13:48:07 -05'00'		LCE MLEXA	INDER

1. Contract Annex 5 funding is decreased from \$137,037,497.87 by -\$200,000.00 to \$136,837,497.87.

Contract Annex 5 Funding Recapitulation		Total Cumulative Funding		
Prior Cumulative Obligations:	\blacksquare	\$137,037,497.87		
Incrementally Fund: This Action: DeObligate from Annex 5:		\$0.00 (\$200,000.00)		
		(+,,		
Revised Cumulative Obligations:	+	\$136,837,497.87		

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3066 is \$136,837,497.87.

This allotment covers Delivery Orders 1 through 3066 from March 1, 2008 through May 5, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders 928-Recovery Act through 934-Recovery Act, 994-Recovery Act, 995-Recovery Act, 1011-Recovery Act, 1167-Recovery Act, 1168-Recovery Act, 1011-1-Recovery Act, 1201-Recovery Act, 1236-Recovery Act, 1011-2-Recovery Act, 1011-3-Recovery Act, 1011-4-Recovery Act, 1011-5-Recovery Act, 1011-7-Recovery Act, 1011-10-Recovery Act, 1011-11-Recovery Act, 1011-12-Recovery Act, 1011-13-Recovery Act, 1011-14-Recovery Act, 1397-Recovery Act, 1398-Recovery Act, 1995-1-Recovery Act, 1011-16-Recovery Act, 1011-15-Recovery Act, 1498-Recovery Act, 1499-Recovery Act, 1519-Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act, 1168-2-Recovery Act, 1011-19-Recovery Act, 1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

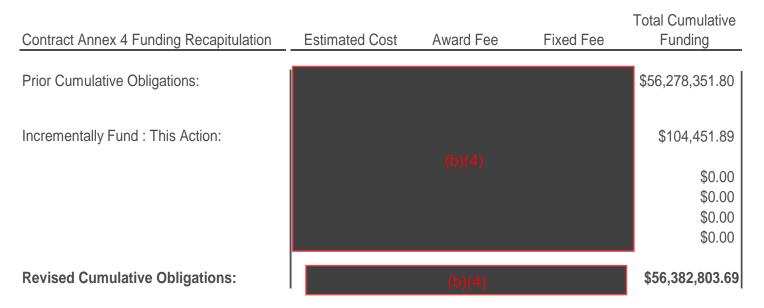
(End Clause)

OMB Approval 2700-0042 CONTRACT ID CODE OF PAGES AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT 10 2. AMENDMENT/MODIFICATION NO. 3. EFFECTIVE DATE 4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO. (If applicable) 4200607316 563 See Block 16C 6. ISSUED BY 7. ADMINISTERED BY (If other than Item 6) CODE BJ5 NASA Lyndon B. Johnson Space Center Helen Bell, Contract Specialist Institutional Procurement Office PH: 281.483.8149 Houston, TX 77058 Email: helen.b.bell@nasa.gov 8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) 9A. AMENDMENT OF SOLICITATION NO PAE Applied Technologies LLC Attn: Stephen Brettel, Program Manager 9B. DATED (SEE ITEM 11) 6500 West Fwy, Suite 600 10A. MODIFICATION OF CONTRACT/ORDER NO. Fort Worth, TX 76116 NNJ08JA02C X 10B. DATED (SEE ITEM 13) 1JGQ2 01/03/2008 CODE **FACILITY CODE** THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS 11. The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers is extended. not Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods: (a) By completing Items 8 and 15, and returning one (1) copy of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATA SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this 12. ACCOUNTING AND APPROPRIATION DATA (If required) SEE SCHEDULE \$606,637.18 Net Increase: 13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT/ORDER NO. IN ITEM (4)THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14. PURSUANT TO THE AUTHORITY OF FAR 43.103(b). THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF OTHER: Specify type of modification and authority) Χ 1852.232-77 Limitation of Funds (Fixed Price Contract) (MARCH 1989) 52.232-22 Limitation of Funds (Cost Reimbursable) (APR 1984) E. IMPORTANT: Contractor ⊠is not, ☐ is required to sign this document and return copies to the issuing office. 14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) The purpose of this modification: Incrementally Fund Annex 4 Estimated Cost in the amount of Incrementally Fund Annex 4 Fixed Fee in the amount of 2. Incrementally Fund Annex 5 Firm Fixed price in the amount of \$651,185.29. Deobligate Funds from Annex 5 Firm Fixed Price in the amount of -\$149,000.00. See Page 2

