

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE 05	PAGE OF PAGES 1 3
2. AMENDMENT/MODIFICATION NO. 033	3. EFFECTIVE DATE MAY 11 2005	4. REQUISITION/PURCHASE REQ. NO. 4200105050	5. PROJECT NO. (If applicable) EXTERNAL TANK		
6. ISSUED BY Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, Al 35812		CODE PS42M	7. ADMINISTERED BY (If other than Item 6) Jocelyn G. Connelly/ACO (504) 257-3805		CODE PS42M
8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) Lockheed Martin Corporation P.O. Box 29304 New Orleans, LA 70189				(X)	9A. AMENDMENT OF SOLICITATION NO.
					9B. DATED (SEE ITEM 11)
				(X)	10A. MODIFICATION OF CONTRACT/ORDER NO. NNM04AA02F
					10B. DATED (SEE ITEM 13) 10-27-03
CODE 100016	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 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 Page 2

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

(X)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE 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).
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF: Clause 52.243-2 Changes Cost Reimbursement and FAR 43.103a
	D. OTHER Specify type of modification and authority)

E. IMPORTANT: Contractor is not is required to sign this document and return 3 copies to the issuing office.

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

	Provisional Estimated Cost	Negotiated Estimated Cost	Contract Value	Amount Allotted
Previous Contract Total	\$ 500,000	\$ 46,894,973	\$ 47,394,973	\$ 46,270,296
This Modification	\$ (500,000)	\$ 500,000	\$ -0-	\$ -0-
Revised Contract Total	\$ -0-	\$ 47,394,973	\$ 47,394,973	\$ 46,270,296

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) Bradley P. Cartwright Director, Contracts and Estimating		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) Howard J. Nelson Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	16C. DATE SIGNED MAY 11 2005
BY _____ (Signature of person authorized to sign)		BY <u>/s/ Howard J. Nelson</u> (Signature of Contracting Officer)	

- I. The purpose of this modification is to incorporate the requirements of Project Change Proposal (PCP) B90422 entitled "Repair Doors and Mechanical Systems – Building 420." Pursuant to the provisions of Clause B.2, Estimated Cost for Facilities, Space Flight, Control and Data Communications, this modification adjusts the Provisional Estimated Cost and Negotiated Estimated Cost as set forth herein. This modification also adds the statement of work for PCP B90422 to Attachment J-1 and adds the FY05 and Contract Target Small Business Goals to Attachment J-8, for PCPs B90418 and B90420.
- II. Section B. Clause B.2, Estimated Cost for Facilities, Paragraph (a) Space Flight, Control and Data Communications (SFC&DC), is hereby revised to decrease the Provisional Estimated Cost and increase the Negotiated Estimated Cost by \$500,000 as a result of negotiation of PCP B90422. The new totals for Provisional Cost and Negotiated Cost for this paragraph are shown on the attached B-1 page.
- III. Section J, Attachment J-1, Statement of Work is amended to add the following:
 (h) Repair Doors and Mechanical Systems – Building 420

The contractor shall perform the activity required to repair doors and mechanical systems in Building 420 at MAF, as identified in detail in Project Change Proposal B90422. This project will include mechanical components replacement, door tracks repair, door seal replacement, door exteriors repair and door surfaces repainting.

- IV. Section J, Attachment J-8, Small/Small Disadvantaged and Woman Owned Small Business Master Subcontracting Plan, Paragraph H – Projected Subcontract Goals is amended as follows:

	Estimated Subcontract \$ to be Committed	Small Business Goals	Small Disadvantaged Business Goals
FY05		(b)(4)	
<i>FY05 Calculations include PCP B90420 and B90418 effort</i>			
FY06		(b)(4)	
<i>FY06 Calculation includes PCP B90418 effort only</i>			

V. Section J, Attachment J-8, Small/Small Disadvantaged and Woman Owned Small Business Master Subcontracting Plan is amended to add Paragraph I – Small Business Target Goals At Contract Completion as follows:

I. Small Business Target Goals thru 12/1/08

Small Business Goals	
Small Business	(b)(4)
Small Disadvantaged Business (SDB)	
Woman-Owned Small Business	
Service Disabled Veteran (SDV)	
Hub Zone (HUBZ)	

- (1) Woman-owned Small Business is included in Small-Disadvantaged Business
- (2) Percentages represent cumulative target goals at contract completion; Paragraph H identifies FY goals for performance evaluation purposes
- (3) Goals are based on projects/requirements as of 4/05 and assume the associated funding is provided for the period of performance of the contract, through December 1, 2008

VI. The individual Small Business Plans submitted in support of PCP B90418 and PCP B90420 are hereby incorporated by reference and attached to this modification.

