

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

1. CONTRACT ID CODE 12	PAGE OF PAGES 1 4
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2. AMENDMENT/MODIFICATION NO. 0061	3. EFFECTIVE DATE PS43	4. REQUISITION/PURCHASE REQ. NO. N/A	5. PROJECT NO. (If applicable) MSFOC
6. ISSUED BY CODE	7. ADMINISTERED BY (If other than Item 6) CODE	MKG	

Procurement Office
George C. Marshall Space Flight Center
National Aeronautics and Space Administration
Marshall Space Flight Center, AL 35812

PS43/JOSEPH L. EVERSOLE (256) 544-3196

8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and Zip Code) JACOBS TECHNOLOGY INC. MSFOC GROUP 13800 OLD GENTILLY ROAD, BLDG 320 NEW ORLEANS, LA 70129-2218 ATTN: MIKE DAWSON (931) 455-6400 CODE 07486 - CAGE FACILITY CODE	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	X	10A. MODIFICATION OF CONTRACT/ORDER NO. NNM09AA20C
		10B. DATED (SEE ITEM 13) 05/01/2009

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, 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 _____ copies 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 ACKNOWLEDGEMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

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

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

	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:
X	D. OTHER (Specify type of modification and authority) 41.103(a)(3) Bilateral Modifications

E. IMPORTANT: Contractor is not is required to sign and return three (3) original copies to the issuing office.

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

	<u>Contract Amount</u>	<u>Alloted Funding</u>
Previous Contract Amount	\$ 228,622,864	\$ 213,095,903.70
Increase this Modification	\$ 2,351,674	\$ 5,397,347.51
New Contract Amount	\$ 230,974,538	\$ 218,493,251.21

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

15A. NAME AND TITLE OF SIGNER (Type or print) Michael C. Dawson, Vice President & General Manager MAF Group, Jacobs Technology, Inc.	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Joseph L. Eversole Contracting Officer
15B. CONTRACTOR/OFFEROR (Signature of person authorized to sign)	16B. UNITED STATES OF AMERICA BY _____ (Signature of Contracting Officer)
15C. DATE SIGNED	16C. DATE SIGNED

14. **DESCRIPTION OF AMENDMENT/MODIFICATION (continued):**

(A) Clause B.2, **ESTIMATED COST AND AWARD FEE (1852.216-85) (SEP 1993)**, as set forth in Table B-1 of the contract, is hereby increased by (b)(4) to incorporate task order values in Attachment J-16. The following recapitulation sets forth current contract values.

Section B-2 Estimated Cost and Award Fee is changed from:

The total estimated cost of this contract is (b)(4) for CLIN 1 - 9. The total award fee for this contract is (b)(4) for CLIN 1,2,4,5,7,and 8. The total estimated cost for Option Years 1 and 2 is (b)(4) for CLIN 10 - 15. The total award fee for the Option Years 1 and 2 is (b)(4) for CLIN 10, 11, 13, and 14. The total estimated cost of this contract is (b)(4) with total award fee of (b)(4) for a total contract value of **\$310,179,329.**

to:

The total estimated cost of this contract is (b)(4) for CLIN 1 - 9. The total award fee for this contract is (b)(4) for CLIN 1,2,4,5,7,and 8. The total estimated cost for Option Years 1 and 2 is (b)(4) for CLIN 10 - 15. The total award fee for the Option Years 1 and 2 is (b)(4) for CLIN 10, 11, 13, and 14. The total estimated cost of this contract is (b)(4) with total award fee of (b)(4) for a total contract value of **\$314,251,949.**

Table B-1 is changed from:

TABLE B-1, ESTIMATED COST AND AWARD FEE (AF)					
CLIN	Description	TOTAL ESTIMATED COST	TOTAL MAXIMUM POTENTIAL AWARD FEE	TOTAL EARNED AWARD FEE	TOTAL VALUE
1	Mission Services for Yr 1	(b)(4)		\$2,447,216	\$33,476,993
2	J-1 PWS IDIQ Task Orders for Year 1			\$775,236	\$10,669,375
3	J-2 PWS IDIQ Task Orders for Year 1			N/A	\$30,400,756
Total CLIN					\$74,547,124
4	Mission Services for Yr 2			\$2,613,298	\$35,446,755
5	J-1 PWS IDIQ Task Orders for Yr 2			\$1,261,581	\$17,153,385
6	J-2 PWS IDIQ Task Orders for Yr 2			N/A	\$34,257,227
Total CLIN					\$86,857,367
7	Mission Services for Yr 3				\$36,140,894
8	J-1 PWS IDIQ Task Orders for Yr 3		\$13,430,924		
9	J-2 PWS IDIQ Task Orders for Yr 3		N/A	\$17,646,556	
Total CLIN 7, 8, and 9			\$67,218,373		

to:

TABLE B-1, ESTIMATED COST AND AWARD FEE (AF)					
CLIN	Description	TOTAL ESTIMATED COST	TOTAL MAXIMUM POTENTIAL AWARD FEE	TOTAL EARNED AWARD FEE	TOTAL VALUE
1	Mission Services for Yr 1	(b)(4)		\$2,447,216	\$33,476,993
2	J-1 PWS IDIQ Task Orders for Year 1	(b)(4)		\$775,236	\$10,669,375
3	J-2 PWS IDIQ Task Orders for Year 1	(b)(4)		N/A	\$30,400,756
Total CLIN 1, 2 and 3					\$74,547,124
4	Mission Services for Yr 2	(b)(4)		\$2,613,298	\$35,446,755
5	J-1 PWS IDIQ Task Orders for Yr 2	(b)(4)		\$1,261,581	\$17,153,385
6	J-2 PWS IDIQ Task Orders for Yr 2	(b)(4)		N/A	\$34,257,227
Total CLIN 4, 5 and 6					\$86,857,367
7	Mission Services for Yr 3	(b)(4)			\$36,140,894
8	J-1 PWS IDIQ Task Orders for Yr 3	(b)(4)			\$15,959,968
9	J-2 PWS IDIQ Task Orders for Yr 3	(b)(4)		N/A	\$17,469,185
Total CLIN 7, 8, and 9					\$69,570,047