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

15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Wendy L. Fleming, Contracting Officer			
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA NORA LEE ALEXANDER TO THE STATE OF THE	16C. DATE SIGNED		
(Signature of person authorized to sign)		(Signature of Contracting Officer)			

- 3. Clause B.6 CUMULATIVE VALUE AND FUNDING FOR COST-REIMBURSABLE TASK-ORDERS (ANNEX 4) is hereby modified and replaced by the attached.
- 4. Clause B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM FIXED-PRICE DELIVERY ORDERS (ANNEX 5) is hereby modified and replaced by the attached.
- 1. Contract Annex 4 funding is increased from \$56,278,351.80 by \$104,451.89 to \$56,382,803.69.



2. Contract Annex 5 funding is increased from \$136,837,497.87 by \$502,185.29 to \$137,339,683.16.

Contract Annex 5 Funding Recapitulation		Total Cumulative Funding		
Prior Cumulative Obligations:		\$136,837,497.87		
Incrementally Fund: This Action:		\$651,185.29		
DeObligate from Annex 5:	+	(\$149,000.00)		
	-			
Revised Cumulative Obligations:	+	\$137,339,683.16		

This clause identifies the estimated cost/award-fee as well as funding for task orders issued under Annex 4. Paragraph (a) will be updated on a periodic basis to reflect the value of issued task orders. Paragraph (b) represents the funding level and will be updated on a periodic basis to increase the funding level. The ID/IQ value identified on each task order represents the amount subject to the Limitation of Funds clause.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised options YEAR's 3 thru	
L - DASE PERIOD FOR CONTRACT YEAR LAND / INCIDING EXPLOSED ONDORS YEAR'S 3 THAT	9

(a) The estimated cost of Annex 4 is (b)(4). The maximum available award fee is (b)(4). The fixed-fee is (b)(4). The total estimated cost, maximum award fee, and fixed-fee are \$56,382,803.69.

This allotment covers Task Orders 1 through 165, from March 1, 2008 through May 15, 2017.

For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders is (b)(4)

- (b) An additional amount of (b)(4) is obligated under this contract for payment of award fee.
- (c) An additional amount (b)(4) is obligated under this contract for payment of fixed fee. The total estimated cost, maximum award fee, and fixed-fee are \$56,382,803.69.

The following paragraphs (d) and (e) are applicable to IDIQ related to "STIMULUS" – American Recovery and Reinvestment Act 2009":

(b) "STIMULUS" – American Recovery Act and Reinvestment Act: The estimated cost of IDIQ is (b)(4) The maximum available fixed fee is (b)(4) The total estimated cost, maximum award fee is \$162,227.37.

This allotment covers Task Orders 74-Recovery Act, is for period September 14, 2009 through October 31, 2012.

(c) "STIMULUS" – American Recovery Act and Reinvestment Act: For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government for Task Orders <u>74-Recovery Act</u>, <u>74-1-Recovery Act</u>, <u>74-2-Recovery Act</u> is additional amount of (b)(4) is obligated under this contract for payment of fixed fee.

(End of Clause)

B.7 CUMULATIVE VALUE AND FUNDING FOR FIRM-FIXED-PRICE DELIVERY ORDERS (ANNEX 5)

This clause identifies the total fixed-price to be paid to the Contractor for acceptable performance of all services described in issued delivery orders along with the funding level. This clause will be updated on a periodic basis to reflect the value of issued delivery orders.

