

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT

2. AMENDMENT/MODIFICATION NO. 0074		3. EFFECTIVE DATE MAR 16 2012	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) MSFOC
6. ISSUED BY CODE	PS43		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	(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
CODE 07486 - CAGE	FACILITY CODE	

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) **See page 2**

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

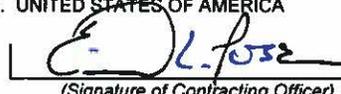
<input type="checkbox"/>	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.
<input type="checkbox"/>	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(b).
<input type="checkbox"/>	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.)

	Contract Amount	Allotted Funding
Previous Contract Amount	\$ 276,211,312	\$ 237,281,332
Increase this Modification	\$ 331,331	\$ -
New Contract Amount	\$ 276,542,643	\$ 237,281,332

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) Emil L. Posey Contracting Officer
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)	15C. DATE SIGNED 3/16/2012
16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED MAR 16 2012

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 the additional effort for Lab Management in accordance with Jacobs proposal dated September 22, 2011. 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 **\$314,251,949.**

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 **\$315,651,949.**

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)	(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)	(b)(4)	\$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 4, 5 and 6					\$86,857,367
7	Mission Services for Yr 3	(b)(4)	(b)(4)	\$1,235,969	\$36,140,894
8	J-1 PWS IDIQ Task Orders for Yr 3			\$661,320	\$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

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			\$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)		\$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 4, 5 and 6					\$86,857,367
7	Mission Services for Yr 3	(b)(4)		\$1,235,969	\$36,472,225
8	J-1 PWS IDIQ Task Orders for Yr 3			\$661,320	\$15,959,968
9	J-2 PWS IDIQ Task Orders for Yr 3			N/A	\$17,469,185
Total CLIN 7, 8, and 9					\$69,901,378

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)				\$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

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)			\$37,820,829
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					\$45,771,109
13	Mission Services for Yr 5 (Option 2)	(b)(4)			\$38,489,831
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					\$38,574,971

(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.

(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>Page(s) Deleted</u>	<u>Replacement Added Page(s)</u>
B-1 and B-2 (Mod 0061)	B-1 and B-2 (Mod 0074)
B-5 (Mod 0073)	B-5 (Mod 0074)
J-1-45 (Basic)	J-1-45 (mod 74)

Except as provided herein, all other Terms and Conditions remain unchanged and in full force and effect.

(F) Contractor's Release Statement: In consideration of the modification agreed to herein as equitable adjustment of all claims arising out of or attributable to issuance of the change(s) and/or contractor proposal(s) listed below, the contractor hereby releases the Government from any and all liability under this contract for further equitable adjustments attributable to such facts or circumstances giving rise to said contract change(s) and/or proposal(s) and for such additional obligations as may be required by this modification.

Contract Change Identification
MSFOC -10-31- WB dated June 1, 2011

Contractor Proposal Number
"Michoud Assembly Facility
Manufacturing Support and Facility
Operation Contract (MSFOC)"
Request for Contract Value Increase
Lab Management (revised) Dated
September 22, 2011

NNM09AA20C, Modification 0074

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:

Contract NNM09AA20C

Modification 0074

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)		\$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 4, 5 and 6					\$86,857,367
7	Mission Services for Yr 3	(b)(4)		\$1,235,969	\$36,472,225
8	J-1 PWS IDIQ Task Orders for Yr 3			\$661,320	\$15,959,968
9	J-2 PWS IDIQ Task Orders for Yr 3			N/A	\$17,469,185
Total CLIN 7, 8, and 9					\$69,901,378

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	TOTAL EARNED AWARD FEE	TOTAL VALUE
10	Mission Services for Yr 4 (Option 1)	(b)(4)			\$37,820,829
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					\$45,771,109
13	Mission Services for Yr 5 (Option 2)	(b)(4)			\$38,489,831
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					\$38,574,971

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		\$1,684,528	
1-May-10	31-Oct-10		\$2,156,077	
1-Nov-10	30-Apr-11		\$1,718,802	
1-May-11	31-Oct-11		\$1,897,289	
1-Nov-11	30-Apr-12			
OPTION YEAR 1				
1-May-12	31-Oct-12			
1-Nov-12	30-Apr-13			
OPTION YEAR 2				
1-May-13	31-Oct-13			
1-Nov-13	30-Apr-14			

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 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 July 31, 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:	\$ 8,994,620	\$ -	\$ 8,994,620
Total Sum Allotted:	\$ 230,692,976	\$ 6,588,356	\$ 237,281,332

(End of Clause)

work within the MAF manufacturing environment. These user(s)/tenant(s) schedules will contain the duration (e.g., show the time at each tool, station or cell) and interdependencies that represent the process flow of the components while they are in the MAF manufacturing environment. The Contractor shall ensure proprietary user(s)/tenant(s) schedule data is not transferred inappropriately to other user(s)/tenant(s) without consent.

The Contractor shall review user(s)/tenant(s) schedules and incorporate pertinent milestones into the integrated manufacturing support schedule. The Contractor shall identify schedule conflicts and work with affected user(s)/tenant(s) to identify alternatives and/or seek resolution. When resolution is not achieved, NASA control boards, beginning at the lowest level, will review conflicts and set priorities for operational use of manufacturing resources. The Contractor shall provide user(s)/tenant(s) continuous access to the Integrated Manufacturing Support Schedule and conduct operational schedule meetings with all user(s)/tenant(s) as needed to facilitate smooth operation of the manufacturing environment.

3.2 General Support of Manufacturing Facilities

Scope:

The Contractor shall provide facility operations support to the user(s)/tenant(s) operating within the MAF manufacturing environment in accordance with other WBS elements of this PWS. Facility operations support includes but is not limited to:

- Program management
- Safety, health and emergency management
- Maintenance
- Site services and operations
- Logistic services
- Property management
- Construction management
- Sustaining engineering
- Environmental management

From a MAF manufacturing environment transition perspective, the Contractor will assume responsibility for support of manufacturing general facilities upon contract award.

3.3 Support for Common Manufacturing Resources

NOTE: Effort in this PWS section is not part of Mission Services, (with exception of Lab Management in accordance with Jacobs proposal "Request for Contract Value Increase", dated September 22, 2011) and if determined appropriate, will be authorized by an IDIQ task.