Table B-2 is changed from:

TABLE B-2, MISSION SERVICES - OPTION VALUES					
CLIN	DESCRIPTION	TOTAL ESTIMATED	TOTAL MAXIMUM	TOTAL EARNED	TOTAL VALUE
10	Mission Services for Yr 4 (Option 1)	(b)(4)			\$37,286,494
11	J-1 PWS IDIQ Task Orders for Yr 4 (Option 1)	(b)(4)			\$1,796,178
12	J-2 PWS IDIQ Task Orders for Yr 4 (Option 1)	(b)(4)		N/A	\$4,448,837
					10, 11, and 12 \$43,531,509
13	Mission Services for Yr 5 (Option 2)	(b)(4)			\$37,955,497
14	J-1 PWS IDIQ Task Orders for Yr 5 (Option 2)	(b)(4)			\$69,459
15	J-2 PWS IDIQ Task Orders for Yr 5 (Option 2)	(b)(4)		N/A	TBD
CLIN 13, 14, and 15					\$38,024,956

to:

TABLE B-2, MISSION SERVICES - OPTION VALUES					
CLIN	DESCRIPTION	TOTAL ESTIMATED COST	TOTAL MAXIMUM POTENTIAL	TOTAL EARNED AWARD FEE	TOTAL VALUE
10	Mission Services for Yr 4 (Option 1)	(b)(4)			\$37,286,494
11	J-1 PWS IDIQ Task Orders for Yr 4 (Option 1)	(b)(4)			\$3,383,474
12	J-2 PWS IDIQ Task Orders for Yr 4 (Option 1)	(b)(4)		N/A	\$4,566,806
					CLIN 10, 11, and 12 \$45,236,774
13	Mission Services for Yr 5 (Option 2)	(b)(4)			\$37,955,497
14	J-1 PWS IDIQ Task Orders for Yr 5 (Option 2)	(b)(4)			\$85,140
15	J-2 PWS IDIQ Task Orders for Yr 5 (Option 2)	(b)(4)		N/A	TBD
CLIN 13, 14, and 15					\$38,040,637

(B) Clause B.5, **AWARD FEE SCORES**, as set forth on page B-5 of the contract, is hereby revised to reflect revised Award Fee pools as result of this modification.

(C) Clause B.6, **CONTRACT FUNDING (1852.233-81) (JUN 1990)**, as set forth on page B-5 of the contract, is hereby increased by **\$5,397,347** as result of this modification.

Financial and Accounting Data to be revised:

PR #	4200419274
Internal Order	FC000000
Cost Center	62SF02/62EO40/62MP11/62SF01/62EM4
Fund Center	62

WBS Element	Fund	Amount
271467.01.02.01	EXCX22011D	\$533,800.00
804911.02.08.4C.SF36.12	CASX12012R	\$155.00
804911.02.08.45.SF36.12	CASX12012R	\$34,325.00
804911.02.08.4A.SF36.12	CASX12012R	\$4,421.00
804911.02.08.45.SF27.12	CASX12012R	\$275.00
804911.02.08.4A.SF3M.12	CASX12012R	\$8,465.00
804911.02.08.4B.SF36.12	CASX12012R	\$44,118.00
804911.02.08.35.SF6G.12	CASX12012R	\$4,986.00
804911.02.08.35.SF6C.12	CASX12012R	\$28,607.00
747797.02.10.99.08	EXPX22012D	\$3,700.00
804911.02.08.4B.SF35.12	CASX12012R	\$14,000.00
804911.02.08.45.SF44.12	CASX12012R	\$451.76
573754.09.02.08.01.02	EXPX22012D	\$20,000.00
921179.01.08.11.AS73.12	CASX12012R	\$4,972.75
585777.01.10.10	EXPX22012D	\$4,500,000.00
804911.02.08.45.SF43.12	CASX12012R	\$164,096.00
804911.02.08.35.SF6E.12	CASX12012R	\$14,440.00
585777.08.30.95.62	EXPX22012D	\$9,207.00
585777.02.80.08.60.10	EXPX22012D	\$7,328.00

The following recapitulation sets forth current funded amounts.

(D) **Attachment J-16 IDIQ List of Task Orders** is hereby revised to update Task Order Values and incorporate Task Orders 182J-1 through 200J-1 and 190J-2.

(E) As a result of this modification, the following pages of the contract are hereby deleted and replaced with a new page as indicated below.

<u>Attachments</u>	<u>Replacement Added Page(s)</u>
<u>Page(s) Deleted</u>	
B-1 and B-2 (Mod 0060)	B-1 and B-2 (Mod 0061)
B-5 (Mod 0060)	B-5 (Mod 0061)
J-16 (Mod 0060)	J-16 (Mod 0061)

B-1 SERVICES TO BE FURNISHED AND TYPE OF CONTRACT

A. Consistent with NASA's most important core value of safety - safety of the public, safety of the astronauts and pilots, safety of our workforce, and safety of our equipment and property: The Contractor shall provide all resources (except as expressly stated in the contract as furnished by the Government) necessary to furnish the services delineated in the Performance Work Statement (PWS) in Attachment J-1, entitled: "Michoud Assembly Facility Manufacturing Support and Facilities Operations Contract (MSFOC)" and Attachment J-2, entitled: "MSFOC Facilities PWS."