I. BASE PERIOD FOR CONTRACT YEAR 1 AND 2 Including Exercised Options YEAR's 3 thru 9

The total firm-fixed-price of Delivery Orders 1 through 3073 is \$137,339,683.16.

This allotment covers Delivery Orders 1 through 3073 from March 1, 2008 through May 5, 2017.

The following paragraphs (a) and (b) are applicable to IDIQ related to "STIMULUS" - American Recovery and Reinvestment Act of 2009":

(a) "STIMULUS" – American Recovery and Reinvestment Act: (1) the firm fixed price of IDIQ is \$12,521,713.69.

"STIMULUS" – American Recovery and Reinvestment Act: The total allotted amount by the Government for Delivery Orders <u>928-Recovery Act</u> through <u>934-Recovery Act</u>, <u>994-Recovery Act</u>, <u>995-Recovery Act</u>, <u>1011-Recovery Act</u>, <u>1167-Recovery Act</u>, <u>1168-Recovery Act</u>, <u>1011-1-Recovery Act</u>, <u>1201-Recovery Act</u>, <u>1236-Recovery Act</u>, <u>1011-2-Recovery Act</u>, <u>1011-3-Recovery Act</u>, <u>1011-4-Recovery Act</u>, <u>1011-5-Recovery Act</u>, <u>1011-7-Recovery Act</u>, <u>1011-12-Recovery Act</u>, <u>1011-13-Recovery Act</u>, <u>1011-14-Recovery Act</u>, <u>1397-Recovery Act</u>, <u>1398-Recovery Act</u>, <u>1995-1-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1011-15-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1499-Recovery Act</u>, <u>1519-</u>

Recovery Act, 1011-16-Recovery Act, 1011-17-Recovery Act, 1011-18-Recovery Act,1168-2-Recovery Act,1011-19-Recovery Act,1011-20-Recovery Act, 1498-1-Recovery Act, is for the period July 14 2009 through September 30, 2010 and is for a firm fixed price of \$12,521,713.69.

(End Clause)

DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
16AA1	FY16 AA1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 04-20-2015 CO-2 / 05/26/2016 CO-3 / 10/13/2016	\$1,648.17	\$0.00	\$1,648.17
16AH1	FY16 AH1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 01/21/2016 CO-3 / 02/05/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 10/13/2016	\$1,111.00	\$0.00	\$1,111.00
16CC1	FY16 CC1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/05/2016 CO-4 / 02/23/2016 CO-5 / 04/20/2016 CO-6 / 05/16/2016 C/O-7 /07/21/2016 CO-8 / 09/19/2016 CO-9 / 10/05/2017 CO-10 11/01/2016	\$283,873.12	\$13,256.00	\$297,129.12
16CD1	FY16 CD1 DO DDN Acct/Org	10/20/15	09/30/16	CO-1 / 11/04/2015 CO-2 / 01/13/2016 CO-3 / 02/03/2016 CO-4 / 02/24/2016 CO-5 / 03/08/2016 CO-6 / 04/20/2016 CO-7 / 04/28/2016 CO-7 / 04/28/2016 CO-9 / 05/26/2016 CO-10 / 06/13/2016 CO-11 / 06/29/2016 CO-12 / 07/08/2016 CO-13 / 07/21/2016 CO-14 / 08/18/2016 CO-15 / 09/28/2016 CO-16 / 10/05/2016 CO-17 / 11/01/2016	\$889,031.70	\$10,178.00	\$899,209.70
16CX1	FY16 CX1 DO DDN Acct/Org	10/27/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/23/2016 CO-3 / 04/19/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/13/2016 CO-7 / 07/21/2016 CO-8 / 08/08/2016 CO-9 / 08/18/2016 CO-10 / 09/01/2016 CO-11 / 10/05/2016	\$116,251.00	\$0.00	\$116,251.00
16EA1	FY16 EA1 DO DDN Acct/Org	12/02/15	09/30/16	CO-1 / 02/08/2016 CO-2 / 02/09/2016 CO-3 / 03/23/2016 CO-4 / 07/21/2016 CO-5 / 08/08/2016 CO-6 / 10/05/2016	\$7,601.35	\$0.00	\$7,601.35
16EA5	FY16 EA5 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 04/01/2016 CO-2 / 07/21/2016	\$10,929.45	\$0.00	\$10,929.45

