

<b>AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT</b>				1. CONTRACT ID CODE	PAGE 1 OF PAGES 2
2. AMENDMENT/MODIFICATION NO. <b>P00042</b>		3. EFFECTIVE DATE <b>15 Aug 01</b>	4. REQUISITION/PURCHASE REQ. NO. <b>SEE SCHEDULE</b>	5. PROJECT NO. (If applicable) N/A	
6. ISSUED BY 45 <sup>TH</sup> CONTRACTING SQUADRON 1201 EDWARD H. WHITE ST, BLDG 423 PATRICK AFB, FL 32926-3238		CODE <b>FA2521</b>	7. ADMINISTERED BY (If other than Item 6) CODE		
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State and ZIP Code)  Computer Sciences Raytheon P.O. Box 4127 Patrick AFB FL 32925-4127			(X)	9A. AMENDMENT OF SOLICITATION NO.	
				9B. DATED (SEE ITEM 11)	
			X	10A. MODIFICATION OF CONTRACT/ORDER NO. <b>F08650-00-C-0005</b>	
CODE ODN90 1L FACILITY CODE				10B. DATED (SEE ITEM 13) <b>3 Feb 00</b>	

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 1 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 Section G

NET INC. \$10,130

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

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).

C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:

X D. OTHER (Specify type of modification and authority)  
**FAR 52.243-2 Changes-Cost Reimbursement ALT II**

E. IMPORTANT: Contractor  is not,  is required to sign this document and return 1 copies to the issuing office.

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

POC: KYLE C. ROBERTS  
PHONE: 321-494-2764  
E-MAIL: kyle.roberts@patrick.af.mil

SEE PAGE TWO

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)		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) KYLE C. ROBERTS Contracting Officer	
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  (Signature of Contracting Officer)	16C. DATE SIGNED

STANDARD FORM 30(continued)

A. The purpose of this bilateral modification is to incorporate Contract Change Proposal (CCP) 125-01 dated 8 Aug 01 for support to the deactivation of the M43 (FTSS) equipment at JDMTA. The contractor’s proposal, dated 8 Aug 01, is hereby incorporated by reference. Changes can be found at Statement of Work paragraph 1.7.8

**All changes are denoted by a vertical line in the right margin.**

B. Part 1- THE SCHEDULE

(1) Section A – Contract Form

The amount in Block 20 of Standard Form 33, Solicitation/Offer and Award is hereby changed from \$103,991,175 to \$104,001,305 to reflect an increase of \$10,130 in the FY01 estimated cost as well as to more accurately reflect the total value of the contract to date.

(2) Section B – Supplies/Services and Price/Cost

CLINs 1002, 1009AE, 1009AF and 1010AB are changed.

Pages B-8, B-9, B-10, B-11, B-12 and B-38 are hereby superseded by the attached B-8, B-9, B-10, B-11, B-12 and B-38 marked “Modification P00042”.

(3) Section G – Contract Administration Data

ACRN BA is changed from \$61,638,591 to \$61,648,721, an increase of \$10,130. Page G-1.1 is superseded by the attached page G-1.1 marked “Modification P00042”.

(4) Section J- Statement of Work

Section J, Attachment 1, Page 14 is hereby superseded by the attached page 14, marked “Modification P00042”.

C. All other contract terms and conditions remain unchanged.

D. Release of Claims: In consideration of the modification agreed to herein as complete and equitable adjustment for CCP 01-125, dated 8 Aug 01, the contractor releases the government from any and all liability under this contract for further equitable adjustment attributable to such facts or circumstances giving rise to the reference proposal.