B. The services will be procured under two separate portions, Mission Services (MS) and Indefinite Delivery/Indefinite Quantity (IDIQ). The requirement is being procured on a cost-plus-award-fee basis. The contract and supporting data are organized as shown below:

[1] The Mission Services portion covers work identified in Section 1.0 – 10.0 of the Attachment J-1, MSFOC PWS. Project management and administrative resources necessary to manage both the Mission and the IDIQ contract portions are covered in the Mission Services.

[2] IDIQ task orders will be used to procure those services identified in Section 11.0 of Attachment J-1, MSFOC PWS and Section 1.0 - 8.0 of Attachment J-2, MSFOC Facilities PWS that cannot be predetermined or quantified in advance.

(End of Clause)

B-2 1852.216-85 ESTIMATED COST AND AWARD FEE (SEP 1993)

A. The total estimated cost of this contract is (b)(4) for CLIN 1 - 9. The total award fee for this contract is (b)(4) for CLIN 1,2,4,5,7,and 8. The total estimated cost for Option Years 1 and 2 is (b)(4) for CLIN 10 - 15. The total award fee for the Option Years 1 and 2 is (b)(4) for CLIN 10, 11, 13, and 14. The total estimated cost of this contract is (b)(4) with total award fee of (b)(4) for a total contract value of **\$314,251,949.**

B. Table B-1 reflects the contract values of individual contract line items (CLINs) and is set forth below:

TABLE B-1, ESTIMATED COST AND AWARD FEE (AF)

CLIN	Description	TOTAL ESTIMATED COST	TOTAL MAXIMUM POTENTIAL AWARD FEE	TOTAL EARNED AWARD FEE	TOTAL VALUE
1	Mission Services for Yr 1	(b)(4)		\$2,447,216	\$33,476,993
2	J-1 PWS IDIQ Task Orders for Year 1			\$775,236	\$10,669,375
3	J-2 PWS IDIQ Task Orders for Year 1			N/A	\$30,400,756
Total CLIN 1, 2 and 3					\$74,547,124
4	Mission Services for Yr 2	(b)(4)		\$1,321,554	\$35,446,755
5	J-1 PWS IDIQ Task Orders for Yr 2			\$834,523	\$17,153,385
6	J-2 PWS IDIQ Task Orders for Yr 2			N/A	\$34,257,227
Total CLIN 4, 5 and 6					\$86,857,367
7	Mission Services for Yr 3	(b)(4)			\$36,140,894
8	J-1 PWS IDIQ Task Orders for Yr 3				\$15,959,968
9	J-2 PWS IDIQ Task Orders for Yr 3			N/A	\$17,469,185
Total CLIN 7, 8 and 9					\$69,570,047

If the Government exercises any of its Options pursuant to the terms of the contract, the estimated costs and fees for each Mission Services CLIN shall be as set forth in Table B-2 below.

TABLE B-2, MISSION SERVICES - OPTION VALUES

CLIN	DESCRIPTION	TOTAL ESTIMATED COST	TOTAL MAXIMUM POTENTIAL AWARD FEE	TOTAL EARNED AWARD FEE	TOTAL VALUE
10	Mission Services for Yr 4 (Option 1)	(b)(4)			\$37,286,494
11	J-1 PWS IDIQ Task Orders for Yr 4 (Option 1)				\$3,383,474
12	J-2 PWS IDIQ Task Orders for Yr 4 (Option 1)			N/A	\$4,566,806
CLIN 10, 11, and 12					\$45,236,774
13	Mission Services for Yr 5 (Option 2)	(b)(4)			\$37,955,497
14	J-1 PWS IDIQ Task Orders for Yr 5 (Option 2)				\$85,140
15	J-2 PWS IDIQ Task Orders for Yr 5 (Option 2)			N/A	TBD
CLIN 13, 14, and 15					\$38,040,637

B-5 AWARD FEE SCORES

The amount of award fee earned shall be determined in accordance with Section J, Attachment J-5, *Performance Evaluation Plan*, and B.4, "1852.216-76 Award Fee for Service Contracts." The following tables specify the award fee available and award fee earned. NASA will make provisional and final earned award fee payments in accordance with B.4, "1852.216-76 Award Fee for Service Contracts."

AWARD FEE PERIOD		AWARD FEE	
FROM	TO	AVAILABLE	EARNED
BASE PERIOD			
1-May-09	31-Oct-09	(b)(4)	\$1,537,924
1-Nov-09	30-Apr-10	(b)(4)	\$1,684,528
1-May-10	31-Oct-10	(b)(4)	\$2,156,077
1-Nov-10	30-Apr-11	(b)(4)	\$1,718,802
1-May-11	31-Oct-11	(b)(4)	
1-Nov-11	30-Apr-12	(b)(4)	
OPTION YEAR 1			
1-May-12	31-Oct-12	(b)(4)	
1-Nov-12	30-Apr-13	(b)(4)	
OPTION YEAR 2			
1-May-13	31-Oct-13	(b)(4)	
1-Nov-13	30-Apr-14	(b)(4)	

B-6 1852.232-81 CONTRACT FUNDING (JUN 1990)

- A. For purposes of payment of cost, exclusive of fee, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is (b)(4). This allotment is for the MAF Manufacturing Support and Facility Operations Contract and covers the following estimated period of performance: May 1, 2009 through February 15, 2012.
- B. An additional amount of (b)(4) is obligated under this contract for payment of fee.