							Page 5
16EC1	FY16 EC1 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 02/05/2016 CO-2 / 02/23/2016 CO-3 / 02/24/2016 CO-4 / 03/08/2016 CO-5 / 04/01/2016 CO-6 / 4/20/2016 CO-7 / 04/28/2016 CO-8 / 05/16/2016 CO-9 / 05/26/2016 CO-10 / 06/29/2016 CO-11 / 07/21/2016 CO-12 / 08/08/2016 CO-13 / 08/18/2016 CO-14 / 09/01/2016 CO-15 / 09/28/2016 CO-16 / 10/05/2016	\$161,385.72	\$0.00	\$161,385.72
16EC2	FY16 EC2 DO DDN Acct/Org	11/09/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/21/2016 CO-3 / 2/17/2016 CO-4 / 03/08/2016 CO-5 / 07/08/2016 CO-6 / 07/21/2016 CO-7 / 08/18/2016 CO-8 / 09/01/2016 CO-9 / 10/05/2016	\$146,077.85	\$0.00	\$146,077.85
16EG1	FY16 EG1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 11/19/2015 CO-2 / 02/29/2016 CO-3 / 04/01/2016 CO-4 / 04/20/2016 CO-5 / 05/16/2016 CO-6 / 05/26/2016 CO-7 / 06/13/2016 CO-8 / 06/29/2016 CO-9 / 07/08/2016 C/O-10 / 07/21/2016 CO-11 / 08/08/2016 CO-12 / 09/19/2016	\$43,240.59	\$0.00	\$43,240.59
16EP1	FY16 EP1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 10/29/2015 CO-2 / 12/02/2015 CO-3 / 02/05/2016 CO-4 / 02/16/2016 CO-5 / 04/1/2016 CO-6 / 4/28/2016 CO-7 / 05/16/2016 CO-8 / 05/26/2016 CO-9 / 07/08/2016 CO-10 / 10/05/2016	\$268,940.33	\$0.00	\$268,940.33
16ER1	FY16 ER1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/02/2015 CO-2 / 01/06/2016 CO-3 / 02/19/2016 CO-4 / 02/23/2016 CO-5 / 03/08/2016 CO-6 / 03/23/2016 CO-7 / 04/20/2016 CO-8 / 04/28/2016 CO-9 / 05/16/2016 CO-10 / 05/26/2016 CO-11 / 07/08/2016 CO-12 / 07/21/2016 CO-13 / 08/08/2016	\$28,890.80	\$0.00	\$28,890.80
16ES1	FY16 ES1 DO DDN Acct/Org	10/28/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/18/2016 CO-3 / 04/28/2016 CO-4 / 06/13/2016 CO-5 / 10/05/2016	\$14,065.10	\$0.00	\$14,065.10