////////////////////////////////////LAST ITEM////////////////////////////////////

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**

**Range Technical Services Contract**

**Option Period 1 - FY01**

<b>CONTRACT LINE ITEM (CLIN)</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>ESTIMATED COST</b>
<b>1001</b>	<b>RESERVED</b> <b>(Operations and Maintenance-48hr range turn time)</b> (Cost-Plus-Award Fee) Est. Amount      Change      To Est. Cost      \$      -      \$      -      \$      -	<b>1</b>	<b>JO</b>	\$      -
<b>1002</b>	<b>TECHNICAL SERVICES</b> <b>(Operations and Maintenance)</b> (Cost-Plus-Award Fee) From      Change      To Est. Cost      \$      43,988,065      \$      8,799      \$      43,996,864	<b>1</b>	<b>JO</b>	\$      43,996,864
<b>1003</b>	<b>RANGE COMMUNICATIONS SUSTAINMENT</b> (Firm Fixed Price or Cost-Plus-Fixed Fee Modifications) Baseline \$7.83M From      Change      To Est. Cost      \$      -      \$      -      \$      -	<b>1</b>	<b>JO</b>	\$      - TBN
<b>1004</b>	<b>RESERVED</b>			
<b>1005</b>	<b>PRICE OPTION CLIN -</b> <b>WEATHER STATION OBSERVATIONS AT PATRICK AFB</b> (Cost-Plus-Award Fee) SEE NOTE 3 From      Change      To Est. Cost      \$      176,165      \$      176,165	<b>1</b>	<b>JO</b>	\$      176,165
<b>1006</b>	<b>PRICE OPTION CLIN - COMMUNICATIONS (MXB)</b> (Cost-Plus-Award Fee) SEE NOTE 4 From      Change      To Est. Cost      \$      1,437,129      \$      1,437,129	<b>1</b>	<b>JO</b>	\$      1,437,129
<b>1007</b>	<b>RSA/SLRS PROGRAM SUPPORT</b> (Cost-Plus-Award Fee) From      Change      To Est. Cost      \$      3,056,508      \$      3,056,508	<b>1</b>	<b>JO</b>	\$      3,056,508
<b>1008</b>	<b>DATA REQUIREMENTS</b>	<b>1</b>	<b>JO</b>	\$NSP

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**

**Range Technical Services Contract**

**Option Period 1 - FY01**

<b>CONTRACT LINE ITEM (CLIN)</b>	<b>DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>1009</b>	<b>AWARD FEE POOL</b> (In accordance with Award Fee Plan)	Available Pool
<b>1009AA</b>	<b>RESERVED</b> 01 Oct 00 – 28 Feb 01 (Associated with CLIN 1001) From Change To Est. Cost \$ - \$ - \$ -	\$ -
<b>1009AB</b>	<b>RESERVED</b> 01 Mar 01 – 31 Aug 01 (Associated with CLIN 1001) From Change To Est. Cost \$ - \$ - \$ -	\$ -
<b>1009AC</b>	<b>RESERVED</b> 01 Sep 01 – 30 Sep 01 (Associated with CLIN 1001) From Change To Est. Cost \$ - \$ - \$ -	\$ -
<b>1009AD</b>	<b>Award Fee Pool Available/Earned</b> 01 Oct 00 – 28 Feb 01 (Associated with CLIN 1002) From Change To Est. Cost \$ 1,109,422 \$ 1,109,422	\$ 1,109,422
<b>1009AE</b>	<b>Award Fee Pool Available/Earned</b> 01 Mar 01 – 31 Aug 01 (Associated with CLIN 1002) From Change To Est. Cost \$ 1,435,067 \$ 477 \$ 1,435,544	\$ 1,435,544
<b>1009AF</b>	<b>Award Fee Pool Available/Earned</b> 01 Sep 01 – 30 Sep 01 (Associated with CLIN 1002) From Change To Est. Cost \$ 237,824 \$ 95 \$ 237,919	\$ 237,919
<b>1009AG-1009AJ RESERVED</b>		
<b>1009AK</b>	<b>Award Fee Pool Available/Earned</b> 01 Oct 00 – 28 Feb 01 (Associated with CLIN 1005) From Change To Est. Cost \$ 4,771 \$ 4,771	\$ 4,771
<b>1009AL</b>	<b>Award Fee Pool Available/Earned</b> 01 Mar 01 – 31 Aug 01 (Associated with CLIN 1005) From Change To Est. Cost \$ 5,725 \$ 5,725	\$ 5,725