	Previous	This Action	Total
Estimated Cost:			
Operations	(b)(4)		
Construction of Facilities	(b)(4)		
Provisional Award Fee:			
Earned Award Fee:	\$ 7,097,331	\$ -	\$ 7,097,331
Total Sum Allotted:	\$ 213,095,902	\$ 5,397,347	\$ 218,493,249

(End of Clause)

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
001	Phase In Support	05/01/2009 - 06/30/2009	(b)(4)		\$78,173
002	CMMS System	05/01/2009 - 06/30/2009			\$1,199,936
003	ET PSLE Support	05/01/2009 - 10/01/2010			\$1,738,204
004	PSLE Support for Orion	05/01/2009 - 10/01/2010			\$408,127
005	PSLE Support for ARES Upper Stage	05/01/2009 - 10/01/2010			\$348,439
006	GIS - Engineering Assessment-Cancelled				\$0
007	PSLE Support for NCAM	06/10/2009 - 07/02/2009			\$749,473
010	MAF Bldg 103 Vertical Assembly Building CoF	06/22/2009 - 09/30/2010			\$25,656
011	Site Promotion and Development Support	06/22/2009 - 09/30/2010			\$527,760
012	Provide Maint/Site Svcs to USDA	07/01/2009 - 09/30/2009			\$66,813
013	Provide Maint/Site Svcs to USCG	07/01/2009 - 09/30/2009			\$55,383
015	Substation30 S Low Volt Breaker Maintenance	06/24/2009 - 12/24/2009			\$154,546
016	Phase II Activities J1 PWS 1.1.5 10.2.1 and 10.2.2	06/30/2009 - 09/20/2009			\$23,178
017	Upper Stage Robotic Weld Tool 1 2 3	07/31/2009 - 12/31/2011			\$293,075
018	Upper Stage Mfg Machining Center Modifications	07/31/2009 - 05/16/2011			\$237,894
019	Maintenance Project - Integrate Gas Meters at MAF	08/10/2009 - 12/31/2011			\$302,073
020	Maintenance Project - Update Substation Meters at MAF	08/10/2009 - 2/28/2011			\$746,561
021	Implement FY09 Upper Stage MAF Minor CoF Project: Replace Substation 46 and MCCs (131)	11/16/2009 - 04/30/2012			\$206,546
022	Implement FY09 ORION MAF Minor CoF Project: Replace Plant Air	10/16/2009 - 08/31/2011			\$87,983

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
023	Implement FY09 ORION MAF Minor CoF Project: Rehab Process Tanks IWTF	10/16/2009 - 09/30/2011	(b)(4)		\$95,133
024	GE1200 Aronson Weld Positioner	08/21/2009 - 09/30/2009			\$2,621
025	Replace Substation 16 Transformers	08/31/2009 - 02/28/2010			\$343,428
026	MAF 103 Highbay Addition Phase 3 of J-1 Activities	09/15/2009 - 4/30/2012			\$1,945,135
027	Provide Maintenance and Site Services to US Department of Agriculture and national Finance Center	10/01/2009 - 09/30/2010			\$487,393
028	Provide Maintenance and Site Services to US Coast Guard	10/03/2009 - 10/01/2010			\$224,777
029	MAF-114 Replace AHUs 14 & 26 for Cells G and K (J-1 activities)	10/01/2009 - 09/30/2011			\$101,946
030	Installation of 208V receptacles for SAIC equipment	10/01/2009 - 10/01/2009			\$43,807
031	Preservation Maintenance of ET Tooling and Equipment	10/01/2009 - 04/30/2010			\$1,159,269
032	Restore Process Areas Building 318	11/02/2009 - 11/30/2010			\$484,249
033	Perform Levee analysis	11/02/2009 - 10/30/2009			\$10,628
034	Restore HVAC System to South Manufacturing Areas Building 318 - Engineering Assessment	11/02/2009 - 12/12/2009			\$21,027
035	Replace sewer force line of Lift Station 22 @ Building 485	11/02/2009 - 12/30/2009			\$9,936
037	MAF Engineering Support	11/16/2009 - 09/30/2010			\$255,167
038	MAF 103 Modifications to Support Upper Stage Mfg. - Machining Center Enclosure and Vacuum System (J-1)	11/16/2009 - 04/30/2012	\$172,459		

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
039	Repair Fan House 43 air duct	12/11/2009 - 02/28/2010	(b)(4)		\$59,717
040	Metrology Site Preparation Building 318 -	02/26/2010 - 09/30/2010			\$497,216
041	Provide Material Handling/ Installation Support for Machining Center Installation in Area 37.	02/15/2010 - 12/12/2010			\$95,619
042	Re-insulation of Building 404A	02/22/2010 - 06/30/2010			\$113,395
043	Cryoflex Testing - Ablator Phase 3	04/05/2010 - 04/30/2010			\$1,277
044	Procure mobile operator consoles & enhanced cameras for RWT2 and RWT 3	04/01/2010 - 01/30/2011			\$202,978
045	Replace/Relocate AHUs 1-4 9Lab Ops) Design and Bid	02/26/2010 - 9/30/2011			\$200,000
046	MAF Redundant Pumpstation Support	04/01/2010 - 04/01/2012			\$700,000
047	Metrology Relocation: Relocate Lab Equipment from Building 103 to Building 318	10/01/2009 - 04/29/2011			\$496,692
048	Design for Modification of ET transporters - Cancelled	N/A			\$0
049	Roof Panel/Purlin Repairs in Building 103	03/08/2010 - 07/30/2010			\$200,530
050	Demolish MAF Buildings 175 (partial) 108 205 352 (partial) 406 and 483	04/01/2010 - 02/24/2011			\$46,524
052	Operations Support of MAF Laboratories	04/01/2010 - 09/30/2010			\$121,343
053	Preservation of ET Tools for Ares V Utilization (36 month preservation)	05/31/2010 - 06/30/2012			\$2,300,000
054	Provide IT Power Outlets for Orion Manufacturing Area	05/01/2010 - 07/30/2010			\$6,499
055	Lab Stand-up	10/01/2009 - 09/30/2010		\$1,837,978	