VII. The following pages of the contract are revised as appended and added, and made an inseparable part hereof.

<u>Revised Pages</u>	<u>Added Page</u>
B-1, J-1-2 and J-8-11	J-8-12

VIII. This modification consists in its entirety of Standard Form 30, page 2, 3, and the revised/added pages listed in paragraph VII. above.

IX. In consideration of the modification agreed to herein as complete equitable adjustment of all claims arising out of or attributable to the issuance of the change(s) and/or contractor proposals) 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 contractor proposal(s), and/or for such additional obligation as may be required by this modification

<u>Contract Change Identification</u>	<u>Contract Proposal Number</u>
CCBD ET3-00-9948, Dated 3/30/05	PCP B90422 (05M0-0314), PCIN 071328, Dated 03/23/05
Supplemental Agreement No. 033	

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
SUBCONTRACTING PLAN REVIEW**

RECEIVED:

REVIEWED:

SUBMITTED BY: Lockheed Martin Space Systems Company,
Michoud Operations

CONTRACT: NNM04AA02F

TITLE: **B90418 - FY05 and Multi-Year Contractor Acquired Property and
Rehabilitation of Plant Equipment**

BUYER: Mark Bryant, Materiel Sourcing
(504) 257-2437
Cathy Voelkel, Contracts Administrator
(504) 257-2536

A. PROPOSED GOALS

(b)(4)

B. INDIRECT COSTS

- Included in subcontracting totals
- Not included in subcontracting totals

C. CONTENTS OF PLAN

- Individual plan contains all required elements
- Plan does not contain all required elements
- Master plan incorporated in by reference NNM04AA02F

D. SUBCONTRACTS MANAGER: Mr. Dow Manlove, Materiel Sourcing

E. REMARKS

- Suppliers are generally selected competitively
- The Small Disadvantaged Business opportunities are mainly for ADPE

**NATIONAL AERONAUTICS AND SPACE ADMINISTRATION
GEORGE C. MARSHALL SPACE FLIGHT CENTER
SUBCONTRACTING PLAN REVIEW**

RECEIVED:

REVIEWED:

SUBMITTED BY: Lockheed Martin Space Systems Company,
Michoud Operations

CONTRACT: NNM04AA02F

TITLE: **B90420 - FY05 Construction of Facilities (CoF) Projects**

BUYER: Mark Bryant, Director, Materiel Sourcing
(504) 257-2437
Lisa Buller, Contracts Administrator
(504) 257-1361

A. PROPOSED GOALS

(b)(4)

B. INDIRECT COSTS

- () Included in subcontracting totals.
- (x) Not included in subcontracting totals.

C. CONTENTS OF PLAN

- () Individual plan contains all required elements.
- () Plan does not contain all required elements.
- (x) Master plan incorporated in by reference. NNM04AA02F

D. SUBCONTRACTS MANAGER: Mr. Dow Manlove, Materiel Sourcing

E. REMARKS

-Suppliers for all projects not yet selected.

-All suppliers are selected competitively through the publicly advertised, sealed bid, process. Small business estimate based on historical selections for similar projects.

SECTION B

SUPPLIES OR SERVICES AND PRICES/COSTS

B.1 BRIEF DESCRIPTION OF WORK

The Contractor shall furnish all personnel, facilities, equipment, material, supplies and services (except as may be expressly set forth in this contract as furnished by the Government) and otherwise do all things necessary to, or incident to, performing and providing the following items of work:

To facilitate the Space Shuttle External Tank Project under this consolidated facilities contract by providing Government furnished property and the acquisition of other property for use as needed as further described in Attachment J-1.

(End of clause)

B.2 ESTIMATED COST FOR FACILITIES

The total estimated cost for complete performance of this contract for each category is stated below. This is a cost reimbursable contract only and therefore the Government shall not pay the Contractor a fee for performing this contract.