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**

**Range Technical Services Contract**

**Option Period 1 - FY01**

<b>CONTRACT LINE ITEM (CLIN)</b>	<b>DESCRIPTION</b>	<b>ESTIMATED COST</b>
<b>1009AM</b>	<b>Award Fee Pool Available/Earned</b> 01 Sep 01 – 30 Sep 01 (Associated with CLIN 1005) From Change To Est. Cost \$ 954 \$ 954	\$ 954
<b>1009AN</b>	<b>Award Fee Pool Available/Earned</b> 01 Oct 00 – 28 Feb 01 (Associated with CLIN 1006) From Change To Est. Cost \$ 38,922 \$ 38,922	\$ 38,922
<b>1009AP</b>	<b>Award Fee Pool Available/Earned</b> 01 Mar 01 – 31 Aug 01 (Associated with CLIN 1006) From Change To Est. Cost \$ 46,707 \$ 46,707	\$ 46,707
<b>1009AQ</b>	<b>Award Fee Pool Available/Earned</b> 01 Sep 01 – 30 Sep 01 (Associated with CLIN 1006) From Change To Est. Cost \$ 7,784 \$ 7,784	\$ 7,784
<b>1009AR</b>	<b>Award Fee Pool Available/Earned</b> 01 Oct 00 – 28 Feb 01 (Associated with CLIN 1007) From Change To Est. Cost \$ 62,208 \$ 62,208	\$ 62,208
<b>1009AS</b>	<b>Award Fee Pool Available/Earned</b> 01 Mar 01 – 31 Aug 01 (Associated with CLIN 1007) From Change To Est. Cost \$ 119,913 \$ 119,913	\$ 119,913
<b>1009AT</b>	<b>Award Fee Pool Available/Earned</b> 01 Sep 01 – 30 Sep 01 (Associated with CLIN 1007) From Change To Est. Cost \$ 16,551 \$ 16,551	\$ 16,551
<b>TOTAL PROPOSED AWARD FEE</b>		<b>\$ 3,086,420</b>
<b>AWARD FEE (CLINS 1009AA-AC &amp; 1009AG-AT)</b>		<b>\$ 303,535</b>
<b>AWARD FEE (CLINS 1009AD-AT)</b>		<b>\$ 3,086,420</b>

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**

**Range Technical Services Contract**

**Option Period 1 - FY01**

<b>CONTRACT LINE ITEM (CLIN)</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT</b>	<b>ESTIMATED COST</b>
<b>1010</b>	<b>REIMBURSABLE SERVICES</b> (Non-fee bearing)			
<b>1010AA</b>	<b>Overtime</b>  From                      Change                      To Est. Cost                \$    5,446,751                      \$    5,446,751	<b>1</b>	<b>JO</b>	\$    5,446,751
<b>1010AB</b>	<b>Travel and Per Diem</b>  From                      Change                      To Est. Cost                \$    831,000    \$        759    \$    831,759	<b>1</b>	<b>JO</b>	\$    831,759
<b>1010AC</b>	<b>Contractor Acquired Property (CAP)</b>  From                      Change                      To Est. Cost                \$    8,589,538                      \$    8,589,538	<b>1</b>	<b>JO</b>	\$    8,589,538
<b>1010AD</b>	<b>Downrange A&amp;E</b>  From                      Change                      To Est. Cost                \$    1,570,000                      \$    1,570,000	<b>1</b>	<b>JO</b>	\$    1,570,000
<b>1010AE</b>	<b>Downrange Construction</b> <b><u>Baseline \$2.77M</u></b>  From                      Change                      To Est. Cost                \$    444,044                      \$    444,044	<b>1</b>	<b>JO</b>	\$    444,044

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**

**Range Technical Services Contract**

**Option Period 1 - FY01**

<b>RESERVED ESTIMATED COSTS (CLINS 1001 – 1008) (exclude 1002 &amp; 1003)</b>	<b>\$ -</b>
<b>RESERVED ESTIMATED COST (CLIN 1003)</b>	<b>\$ -</b>
<b>RESERVED AWARD FEE (CLINS 1009AA – AC &amp; 1009AG - AT)</b>	<b>\$ -</b>
<b>RESERVED ESTIMATED COSTS (CLINS 1010AA - AE)</b>	<b>\$ -</b>
<b>RESERVED TOTAL ESTIMATED AMOUNT FY01</b>	<b>\$ -</b>
<b>ESTIMATED COSTS (CLINS 1002 – 1008) (exclude 1003)</b>	<b>\$ 48,666,666</b>
<b>ESTIMATED COST (CLIN 1003)</b>	<b>\$ -</b>
<b>AWARD FEE (CLINS 1009AD - AT)</b>	<b>\$ 3,086,420</b>
<b>ESTIMATED COSTS (CLINS 1010AA - AE)</b>	<b>\$ 16,882,092</b>
<b>TOTAL ESTIMATED AMOUNT FY01</b>	<b>\$ 68,635,178</b>

