

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>		1. CONTRACT ID CODE <b>05</b>	PAGE OF PAGES <b>1   2</b>
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2. AMENDMENT/MODIFICATION NO. <b>072</b>	3. EFFECTIVE DATE <b>SEP 29 2006</b>	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO. (If applicable) <b>EXTERNAL TANK</b>
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6. ISSUED BY Procurement Office George C. Marshall Space Flight Center National Aeronautics and Space Administration Marshall Space Flight Center, AL 35812	CODE <b>PS42D MJO</b>	7. ADMINISTERED BY (If other than Item 6) <b>Jocelyn G. Connelly/PS42M (504) 257-3805</b>	CODE <b>PS42D</b>
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8. NAME AND ADDRESS OF CONTRACTOR (No. Street, county, State and ZIP: Code) <b>Lockheed Martin Corporation P.O. Box 29304 New Orleans, LA 70189</b>	(X)	9A. AMENDMENT OF SOLICITATION NO.
		9B. DATED (SEE ITEM 11)
	(X)	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>NNM04AA02F</b>
		10B. DATED (SEE ITEM 13) <b>10-27-03</b>
CODE <b>100016</b>	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: <b>FAR Clause 52.243-2, Changes – Cost Reimbursement, and FAR 43.103(a)</b>
	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 Cost	Contract Value	Allotted Funding
Previous Contract Total	\$ 22,738,363	\$ 108,839,057	\$131,577,420	\$ 124,425,453
This Modification	\$ -0-	\$ 3,295,774	\$ 3,295,774	\$ -0-
Revised Contract Total	\$ 22,738,363	\$ 112,134,831	\$ 134,873,194	\$ 124,425,453

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) <b>Bradley P. Cartwright Director, Contracts and Estimating</b>	16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) <b>Emil L. Posey Manager Space Transportation Support Officer</b>
15B. CONTRACTOR/OFFEROR	16B. UNITED STATES OF AMERICA
15C. DATE SIGNED	16C. DATE SIGNED <b>SEP 29 2006</b>
BY _____ (Signature of person authorized to sign)	BY _____ ORIGINAL SIGNED BY (Signature of Contracting Officer)

- I. The purpose of this modification is to incorporate the requirements of Project Change Proposal (PCP) B81838F, entitled "Rehab and Modify Building 103 for TPS Mockup (Southwest) and Spray Center at MAF" in accordance with Section H, paragraph H.5, Construction of Facilities CoF Projects.
- II. Section B. Clause B.2, Estimated Cost for Facilities, (b) Construction of Facilities (CoF) Funds, is hereby amended to increase the Negotiated Cost and Contract Value by \$3,295,774. The new totals for Negotiated Cost and Contract Value for this paragraph are shown on the attached page.
- III. Attachment J-4, CoF Projects – Modification and Construction of Real and Installed Property, is amended to add Line Item # 358, Rehab and Modify Building 103 for TPS Mockup (Southwest) and Spray Center at MAF.
- IV. It is mutually agreed that the contractor will not commence work on the scope incorporated with this modification until such time as the contract is modified to add funding in the amount of \$3,295,774 for this effort.
- V. The following pages of the contract are revised or added, as appended, and made an inseparable part hereof.
- VI. Revised Pages:  
  
B-1, B-1a and J-4-5
- 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 ET3-00-9970, Dated 07/22/05  
Supplemental Agreement No. 72

Contract Proposal Number  
PCP B81838F (06M0-0930), PCIN 071372  
Dated 09/19/06 and updates.

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	\$ 1,764,161	\$ 70,965,519	\$ 72,729,680
This Mod	\$ 0	\$ -0-	\$ -0-
Total	\$ 1,764,161	\$ 70,965,519	\$ 72,729,680

(b) Construction of Facilities (CoF)

	<u>Provisional Cost</u>	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ -0-	\$ 32,075,742	\$ 32,075,742
This Mod	\$ -0-	\$ 3,295,774	\$ 3,295,774
Total	\$ 0	\$ 35,371,516	\$ 35,371,516

(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-

(d) Hurricane Katrina Recovery – Real Property

	<u>Provisional Estimated Cost</u>	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 4,064,987	\$ 2,773,420	\$ 6,838,407
This Mod	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>-0-</u>
Total	\$ 4,064,987	\$ 2,773,420	\$ 6,838,407

(e) Hurricane Katrina Recovery – Programmatic

	<u>Provisional Estimated Cost</u>	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 7,767,315	\$ 3,024,376	\$ 10,791,691
This Mod	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>-0-</u>
Total	\$ 7,767,315	\$ 3,024,376	\$ 10,791,691

(f) Hurricane Katrina Recovery – Response and Recovery

	<u>Provisional Estimated Cost</u>	<u>Negotiated Cost</u>	<u>Contract Value</u>
Previous	\$ 9,141,900	\$ -0-	\$ 9,141,900
This Mod	\$ <u>-0-</u>	\$ <u>-0-</u>	\$ <u>-0-</u>
Total	\$ 9,141,900	\$ -0-	\$ 9,141,900

Recapitulation of Total Contract Value      \$ 134,873,194

Contract NNM04AA02F  
Modification Number 72

<u>Line Item No.</u>	<u>Facility Project Description</u>	<u>Estimated Design Costs</u>	<u>Estimated Construction &amp; SIES Costs</u>	<u>Estimated Site Investigation &amp; Studies</u>	<u>Estimated G&amp;A Cost</u>	<u>Estimated Construct. Start Date</u>	<u>Estimated Construct. Completion Date</u>
2007D	FY07 CoF Design Projects Replace Fire Alarm Systems- Phase III (Line Item 352)	\$179,047				Sep 2007	Nov 2008
	Replace Plant Air System- (103/207)-Phase I* (Line Item 357)	\$105,543				Sep 2007	Nov 2008
334	Replace AHU's 14, 17, 20, 25, and 26 (Building 103)*		\$2,086,969			Sep 2006	Jan 2008
338	Install Closed Loop Chilled Water System- Phase II*		\$3,988,320		(b)(4)	Oct 2006	Apr 2008
339	Replace Fire Alarm Systems - Phase II*		\$2,181,953			Sep 2006	Apr 2008
342	Replace Cooling Towers/Chillers & AHU's I & 2 (Building 420 & 421)*		\$1,233,665			Sep 2006	Jan 2008
358	Rehab and Modify Building 103 for TPS Mockup (Southwest)		\$3,146,753			Oct 2006	Aug 2007

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