

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 05	PAGE OF PAGES 1 2
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2. AMENDMENT/MODIFICATION NO. 010	3. EFFECTIVE DATE JUL 7 2004	4. REQUISITION/PURCHASE REQ. NO.	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, AI 35812		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)

**EXECUTED COPY
FMO/KOR/OFFICIAL**

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 <u>Estimated Cost</u>	Negotiated <u>Estimated Cost</u>	<u>Contract Value</u>	<u>Amount Allotted</u>
Previous Contract Total	\$ -0-	\$ 8,633,523	\$ 8,633,523	\$ 5,700,000
This Modification	\$ -0-	\$ 7,500,000	\$ 7,500,000	\$ -0-
Revised Contract Total	\$ -0-	\$ 16,133,523	\$ 16,133,523	\$ 5,700,000

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) Emil L. Posey Acting Chief, Space Flight Projects Support Dept.
15B. CONTRACTOR/OFFEROR <i>Bradley P. Cartwright</i> (Signature of person authorized to sign)	15C. DATE SIGNED 6/9/04
	16B. UNITED STATES OF AMERICA BY <i>E. L. Posey</i> (Signature of Contracting Officer)
	16C. DATE SIGNED 07-07-04

- I. The purpose of this modification is to incorporate the requirements of Project Change Proposal (PCP) B90410, entitled "Fiscal Year (FY) 2004 Construction of Facilities (CoF) Projects – Construction and Supervision, Inspection & Engineering Services (SIES).
- II. Section B. Clause B.2, Paragraph (b) Construction of Facilities (CoF), is hereby revised to increase the Negotiated Costs and Contract Value by \$7,500,000. The new totals for Negotiated Cost and Contract Value for this paragraph are shown on the attached B-1 page.
- III. Section F, Paragraph F-3, Period of Performance is amended to add the following:
The CoF Projects definitized herein are authorized for the period through August 2005 (Line Item 349)
- IV. Section J, Attachment J-4, CoF Projects – Modification and Construction of Real And Installed Property is hereby revised to add Fiscal Year (FY) 2004 Construction of Facilities (CoF) Projects, which includes Construction and Supervision, Inspection and Engineering Services (SIES), Line Items 320, 321, 322, 324, 325, 326, and 349. The period of performance for this Construction and SIES effort is June 2004 – August 2005.
- V. Section J, Attachment J-4, CoF Projects – Modification and Construction of Real And Installed Property is hereby revised to add the column Estimated Construction & SIES Costs.
- VI. The following pages of the contract are revised as appended, and made an inseparable part hereof.

Revised Pages

B-1, F-1, J-4-1 and J-4-2

Added Page

J-4-3

- VII. This modification consists in its entirety of Standard Form 30, page 2, and the revised pages listed in paragraph VI. above.
- VIII. 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 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 contractor proposal(s), and/or for such additional obligation as may be required by this modification.

Contract Change Identification

CCBD ET3-00-9855, Dated 01/14/04

Contract Proposal Number

PCP B90410 (03M0-1155), PCIN
082968, Dated 11/26/03, Updated
05/05/04

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>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 7,352,523	\$ 7,352,523
This Mod	<u>\$ -0-</u>	<u>\$ -0-</u>
Total	\$ 7,352,523	\$ 7,352,523

(b) Construction of Facilities (CoF)

	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 1,281,000	\$ 1,281,000
This Mod	<u>\$ 7,500,000</u>	<u>\$ 7,500,000</u>
Total	\$ 8,781,000	\$ 8,781,000

(c) Construction of Facilities (CoF) Environmental Studies

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

Recapitulation of Total Contract Value \$ 16,133,523

SECTION F

DELIVERIES OR PERFORMANCE

F.1 LISTING OF CLAUSES INCORPORATED BY REFERENCE

NOTICE: The following clauses are hereby incorporated by reference:

52.242-10 F.O.B. Origin – Government Bills of Lading Prepaid Postage (Apr. 1984)

52.242-16 Stop-Work Order—Facilities (Aug. 1989)

(End of clause)

F.2 FAR 52.247-1 COMMERCIAL BILL OF LADING NOTATIONS (APR 1984)

If the Contracting Officer authorizes supplies to be shipped on a commercial bill of lading and the Contractor will be reimbursed these transportation costs as direct allowable costs, the Contractor shall ensure before shipment is made that the commercial shipping documents are annotated with either of the following notations, as appropriate:

(a) If the Government is shown as the consignor or the consignee, the annotation shall be:
"Transportation is for the N/A [name the specific agency] and the actual total transportation charges paid to the carrier(s) by the consignor or consignee are assignable to, and shall be reimbursed by, the Government."