							Page (
16EV1	FY16 EV1DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/04/2016 CO-3 / 03/16/2016 CO-4 / 04/28/2016 CO-5 / 05/16/2016 CO-6 / 06/29/2016 CO-7 / 07/08/2016 CO-8 / 07/21/2016 CO-9 / 08/08/2016 CO-10 / 08/18/2016 CO-11 / 09/19/2016 CO-12 / 09/28/2016	\$74,255.97	\$0.00	\$74,255.97
16GA1	FY16 GA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 12/14/2015 CO-2 / 02/03/2016 CO-3 / 02/09/2016 CO-4 / 10/05/2016	\$52,594.44	\$0.00	\$52,594.44
16IA1	FY16 IA1 DO DDN Acct/Org	10/29/15	09/30/16	CO-1 / 02/18/2016 CO-2 / 04/20/2016 CO-3 / 05/16/2016 CO-4 / 06/29/2016 CO-5 / 08/08/2016 CO-6 / 09/01/2016 CO-7 / 09/19/2016 CO-8 / 11/01/2016	\$70,945.46	\$5,000.00	\$75,945.46
16JA1	FY16 JA1 DO DDN Acct/Org	10/15/15	09/30/16	CO-1 / 02/01/2016 CO-2 / 02/03/2016 CO-3 / 02/08/2016 CO-4 / 03/16/2016 CO-5 / 04/20/2016 CO-6 / 06/13/2016 CO-7 / 09/19/2016	\$170,509.01	\$0.00	\$170,509.01
16JB1	FY16 JB1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 11/09/2015 CO-2 / 02/08/2016 CO-3 / 04/20/2016 CO-4 / 10/05/2016	\$27,643.96	\$0.00	\$27,643.96
16JE1	FY16 JE1 DO DDN Acct/Org	02/17/16	09/30/16	CO-1 / 03/16/2016 CO-2 / 08/08/2016	\$7,500.00	\$0.00	\$7,500.00
16JP1	FY16 JP1 DO DDN Acct/Org	10/14/15	09/30/16	CO-1 / 11/03/2015 CO-2 / 11/06/2015 CO-3 / 12/14/2015 CO-4 / 01/21/2016 CO-5 / 03/08/2016 CO-6 /04/20/2016 CO-7 / 06/29/2016 CO-8 / 07/08/2016 CO-9 / 10/05/2016 CO-10 / 10/13/2016	\$218,612.39	\$0.00	\$218,612.39
16NA1	FY16 NA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 07/08/2016 CO-2 / 10/05/2016	\$301.30	\$0.00	\$301.30
16NA2	FY16 NA2 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 08/08/2016	\$1,759.75	\$0.00	\$1,759.75
16OA1	FY16 OA1 DO DDN Acct/Org	11/06/15	09/30/16	CO-1 / 12/15/2015 CO-2 / 01/08/2016 CO-3 / 02/03/2016 CO-4 / 05/16/2016 CO-5 / 06/13/2016 CO-6 / 06/29/2016 CO-7 / 07/21/2016 CO-8 / 09/19/2016 CO-9 / 09/28/2016 CO-10 / 10/05/2016 CO-11 / 11/01/2016	\$212,219.17	\$5,863.00	\$218,082.17
16OD1	FY16 OD1 DO DDN Acct/Org	11/04/15	09/30/16	CO-1 / 02/29/2016 CO-2 / 03/08/2016 CO-3 /04/20/2016 CO-4 / 10/05/2016	\$57,293.00	\$0.00	\$57,293.00
16SA1	FY16 SA1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 09/01/2016 CO-2 / 10/05/2016	\$20,095.72	\$0.00	\$20,095.72

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16SA2	FY16 SA2 DO DDN Acct/Org	01/25/16	09/30/16		\$294.79	\$0.00	\$294.79
16SD1	FY16 SD1 DO DDN Acct/Org	11/02/15	09/30/16	CO-1 / 11/06/2015 CO-2 / 01/06/2016 CO-3 / 03/16/2016 CO-4 / 09/01/2016 CO-5 / 10/05/2016	\$187,975.32	\$0.00	\$187,975.32
16SF1	FY16 SF1 DO DDN Acct/Org	10/16/15	09/30/16	CO-1 / 01/08/2016 CO-2 / 02/05/2016 CO-3 / 04/20/2016 CO-4 / 05/16/2016 CO-5 / 05/26/2016 CO-6 / 06/13/2016 CO-7 / 07/08/2016 CO-8 / 08/18/2016 CO-9 / 10/05/2016	\$80,561.04	\$0.00	\$80,561.04
16SK1	FY16 SK1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/02/2015 CO-2 / 12/10/2015 CO-3 / 01/08/2016 CO-4 / 01/25/2016 CO-5 / 02/03/2016 CO-6 / 02/16/2016 CO-7 / 03/16/2016 CO-8 / 10/05/2016	\$50,389.82	\$0.00	\$50,389.82
16XB1	FY16 XB1 DO DDN Acct/Org	11/06/15	09/30/16	CO- / 10/05/2016	\$530.00	\$0.00	\$530.00
16XI1	FY16 XI1 DO DDN Acct/Org	11/03/15	09/30/16	CO-1 / 02/10/2016 CO-2 / 03/08/2016 CO-3 / 04/20/2016 CO-4 / 04/28/2016 CO-5 / 10/05/2016	\$114,484.94	\$0.00	\$114,484.94
16XS1	FY16 XS1 DO DDN Acct/Org	12/14/15	09/30/16	CO-1 / 10/05/2015	\$0.00	\$0.00	\$0.00
16XX1	FY16 XX1 DO DDN Acct/Org	10/13/15	09/30/16	CO-1 / 11/10/2015 CO-2 / 02/01/2016 CO-3 / 10/05/2016	\$5,708.60	\$0.00	\$5,708.60
16ZE1	FY16 ZE1 DO DDN Acct/Org	02/03/16	09/30/16		\$13.04	\$0.00	\$13.04
						\$34,297.00	