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
056	Provide Electrical Outlets and Crib Fencing Bldg. 420	05/01/2010 - 07/30/2010	(b)(4)		\$10,238
057	Replace Fire Alarm System Phase 3 and Rehabilitate Storm Drainage (304): Design and bid Package Preparation.	02/26/2010 - 9/30/2011			\$199,143
059	ARES (Upper Stage)Planning Services for MAF 420 - Modifications to Cells 3 and 4	05/30/2010 - 12/30/2011			\$1,631,674
060	Area 26 Thermal Protection System Application (Planning)	05/31/2010 - 03/27/2011			\$264
061	MAF Area 30 Upper Stage Assembly Proof Test (Planning)	06/15/2010 - 04/11/2011			\$737
062	Area 25 Common Bulkhead Seal Weld (Planning)	05/31/2010 - 02/25/2011			\$2,614
063	Area 19 Reaction Control system Assembly (Planning)	05/31/2010 - 01/26/2011			\$5,103
064	MAF Area 18 Aft Skirt Assembly and Integration (Planning)	05/31/2010 - 01/26/2011			\$3,506
065	Area 15 IU Integration and Test Cell (Planning)	05/31/2010 - 01/26/2011			\$5,034
066	Planning for Transporter Test Load Fixture Building	06/08/2010 - 12/05/2010			\$30,000
067	Planning for Area 16 Thrust Cone Integration / Common Test Cell	06/08/2010 - 02/03/2011			\$841
068	Planning for Area 40 External Clean and Prime Cell P Bldg. 131	04/09/2010 - 12/05/2010			\$6,892
069	Planning for Area 20 Slosh Baffle	06/08/2010 - 11/05/2010			\$7,625
070	Planning for Area 31 External MPS Integration	06/08/2010 - 11/05/2010			\$11,971
071	Planning for Area 21 Internal MPS Integration	06/08/2010 - 01/04/2011			\$3,171

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
072	Upgrade Energy Management Control System (EMCS)	06/01/2010 - 09/20/2011	(b)(4)		\$289,784
073	Remove Building 303 Storage Racks	06/17/2010 - 11/17/2010			\$143,496
074	Installation of LM Capital Equip - Composite Material Freezer	06/22/2010 - 12/31/2010			\$13,565
075	Repair Fanhouses (B103) Doors (B103 B201 B303 and B351) and Stacks (B103) (Katrina)	07/15/2010 - 08/29/2011			\$631,803
076	Building 103 roof Repairs (Katrina)	07/15/2010 - 05/31/2011			\$163,641
077	202 Cooling Tower Repairs (Katrina)	07/15/2010 - 08/09/2011			\$167,954
078	Building 304 Storm Drainage Piping Repair (Katrina)	10/08/2010 - 08/29/2011			\$1,083,952
079	Restore S-1C Saturn Booster Display B307 (Katrina)	07/15/2010 - 08/29/2011			\$368,831
080	Site Roads and Bridge Repair (Katrina)	07/15/2010 - 08/29/2011			\$922,216
081	Support for Gray vs. LM - Cancelled	07/15/2010 - 07/10/2011			\$0
082	Demolish MAF Buildings 105 and 301 and MAF Structure 317 (J-1)	07/15/2010 - 02/29/12			\$176,253
083	Security Modifications for Building 101 (Eng. & Mgt. services)	06/30/2010 - 01/29/2011			\$16,778
084	Security Modifications for Building 303 (Eng. & Mgt. services)	06/30/2010 - 01/29/2011			\$23,824
085	Site Preparation Package for PDS Tool Installation for NCAM	08/6/2010 - 09/30/2011			\$29,912
086	Troubleshoot & Calibrate Machining Equipment In Support Of Orion Production Operations	02/08/2010 - 09/30/2010	\$83,024		

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
087	"Repair Fire Alarm System Phase 3" (Eng. & Mgt. services) FY 2010 COF	8/01/2010 - 06/30/2012	(b)(4)		\$208,000
088	MAF Replace/Relocate AHUs 1-4 and 1A Lab Op (Eng. & Mgt. services) FY10 Ares CoF)	08/01/2010 - 3/07/2012			\$200,000
089	In-Situ Thermal Desorption Pilot Project	08/01/2010 - 10/03/2011			\$316,075
090	Manufacturing Support For Blade Dynamics	07/01/2010 - 11/30/2010			\$189,764
091	Relocate Security Post 15 and Reroute Fencing (220)	08/27/2010 - 03/28/2011			\$71,121
092	Monostrain and Immersion Cryoflex Testing Ares Upper Stage	09/01/2010 - 11/30/2010			\$5,996
093	Provide Maintenance and Site Services to US Coast Guard for FY11	10/01/2010 - 9/30/2011			\$439,846
094	Program Planning and Control Support for FY10	04/01/2010 - 09/30/2010			\$82,236
096	Program Planning and Control Support for FY11	10/01/2010 - 9/30/2011			\$255,577
097	Renewable Energy Credits for FY10	9/16/2010 - 9/30/2010			\$3,720
098	Provide Cameras and Card Readers for USDA Building 350	10/15/2010 - 09/30/2011			\$22,614
099	MAF Engineering Support for FY11	10/01/2010 - 09/30/2011			\$170,465
100	Orion Project Laboratory Services	10/01/2010 - 09/30/2011			\$212,366
101	Provide Maintenance and Site Services to USDA for FY11	10/01/2010 - 9/30/2011	\$775,342		
102	Repair Vertical Drainage Pump at Bldg.450	09/15/2010 - 12/15/2010	\$132,154		
103	MAF Lab Sustainment	10/01/2010 - 09/30/2011	\$1,629,842		