(b) If the Government is not shown as the consignor or the consignee, the annotation shall be:
"Transportation is for the *NASA- Marshall Space Flight Center* and the actual total transportation charges paid to the carrier(s) by the consignor or consignee shall be reimbursed by the Government, pursuant to cost-reimbursement contract No. NNM04AA02F. This may be confirmed by contacting:

NASA- MSFC
Transportation Office AD42
ATTN: Carolyn Greenwood 256-544-2617

(End of clause)

F.3 PERIOD OF PERFORMANCE

The period of performance of this contract shall begin with the effective date of this contract and will extend through December 1, 2008. The CoF projects definitized herein are authorized for the period through August 2005 (Line Item 349).

F.4 PLACE OF PERFORMANCE (MSFC 52.237-91 FEB 2001)

The Contractor shall perform the work under this contract at the Michoud Assembly Facility (MAF), New Orleans, Louisiana, the Marshall Space Flight Center (MSFC) in Huntsville, Alabama and at such other locations as approved in writing by the Contracting Officer.

(End of clause)

{END OF SECTION}

ATTACHMENT J-4

CoF PROJECTS - MODIFICATION AND CONSTRUCTION OF REAL AND INSTALLED PROPERTY

<u>Line Item No.</u>	<u>Facility Project Description</u>	<u>Estimated Design Costs</u>	<u>Estimated Construction & SIES Costs</u>	<u>Estimated Site Investigation & Studies</u>	<u>Estimated G&A Cost</u>	<u>Estimated Construct. Start Date</u>	<u>Estimated Construct. Completion Date</u>
320	Replace Roof (102) *Option		\$1,013,426 \$71,019		(b)(4)	June 2004	July 2005
321	Replace Roof (101) *Option		\$757,939 \$43,517			June 2004	June 2005
322	Replace Roof (131)		\$754,213			June 2004	May 2005
324	Replace Industrial Wastewater Treatment Facility (IWTF) Secondary Power Distribution (173) *Option		\$589,779 \$353,245			June 2004	July 2005
325	Rehab AHU's and Exhaust Fans (318) *Option		\$802,650 \$140,380			June 2004	July 2005
326	Replace Chiller #5 (207)		\$1,131,595			June 2004	July 2005
349	Upgrade West Master Substation		\$1,414,494			July 2004	Aug 2005

* Options will be worked based on availability of funding

<u>Line Item No.</u>	<u>Facility Project Description</u>	<u>Estimated Design Costs</u>	<u>Estimated Construction & SIES Costs</u>	<u>Estimated Site Investigation & Studies</u>	<u>Estimated G&A Cost</u>	<u>Estimated Construct. Start Date</u>	<u>Estimated Construct. Completion Date</u>
2006D	FY 06 CoF Project – Design and Site Investigation						
	Install Closed Loop Chilled Water System (103) Phase II (Line Item 338)	\$158,393			(b)(4)	Dec 2005	Mar 2007
	Replace Fire Alarm Systems Phase II (Line Item 339)	\$130,108				Dec 2005	Jan 2007
	Replace Substation 46 and Motor Control Centers (MCC) (131) (Line Item 340)	\$92,957				Dec 2005	Feb 2007
	*Option	\$3,210					
	Rehab Cranes and Trolleys/Controls (103) Phase II (Line Item 341)	\$94,249				Dec 2005	Jan 2007

* Options will be worked based on availability of funding

<u>Line Item No.</u>	<u>Facility Project Description</u>	<u>Estimated Design Costs</u>	<u>Estimated Construction & SIES Costs</u>	<u>Estimated Site Investigation & Studies</u>	<u>Estimated G&A Cost.</u>	<u>Estimated Construct. Start Date</u>	<u>Estimated Construct. Completion Date</u>
2006D cont.	Replace Cooling Tower/ Chiller & Air Handling Units (AHU) 1 and 2 (420/421) (Line Item 342)	\$173,500				Dec 2005	Feb 2007
	Rehab Critical Wastewater Process Tanks (173) Phase II (Line Item 343)	\$105,578				Dec 2005	Jan 2007
	Replace Air Handling Units (AHU) and Decking North Mezzanine (103) (Line Item 344)	\$256,509			(b)(4)	Dec 2005	Apr 2007
	Replace Breathing/Plant Air Compressors (318) (Line Item 345)	\$75,413				Dec 2005	Jan 2007
	Replace Feeders 17/31 Underground (Line Item 346)	\$117,852				Dec 2005	Mar 2007