(a) Space Flight, Control and Data Communications (SFC&DC)

	<u>Provisional Cost</u>	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 500,000	\$ 29,904,441	\$ 30,404,441
This Mod	\$ (500,000)	\$ 500,000	\$
Total	\$ -0-	\$ 30,404,441	\$ 30,404,441

(b) Construction of Facilities (CoF)

	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 16,990,532	\$ 16,990,532
This Mod	\$ -0-	\$ -0-
Total	\$ 16,990,532	\$ 16,990,532

(c) Construction of Facilities (CoF) Environmental Studies

	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ -0-	\$ -0-
This Mod	\$ -0-	\$ -0-
Total	\$ -0-	\$ -0-

Recapitulation of Total Contract Value \$ 47,394,973

(d) Construction of Facilities

Provide the services and supplies for the Design and Site Investigation and Construction and Project Supervision, Inspection and Engineering Services (SIES), for the installation, modification and additions to existing real property and installed property provided to the contractor at MAF needed to carry out the manufacturing, development and test for the External Tank (ET) Project and site operations as identified in Section J, Attachment J-4. Items so furnished shall be listed and reported as Modification and Construction of Real and Installed Property, pursuant to Section "H", Reports.

(e) Preliminary Engineering Reports (PER)

The Contractor shall perform Preliminary Engineering Reports (PER) as identified in Section J, Attachment J-6 that are necessary, prior to the initiation of CoF design or site investigation of construction projects in order to further define (a) project requirements; (b) justification; (c) construction approach and (d) budgetary estimates.

(f) Facility Support Studies

The contractor shall perform those facility support studies that are identified in Section J, Attachment J-5. Facility Support Studies are those type studies that must be performed prior to the initiation of design or site investigation of unusual construction/environmental projects in order to determine "(a) the condition of MAF's infrastructure, (b) further define any facility project requirements, (c) provide higher fidelity budgetary estimates (d) MAF project requirements driven by environmental law or regulations (environmental studies applicability only)."

(g) Service Life Extension Program (SLEP) Replace Global Site-Wide Local Area Network (LAN)

The Contractor shall perform the design activity required to replace the Global Site-Wide LAN, Phase 3. As identified in PCP B90416, the contractor will perform the design activity for the replacement of the remaining LAN not addressed in the LAN upgrades associated with the Paperless Manufacturing Execution System (PMES) initiative definitized under the NAS8-39243(F) Contract.

(h) Repair Doors and Mechanical Systems – Building 420

The contractor shall perform the activity required to repair doors and mechanical systems in Building 420 at MAF, as identified in detail in Project Change Proposal B90422. This project will include mechanical components replacement, door tracks repair, door seal replacement, door exteriors repair and door surfaces repainting.

- b. We assist in conducting annual training courses in selling for small/small disadvantaged & women-owned business concerns throughout the South East region. This effort is in conjunction with the Gulf South Minority Supplier Development Council, other major local corporations and government agencies.
- c. Lockheed Martin Corporation is listed in the Louisiana Corporate Directory, which is published by the Gulf South Minority Supplier Development Council. This directory lists the many products and services that we purchase, and lists the key people to contact in the purchasing organization, including the Small Business Administrator.
- d. The lobby receptionists at MAF have been instructed that the Small Business Administrator is available to assist all first-time callers. These callers are counseled regarding the extent of our purchases of the product or service offered, information about the Space Shuttle Program, and are personally introduced to the proper buyer. This procedure saves valuable time for the seller, as well as for Lockheed Martin Corporation.

H. PROJECTED SUBCONTRACT GOALS

Goals for subcontracting with Small/Small Disadvantaged & Women-Owned Small Business concerns are hereby identified by fiscal year for the Facility Contract NNM04AA02F.

Goals for Estimated Subcontract Dollars Remaining to be Committed

	Estimated Subcontract \$ to be Committed	Small Business Goals	Small Disadvantaged Business Goals
FY04		(b)(4)	
FY05		(b)(4)	
<i>FY05 Calculations include PCP B90420 and B90418 effort</i>			
FY06		(b)(4)	
<i>FY06 Calculations includes PCP B90418 effort only</i>			

- NOTES: (1) Goals based on subcontract dollars for NNM04AA02F for projects/effort. Utilities are not included.
- (2) Small Business Goal includes Small Disadvantaged and Small Disadvantaged includes Small Woman-owned.

I. SMALL BUSINESS TARGET GOALS AT CONTRACT COMPLETION

Small Business Target Goals thru 12/1/08

	Small Business Goals	
Small Business	(b)(4)	
Small Disadvantaged Business (SDB)		
Woman-Owned Small Business		
Service Disabled Veteran (SDV)		
Hub Zone (HUBZ)		

- (1) Woman-owned Small Business is included in Small-Disadvantaged Business
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