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
104	Provide Lab Support and Special Event Services for ET Extension for Flight Support in FY-11 (6-months)	10/01/2010 - 08/31/2011	(b)(4)		\$435,828
105	Tenant/ User Engineering Support for FY11	10/01/2010 - 09/30/2011			\$566,687
107	Modify Restrooms in Building 350 for ADA Compliance	10/15/2010 - 09/30/2011			\$129,134
108	FY11 Thermal Protection Products (TPP) Lab Services	10/01/2010 - 09/30/2011			\$47,792
109	Rehab Substation 30 Switchgear and Breaker	12/01/2010 - 03/30/2012			\$800,000
110	Provide 50,000 Gallon Diesel Storage Capability	12/01/2010 - 10/30/2011			\$400,000
111	Rehabilitate & Harden Pump Houses 304 and 143	12/01/2010 - 05/31/2012			\$400,000
112	Upgrade Building 450 Pump Station	12/01/2010 - 05/31/2012			\$667,846
113	Site Promotion & Development Support for FY11	10/01/2010 - 09/30/2011			\$500,000
115	Maintenance & Site Services for NCAM for FY11	10/01/2010 - 09/30/2011			\$450,001
116	Operations Support for Labs for FY11	10/01/2010 - 09/30/2011			\$169,890
117	Support for Orion GTA Ceremony	12/09/2010 - 12/14/2010			\$1,088
118	PM for LM Capital Equipment for FY11	10/01/2010 - 12/31/2011			\$8,001
119	CM for LM Capital Equipment for FY11	01/15/2011 - 12/31/2011			\$2,218
120	Perform Economic Impact Study 2011	02/28/2011 - 06/28/2011			\$27,545
121	Electrical Modifications for Bldg. 303 (Blade)	12/20/2010 - 02/28/2011			\$3,848

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IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
122	Remove Building 303 Bay 4 Storage Racks	03/01/2011 - 07/01/2011	(b)(4)		\$188,851
123	Provide Electrical Tie-in for LM Orion LAS Cone NDE tool	03/21/2011 - 04/29/2011	(b)(4)		\$305
124	Installation of LM Capital Equipment - Friction Plug Welder	03/30/2011 - 12/31/2011	(b)(4)		\$42,543
125	Planning/Eng. To Replace Substation 21 Bldg. 420	04/15/2011 - 08/07/2012	(b)(4)		\$120,001
126	Planning/Eng. To Replace Forced Main Sanitary Piping Bldg. 303	04/15/2011 - 08/07/2012	(b)(4)		\$140,000
127	Lab Support to perform Primer Shelf Life Extension for US	04/15/2011 - 05/31/2011	(b)(4)		\$5,701
128	USDA Ceiling Tile Replacement and Move Crew Support	03/15/2011 - 05/31/2011	(b)(4)		\$11,495
129	Replace Transformer Phase 3 (West Master Substation)	08/16/2010 - 07/12/2011	(b)(4)		\$140,000
130	USCG Blow Out Preventer Support	08/09/2010 - 09/30/2011	(b)(4)		\$1,477,002
131	Lab Support and T&H Services for LM FAST Program	05/01/2011 - 07/31/2011	(b)(4)		\$3,471
132	Medical Services for USDA	03/01/2011 - 09/30/2011	(b)(4)		\$70,812
133	USCG BOP Video Surveillance Back-up	12/23/2010 - 09/30/2011	(b)(4)		\$13,438
134	Minor Mods in Support of Facility Ops for FY11	05/11/2011 - 09/30/2011	(b)(4)		\$99,999
135	Logistic, Engineering and Other Support Services for BOEMRE	09/02/2010 - 09/30/2011	(b)(4)		\$491,716
136	Natural Gas Meters	03/29/2011 - 07/03/2011	(b)(4)		\$32,884
137	Repair Chiller #2 Bldg. 307	03/30/2011 - 07/03/2011	(b)(4)		\$98,354
138	Demand Services for Blade Dynamics	05/16/2011 - 09/30/2011	(b)(4)		\$90,518

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Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
139	Stand-up of MAF Machine Shop	10/1/2010 - 9/30/2011	(b)(4)		\$450,003
140	USCG Gun Mount	05/09/2011 - 07/31/2011			\$15,072
141	Demand Services for Boeing Upper Stage	06/01/2011 - 09/30/2011			\$1,018
142	Site prep for LM Orion Project	06/03/11 - 09/30/11			\$10,009
143	Prepare & ship hydraulic power supplies to MSFC	06/01/2011 - 08/31/2011			\$17,418
144	Demand Services for BP/DNV Forensic Investigation of BOP	04/18/2011 - 09/30/2011			\$280,845
145	Bldg. 320 Office Renovation	06/01/2011 - 03/01/2012			\$50,000
146	Bldg. 303 Site Prep for Blade Dynamics	04/18/2011 - 09/30/2011			\$535,965
147	Demand Services for Long Branch Productions	06/06/2011 - 12/31/2011			\$184,996
148	Cryogenic Monostrain Testing for MSFC Engineering (Upper Stage)	06/27/2011 - 08/31/2011			\$5,190
149	Modify Highbay AHUs 1A and 1B	06/30/2011 - 12/31/2011			\$13,274
150	Demand Services For B-K Manufacturing	05/16/2011 - 09/30/2011			\$5,320
151	JSC CEV Parachute Assembly System(CPAS) Mid-Altitude Deployment System(MDS)Sled Fabrication and Test	05/02/2011 - 07/08/2011			\$35,084
152	Gradient Cryoflex Testing for Upper Stage	06/27/2011 - 09/30/2011			\$12,323
153	US Coast Guard Horizontal Support Member Machine Shop Support	07/06/2011 - 07/31/2011			\$6,167
154	JSC CPAS Forebody Fabrication	08/01/2011 - 01/31/2012			\$197,510
156	Demo Buildings 301 and 317	08/01/2011 - 05/01/2012	\$45,366		