DO#	Delivery Order	Start Date	Completion Date	Modification Received	Previous Funded Amount	Change \$ Amount - This Modification	Total
17AA1	FY17 AA1 DO DDN Acct/Org	10/13/16	09/30/17		\$301.24	\$0.00	\$301.24
17AH1	FY17 AH1 DO DDN Acct/Org	10/13/16	09/30/17		\$2,363.14	\$0.00	\$2,363.14
17BA1	FY17 BA1 DO DDN Acct/Org	11/01/16	09/30/17		\$0.00	\$273.36	\$273.36
17CC1	FY17 CC1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$75,111.11	\$236,744.00	\$311,855.11
17CD1	FY17 CD1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$257,678.60	-\$10,178.00	\$247,500.60
17CX1	FY17 CX1 DO DDN Acct/Org	10/05/16	09/30/17		\$24,293.00	\$0.00	\$24,293.00
17EA1	FY17 EA1 DO DDN Acct/Org	10/05/16	09/30/17		\$1,328.31	\$0.00	\$1,328.31
17EA5	FY17 EA5 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17EC1	FY17 EC1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 11/01/2016	\$962.25	\$1,898.10	\$2,860.35

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17EC2	FY17 EC2 DO DDN Acct/Org	10/05/16	09/30/17		\$4,174.90	\$0.00	\$4,174.90
17EG1	FY17 EG1 DO DDN Acct/Org	11/01/16	09/30/17		\$0.00	\$9,176.00	\$9,176.00
17EP1	FY17 EP1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$119,945.24	\$0.00	\$119,945.24
17ER1	FY17 ER1 DO DDN Acct/Org	10/13/16	09/30/17		\$9,133.50	\$0.00	\$9,133.50
17ES1	FY17 ES1 DO DDN	10/05/16	09/30/17	CO-1 / 10/13/2016	\$2,994.79	\$0.00	\$2,994.79
17EV1	Acct/Org FY17 EV1DO DDN	11/01/16	09/30/17		\$0.00	\$659.00	\$659.00
	Acct/Org FY17 GA1 DO DDN	10/05/16	09/30/17		\$493.61		\$493.61
17GA1	Acct/Org FY17 IA1 DO DDN		09/30/17		\$0.00	\$0.00	\$0.00
17IA1	Acct/Org FY17 JA1 DO DDN	10/13/16	09/30/17		\$40,000.00	\$0.00	\$40,000.00
17JA1	Acct/Org FY17 JB1 DO DDN			CO / 10/12/2016		\$0.00	
17JB1	Acct/Org FY17 JE1 DO DDN	10/05/16	09/30/17	CO- / 10/13/2016	\$11,404.22	\$0.00	\$11,404.22
17JE1	Acct/Org FY17 JJ1 DO DDN	10/13/16	09/30/17		\$20,750.00	\$0.00	\$20,750.00
17JJ1	Acct/Org	10/13/16	09/30/17		\$10,000.00	\$0.00	\$10,000.00
17JP1	FY17 JP1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016	\$379,197.96	\$0.00	\$379,197.96
17NA1	FY17 NA1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 11/01/2016	\$273.94	\$5,000.00	\$5,273.94
17NA2	FY17 NA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
170A1	FY17 OA1 DO DDN Acct/Org	09/28/16	09/30/17	CO-1 / 10/05/2016 CO-2 / 10/13/2016 CO-3 / 11/01/2016	\$190,349.93	-\$5,863.00	\$184,486.93
170D1	FY17 OD1 DO DDN Acct/Org	10/05/16	09/30/17		\$4,227.08	\$0.00	\$4,227.08
17SA1	FY17 SA1 DO DDN Acct/Org	10/05/16	09/30/17		\$1,890.44	\$0.00	\$1,890.44
17SA2	FY17 SA2 DO DDN Acct/Org		09/30/17		\$0.00	\$0.00	\$0.00
17SD1	FY17 SD1 DO DDN Acct/Org	10/05/16	09/30/17		\$3,428.62	\$0.00	\$3,428.62
17SF1	FY17 SF1 DO DDN Acct/Org		09/30/17		\$11,245.49	\$0.00	\$11,245.49
17SK1	FY17 SK1 DO DDN Acct/Org	10/05/16	09/30/17	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$30,691.37	\$20,000.00	\$50,691.37
17XI1	FY17 XI1 DO DDN Acct/Org	10/05/16	09/30/17		\$12,591.32	\$0.00	\$12,591.32
17XX1	FY17 XX1 DO DDN Acct/Org	10/05/16	09/30/17		\$584.84	\$0.00	\$584.84
				•		\$257 709 46	

