

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE 05	PAGE OF PAGES 1 3
---	--	----------------------------------	-------------------------------

2. AMENDMENT/MODIFICATION NO. 032	3. EFFECTIVE DATE APR 28 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		7. ADMINISTERED BY (If other than Item 6) Jocelyn G. Connelly/ACO (504) 257-3805	

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	\$ 41,194,973	\$ 41,694,973	\$ 40,570,296
This Modification	\$ -0-	\$ 5,700,000	\$ 5,700,000	\$ 5,700,000
Revised Contract Total	\$ 500,000	\$ 46,894,973	\$ 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) Emil L. Posey Manager Space Transportation Support Office
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED
BY _____ (Signature of person authorized to sign)	BY EMIL L. POSEY (Signature of Contracting Officer)

- I. The purpose of this modification is to incorporate the requirements of Project Change Proposals (PCP) B90420 entitled "Fiscal Year 2005 Construction of Facilities (CoF) Projects." Pursuant to the provisions of Clause B.2, Estimated Cost for Facilities and Clause B.3, Contract Funding, this modification adjusts the contract value and contract funding as set forth herein.
- II. Section B. Clause B.2, Estimated Cost for Facilities, Paragraph (b) Construction of Facilities (CoF), is hereby revised to increase the Negotiated Cost and Contract Value by \$5,700,000 for PCP B90420. The new total for Negotiated Cost and Contract Value for this paragraph are shown on the attached B-1 page.
- III. Section B. Clause B.3 Contract Funding, Construction of Facilities (CoF), is hereby amended to increase incremental funding by \$5,700,000. The new totals for Allotted Funding for this paragraph are shown on the attached page B-2.

The total sum allotted to the contract is changed from \$40,570,296 to \$46,270,296

- IV. Section J, Attachment J-4, CoF Projects – Modification and Construction of Real And Installed Property, is hereby revised to add PCP B90420, "Fiscal Year 2005 Construction of Facilities," Line Items 327, 328, 329, and 330. The period of performance for this effort is from April 2005 through April 2007.
- V. This modification administratively changes funding as set forth below:

Accounting and Appropriation Data :

PR# 4200105050

FY05 CoF Projects – Install Closed Loop Chilled Water System PH-1 (103)

Total Amount – LI 327 \$1,200,000

Total Amount – LI 328 \$1,400,000

Total Amount – LI 329 \$1,400,000

Total Amount – LI 330 \$1,700,000

Fund Center – 62-0610

WBS Element – 62-3817-20

WBS Element – 62-3816-20

WBS Element – 62-3818-20

WBS Element – 62-3819-20

Fund – EXCX02005D

Cost Center – 62AD20

- VI. The individual Small Business Plan submitted in support of PCP B90420 is hereby incorporated by reference and attached to this modification.
- VII. The following pages of the contract are revised as appended, and made an inseparable part hereof.

Revised Pages

B-1, B-2, J-4-1, J-4-2, and J-4-3

- VIII. This modification consists in its entirety of Standard Form 30, page 2, 3, and the revised 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 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 ET3-00-9928, Dated 01/26/05

Contract Proposal Number

PCP B90420 (05M0-0050), PCIN
082968, Dated 01/17/05 as
Updated on 02/04/05

Supplemental Agreement No. 032

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	\$ -0-	\$ -0-	\$ -0-
Total	\$ 500,000	\$ 29,904,441	\$ 30,404,441

(b) Construction of Facilities (CoF)

	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 11,290,532	\$ 11,290,532
This Mod	\$ 5,700,000	\$ 5,700,000
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

B.3 CONTRACT FUNDING (1852.232-81) (JUN 1990)

For purposes of payment of cost, in accordance with the Limitation of Funds clause, the total amount allotted by the Government to this contract is stated below and covers performance from the effective date of the contract through the following funded period:

	<u>Previous</u>	<u>This Action</u>	<u>Total</u>	<u>Period Funded Through</u>
Space Flight, Control & Data Communication Funds	\$ 30,882,296	\$ -0-	\$ 30,882,296	September 30, 2005
CoF Funds	\$ 9,688,000	\$ 5,700,000	\$ 15,388,000	(See individual project contract schedule)
CoF Funds (Environmental Studies)	<u>\$ -0-</u>	<u>\$ -0-</u>	<u>\$ -0-</u>	
Total Sum Allotted	\$ 40,570,296	\$ 5,700,000	\$ 46,270,296	

{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>
291	Repair Parking Lots G and H		\$471,115		(b)(4)	June 2004	Feb 2005
320	Replace Roof (102) *Option		\$1,013,426 \$71,019			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
327	Replace AHU's/Dessicant Units TPS Area (Bldg. 103) *Option		\$1,137,530			April 2005	April 2007

*Options will be worked based on availability of funding of option total (see PCP), upon completion of base scope

<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>
328	Install Closed Loop CHW System – Phase 1 *Option		\$1,326,920			April 2005	Dec 2006
329	Replace Fire Alarm System – Phase I		\$1,326,612			April 2005	Oct 2006
330	Upgrade West Master Substation – Phase II *Option		\$1,611,027			April 2005	Nov 2006
349	Upgrade West Master Substation		\$1,414,494			July 2004	Aug 2005
350	Repair Cooling Tower Building 352		\$565,660			Jun 2004	May 2005
358 (35% Design)	Rehab and Modify Building 103 for TPS Mockup (Northeast)	\$52,181			(b)(4)	Dec 2005	Sep 2006
359 (35% Design)	TPS Mock-up and Spray Storage – Building 420	\$12,824				Dec 2005	Jun 2006
361 (35% Design)	Rehab and Modify Final Assembly – Building 103	\$62,067				Nov 2005	Nov 2006
362 (35% Design)	Rehab and Modify Final Assembly Positions 1&2	\$51,049				Nov 2005	Nov 2006
363 (35% Design)	Rehab and Modify Final Assembly Position 3	\$31,484				Nov 2005	Nov 2006
364 (35% Design)	Rehab and Modify Final Assembly Position 4	\$31,484				Nov 2005	Nov 2006

*Options will be worked based on availability of funding of option total (see PCP), upon completion of base scope

Line Item No.	Facility Project Description	Estimated Design Costs	Estimated Construction & SIES Costs	Estimated Site Investigation & Studies	Estimated G&A Cost	Estimated Construct. Start Date	Estimated Construct. Completion Date	
55 (Design)	Rehab and Modify Intertank Position 3	\$14,423			(b)(4)	Nov 2005	Nov 2006	
56 (Design)	Rehab and Modify Cell A Close Out Area	\$28,740				Nov 2005	Nov 2006	
67 (Design)	Rehab and Modify Building 420, Cells 1 & 2	\$29,869				Oct 2005	Nov 2006	
68 (Design)	Rehab and Modify 103 for New Gun/ Proportioner Facility	\$74,754				Mar 2006	Mar 2007	
06D	FY 06 CoF Project – Design and Site Investigation							
	Install Closed Loop Chilled Water System (103) Phase II (Line Item 338)	\$158,393				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) *Option	\$92,957 \$3,210				Dec 2005	Feb 2007	
	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 of option total (see PCP), upon completion of base scope