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IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
157	Support and Procurement Activities for Environmental Projects funded by recycling sales	07/14/2011 - 09/30/2011	(b)(4)		\$19,991
158	Support Re-Start of ET Tools 7398 and 5019 for Functional Checkout	08/19/2011 - 09/30/2011			\$14,984
159	Demand Services for LM Orion	08/12/2011 - 09/30/2012			\$10,000
160	ET94 Desiccant Monitoring	08/29/2011 - 09/30/2012			\$5,956
161	Renewable Energy Credits for FY11	08/04/2011 - 09/30/2011			\$3,431
162	Site Promotion and Development for FY12	10/01/2011 - 09/30/2012			\$500,000
163	Additional Cryogenic Monstrain Testing for Upper Stage	08/18/2011 - 09/30/2011			\$5,230
164	Additional Gradient Cryoflex Testing for Upper Stage	08/18/2011 - 09/30/2011			\$7,619
165	Logistics Engineering and Other Demand Services for BP/ DNV Preservation of BOP	07/18/2011 - 07/31/2012			\$127,127
168	Connect LM Capital Composite Freezer to Emergency Power Supply	08/09/2011 - 12/15/2011			\$12,522
169	Medical Services for USDA in FY12	10/01/2011 - 09/30/2012			\$162,733
170	SLS Modifications to Horizontal Major Weld 5019 5068 and 5069- Study and Tooling Project Package	09/21/2011 - 9/30/2012			\$366,000
171	SLS Modifications to Universal Weld System #1- Study and Tooling Project Package	09/21/2011 - 09/30/2012			\$80,000

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IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
172	SLS Modifications to Cell P for External Clean and Prime-Study/PCD	09/21/2011 - 09/30/2012	(b)(4)		\$226,000
173	SLS Modifications Cell A for Vertical Stack Building 110- Study/PCD and Tooling Project Package	09/21/2011 - 09/30/2012			\$433,000
174	SLS Modifications to Cell N for TPS Application- Study/PCD	09/21/2011 - 09/30/2012			\$137,000
175	SLS Misc. Updates for Dome Assy Facility Modifications Building 103- Study/PCD	09/21/2011 - 09/30/2012			\$40,000
176	SLS Modifications to Bldg 451 for - Study/PCD	09/21/2011 - 09/30/2012			\$133,000
177	Tenant/User Engineering Support for FY12	10/01/2011 - 09/30/2012			\$549,996
178	Provide Maintenance and Site Services to US Coast Guard for FY12	10/01/2011 - 09/30/2012			\$403,076
179	MAF Engineering Support for FY12	10/01/2011 - 09/30/2012			\$140,406
180	Heat Treatment of Clamshell for Stennis	09/28/2011 - 10/31/2011			\$1,615
181	Provide Maintenance and Site Services to USDA for FY12	10/01/2011 - 09/30/2012			\$440,842
182	Support and Procurement Activities for Environmental Projects Funded by Recycling Sales for FY12	10/01/2011 - 09/30/2012			\$60,000
183	SLS Modifications to Cell E for Internal Cleaning Building 110- Study and Tooling Project	9/21/2011 - 9/30/2012			\$137,000
184	Orion Project Laboratory Services For FY12	10/01/2011 - 09/30/2012			\$200,489

ATTACHMENT J-16
IDIQ LIST OF TASK ORDERS J-1

Modification 0061

Task Order No.	Description	Period of Performance	Estimated Cost	Maximum Potential Award Fee	Total Value
185	MAF Lab Sustainment for FY12	10/01/2011 - 09/30/2012	(b)(4)		\$1,199,999
186	Provide NCAM Maintenance for FY12	10/01/2011 - 09/30/2012			\$632,087
187	Replace Building 318 Plant Air Compressor # 2	10/01/2011 - 08/31/2012			\$87,162
188	Machine Shop Sustainment for FY12	10/01/2011 - 09/30/2012			\$299,981
189	Replace Building 202 Cooling Tower Controller	9/14/2011 - 7/31/2012			\$86,811
191	Safety Stand-Down Event	10/26/2011 - 12/3/2011			\$10,167
192	Replace Building 207 Emergency Generator Radiator	9/14/2011 - 7/31/2012			\$75,369
193	Replace Building 175 LN2/GN2 Controller and Pumps	9/14/2011 - 8/30/2012			\$350,657
194	MAF Running Track Dedication	10/26/2011 - 012/09/2011			\$9,212
195	ET-94 Desiccant Monitoring	11/1/2011 - 4/30/2012			\$6,332
196	Move BOP from 103 FA Pos 4 to B451 or B411	11/21/2011 - 4/15/2012			\$30,884
197	TPS Gradient Cryoflex Testing for MSFC/EM10	11/7/2011 - 1/31/2012			\$8,618
198	Bldg. 420 Bay 4 Floor Slab Paint Repair	11/30/2011 - 3/31/2012			\$37,608
199	Site Prep and Demand Services for Big Easy Studios LLC/ Summitt Pictures/Enders Game	11/28/2011 - 7/31/2012			\$49,631
200	Disposal of MAF External Tank Assets	11/1/2011 - 11/1/2013			\$410,750