\$257,709.46

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Task Order (T.O.)	Title	Change Order Received	Previous Amount Funded Cost	T.O. COST Amount	Previous Amount Funded Fee	Fixed Fee (5.5%)	Total Funded
17AH1	FY17 AH1 TO DDN Org		\$86.35	\$0.00		\$0.00	\$86.35
17BA1	FY17 BA1 TO DDN Facilities & Maintenance & Org		\$2.24	\$0.00		\$0.00	\$2.24
17CA1	FY17 CA1 TO DDN Facilities & Maintenance	CO-1 / 10/13/2016	\$91,419.11	\$0.00	\$1,650.00	\$0.00	\$93,069.11
17CC1	FY17 CC1 TO DDN Facilities & Maintenance Org		\$45,000.00	\$0.00		\$0.00	\$45,000.00
17CD1	FY17 CD1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$7,548.58	\$30,000.00		\$1,650.00	\$39,198.58
17EC1	FY17 EC1 TO DDN Org	CO-1 / 11/01/2016	\$693.45	\$5,000.00		\$275.00	\$5,968.45
17EC2	FY17 EC2 TO DDN Org	CO-1 / 11/01/2016	\$1,500.00	\$5,000.00		\$275.00	\$6,775.00
17EP1	FY17 EP1 TO DDN Org	CO-1 / 10/13/2016	\$28,627.64	\$0.00	\$1,375.00	\$0.00	\$30,002.64
17ER1	FY17 ER TO DDN Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17ES1	FY17 ES1 TO DDN Manufacturing Org		\$20,241.97	\$0.00	\$715.00	\$0.00	\$20,956.97
17ES3	FY17 TO DDN ES3 ARCJET Org	CO-1 / 10/13/2016	\$8,098.38	\$0.00	\$229.85	\$0.00	\$8,328.23
17ES4	FY17 TO DDN ES4 ARCJET Org	CO-1 / 10/13/2016	\$5,613.70	\$0.00	\$137.50	\$0.00	\$5,751.20
17ES6	FY17 ES6 TO DDN Acct Org	CO-1 / 10/13/2016	\$3,829.31	\$0.00		\$0.00	\$3,829.31
17ES7	FY17 ES7 TO DDN Org	CO-1 / 10/13/2016	\$6,000.00	\$0.00		\$0.00	\$6,000.00
17EV1	FY17 EV1 TO DDN Facilities & Maintenance Org		\$505.80	\$0.00	\$4.89	\$0.00	\$510.69
17JA1	FY17 JA1 TO DDN Org	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$30,486.98	\$15,000.00	\$1,650.00	\$825.00	\$47,961.98
17JA2	FY17 JA2 TO DDN Rigging Org		\$230,000.00	\$0.00	\$9,900.00	\$0.00	\$239,900.00
17JA5	FY17 JA5 TO DDN WILDLIFE Org	CO-1 / 10/13/2016	\$150,725.06	\$0.00	\$8,226.00	\$0.00	\$158,951.06
17JB1	FY17 JB1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$15,729.94	\$0.00	\$757.42	\$0.00	\$16,487.36
17JJ1	FY17 JJ TO DDN Facilities & Maintenance Org		\$10,000.00	\$0.00	\$550.00	\$0.00	\$10,550.00
17JP1	FY17 JP1 TO DDN Org		\$10,000.00	\$0.00	\$550.00	\$0.00	\$10,550.00
17JS1	FY17 JS1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,606.01	\$0.00	\$17.60	\$0.00	\$3,623.61
170A1	FY17 OA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$11,691.60	\$0.00	\$1,559.63	\$0.00	\$13,251.23
170G1	FY17 OG1 TO DDN Acct Org		\$4,263.00	\$0.00	\$0.00	\$0.00	\$4,263.00
17SD1	FY17 SD1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$8,254.20	\$0.00	\$56.26	\$0.00	\$8,310.46