SECTION J-1 TOTAL TASK ORDER VALUE					\$47,251,338
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ATTACHMENT J-16

IDIQ LIST OF TASK ORDERS J-2

Modification 0061

Task Order No.	Initiating User/Org	Description	Period of Performance	Ceiling Burden Applied	Total Value
008	SF01	Bldg 351 Cafeteria Equipment	06/10/2009 - 07/07/2009	(b)(4)	\$144,779
009	SF01	Repair and Improve 351 Cafeteria	06/10/2009 - 07/10/2009		\$50,068
014	SF01	Payment of Utilities	06/01/2009 - 10/01/2010		\$17,117,537
017	SF01	Upper Stage Robotic Weld Tool 1 2 3	07/31/2009 - 12/31/2011		\$3,087,900
018	SF01	Upper Stage Mfg Machining Center Modifications	07/31/2009 - 09/28/2010		\$2,001,135
021	SF01	MAF- REPLACE SUBSTATION 46 and MCCs (131)	11/16/2009 - 04/30/2012		\$2,311,500
022	SF01	MAF - Replace Plant Air Phase 1	10/16/2009 - 8/31/2011		\$1,090,000
023	SF01	MAF - Rehab Process Tanks IWTF Phase 1	10/16/2009 - 09/30/2011		\$1,184,000
026	SF01	MAF 103 - Addition of Vertical Assembly and Welding Highbay	09/15/2009 - 04/30/2012		\$27,584,154
029	SF01	MAF-114 Replace AHUs 14 & 26 for Cells G and K	10/01/2009 - 09/30/2011		\$548,047
036	SF01	Contractor Acquired Property (CAP) for FY10	11/09/2009 - 12/30/2010		\$550,804
038	SF01	MAF 103 Modifications to Support Upper Stage Mfg. - Machining Center Enclosure and Vacuum System	11/16/2009 - 10/30/2011		\$1,965,935
051	SF01	Demolish MAF Buildings 175 (partial) 205 352 (partial) 406 and 483	04/01/2010 - 02/24/2011		\$169,771
054	SF01	Provide IT Power Outlets for Orion Manufacturing Area	05/01/2010 - 07/30/2010		\$12,157
058	SF01	Provide Electrical Outlets and Crib Fencing Bldg. 420	05/01/2010 - 10/31/2010		\$17,198
074	SF01	Installation of LM Capital Equipment - Composite Material Freezer	06/22/2010 - 12/31/2010		\$20,982
082	SF01	Demolish MAF Buildings 105 and 301 and MAF Structure 317	07/15/2010 - 02/29/2012		\$573,746
083	SF01	Security Modifications for Bldg. 101 (Construction services)	06/30/2010 - 12/29/2010		\$88,282

ATTACHMENT J-16

IDIQ LIST OF TASK ORDERS J-2

Modification 0061

Task Order No.	Initiating User/Org	Description	Period of Performance	Ceiling Burden Applied	Total Value	
084	SF01	Security Modifications for Building 303 (Construction Services)	06/30/2010 - 01/29/2011	(b)(4)	\$196,730	
087	SF01	Repair Fire Alarm System Phase 3 (FY 2010 ARES CoF)	08/01/2010 - 06/30/2012		\$2,943,000	
088	SF01	MAF Replace/Relocate AHUs 1-4 and 1A Lab Op (FY 2010 ARES CoF)	08/01/2010 - 06/30/2012		\$1,749,000	
091	SF01	Relocate Security Post 15 and Reroute Fencing (220)	08/27/2010 - 03/28/2011		\$285,159	
095	SF01	Contractor Acquired Property (CAP) for FY11	10/01/2010 - 09/30/2011		\$802,750	
098	SF01	Provide Cameras and Card Readers for USDA Building 350	10/15/2010 - 06/12/2011		\$173,872	
106	SF01	Payment of Utilities for FY11	10/01/2010 - 09/30/2011		\$10,599,973	
114	SF01	Utilities associated with In-Situ Thermo Desorption Project	08/1/10 - 10/03/11		\$101,348	
124	SF01	Installation of LM Capital Equipment - Friction Plug Welder	03/30/2011 - 12/31/2011		\$245,629	
149	SF01	Modify Highbay AHUs 1A and 1B	6/30/11 - 12/31/11		\$100,000	
155	SF01	Procure and Install a Can Crusher (CAP) funded by Recycling Sales	5/1/11 - 9/30/11		\$45,611	
156	SF01	Demo Buildings 301 and 317	8/1/11 - 5/1/12		\$401,994	
166	SF01	Contractor Acquired Property (CAP) for FY12	10/01/2011 - 09/30/2012		\$500,000	
167	SF01	Payment of Utilities for FY12	10/01/2011 - 09/30/2012		\$10,000,000	
168	SF01	Connect LM Capital Composite Freezer to Emergency Power Supply	08/09/2011 - 12/15/2011		\$23,815	
190	SF01	Contractor Acquired Property (CAP) funded by Recycling Sales in FY11	10/01/2011 - 09/30/2012		\$7,101	
SECTION J-2 TOTAL TASK ORDER VALUE					\$86,693,977	