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17SF1	FY17 SF1 TO DDN Facility & Maintenance Org	CO-1 / 10/13/2016	\$10,531.26	\$0.00	\$0.00	\$0.00	\$10,531.26
17SK1	FY17 SK1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$21,428.90	\$0.00	\$390.72	\$0.00	\$21,819.62
17XA1	FY17 XA TO DDN Acct Facilities & Maintenance Org		\$0.00	\$0.00		\$0.00	\$0.00
17XI1	FY17 XI1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$5,397.40	\$0.00	\$49.44	\$0.00	\$5,446.84
17CX1	FY17 CX1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016 CO-2 / 11/01/2016	\$20,203.73	\$30,000.00	\$550.00	\$1,650.00	\$52,403.73
17EA1	Morpheus -FY17 EA1 TO DDN Org	CO-1 / 10/13/2016	\$6,886.03	\$0.00	\$24.80	\$0.00	\$6,910.83
17GA1	FY17 GA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,476.85	\$0.00	\$0.00	\$0.00	\$3,476.85
17EG1	FY17EG1 TO DDN Facilities & Maintenance Org		\$258.96	\$0.00	\$71.27	\$0.00	\$330.23
17IA1	FY17 IA1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$3,883.62	\$0.00	\$2,283.09	\$0.00	\$6,166.71
17IA2	FY17 IA2 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$775.16	\$0.00	\$1,643.11	\$0.00	\$2,418.27
17XX1	FY17 XX1 TO DDN Acct Facilities & Maintenance Org		\$3,000.00	\$0.00	\$0.00	\$0.00	\$3,000.00
17JE1	FY17 JE1 TO DDN Facilities & Maintenance Org	CO-1 / 10/13/2016	\$4,611.18	\$0.00	\$20.92	\$0.00	\$4,632.10
170D1	FY17 OD1 TO DDN Facilities & Maintenance Org		\$32.48	\$0.00	\$2.76	\$0.00	\$35.24
17CX2	FY17 CX2 TO DDN Facilities & Maintenance Org		\$20,500.00	\$0.00	\$0.00	\$0.00	\$20,500.00
17WR1	FY17 WR1 TO DDN Facilities & Maintenance Org		\$6,365.80	\$0.00	\$0.00	\$0.00	\$6,365.80
17NA1	FY17 NA1 TO DDN Manufacturing Org		\$0.00	\$0.00	\$28.15	\$0.00	\$28.15
				\$85,000.00		\$4,675.00	