**SECTION B - SUPPLIES OR SERVICES AND PRICES/COST (cont'd)**  
**Range Technical Services Contract**

**SUMMARY**

<b>1. Total Phase-in Price</b>	<b>\$ 142,597</b>
<b>2. Total Estimated Amount - FY 00</b>	<b>\$ 35,223,527</b>
<b>3A. Total Estimated Amount - FY 01</b> <b>(CLINs 1001, 1003-1010 [exclude 1009AD-AF])</b>	<b>\$ -</b>
<b>3B. Total Estimated Amount - FY 01</b> <b>(CLINs 1002-1010 [exclude 1009AA-AC])</b>	<b>\$ 68,635,178  </b>
<b>4A. Total Estimated Amount - FY 02</b> <b>(CLINs 2001, 2003-2010 [exclude 2009AD-AF])</b>	<b>\$ 64,066,162</b>
<b>4B. Total Estimated Amount - FY 02</b> <b>(CLINs 2002-2010 [exclude 2009AA-AC])</b>	<b>\$ 64,683,105</b>
<b>5A. Total Estimated Amount - FY 03</b> <b>(CLINs 3001, 3003-3010 [exclude 3009AD-AF])</b>	<b>\$ 63,918,050</b>
<b>5B. Total Estimated Amount - FY 03</b> <b>(CLINs 3002-3010 [exclude 3009AA-AC])</b>	<b>\$ 64,557,390</b>
<b>6A. Total Estimated Amount - FY 04</b> <b>(CLINs 4001, 4003-4010 [exclude 4009AD-AF])</b>	<b>\$ 64,957,546</b>
<b>6B. Total Estimated Amount - FY 04</b> <b>(CLINs 4002-4010 [exclude 4009AA-AC])</b>	<b>\$ 65,617,865</b>
<b>7A. Total Estimated Amount - FY 05</b> <b>(CLINs 5001, 5003-5010 [exclude 5009AD-AF])</b>	<b>\$ 65,932,296</b>
<b>7B. Total Estimated Amount - FY 05</b> <b>(CLINs 5002-5010 [exclude 5009AA-AC])</b>	<b>\$ 66,611,564</b>
<b>8A. Total Estimated Amount - FY 06</b> <b>(CLINs 6001, 6003-6010 [exclude 6009AD-AF])</b>	<b>\$ 67,545,231</b>
<b>8B. Total Estimated Amount - FY 06</b> <b>(CLINs 6002-6010 [exclude 6009AA-AC])</b>	<b>\$ 68,244,060</b>
<b>TOTAL ESTIMATED AMOUNT FY 00-06</b> <b>(Items 1, 2, 3A, 4A, 5A, 6A, 7A, 8A)</b>	<b>\$ 361,785,409</b>
<b>TOTAL ESTIMATED AMOUNT FY 00-06</b> <b>(Items 1, 2, 3B, 4B, 5B, 6B, 7B, 8B)</b>	<b>\$ 433,715,286  </b>



- 1.7.6.1.3 Forward viable RS and technical assessments to the Government validation official.
- 1.7.6.1.4 Track all RS from submission to closure and provide regular status reports to the requirement originators and Government.
- 1.7.6.1.5 Close RS upon delivery of the required capability or when withdrawn by the originator.
- 1.7.6.1.6 Provide periodic reviews of outstanding RS and recommend priority adjustments or cancellation when circumstances change.
- 1.7.6.1.7 Track requirements using automated tracking system. Upgrade systems as needed.
- 1.7.6.1.8 Develop and maintain documentation describing the instrumentation requirements process and provide periodic requirements process training to Range and Range customer organizations.
- 1.7.6.1.9 Develop and regularly report metrics that characterize the effectiveness of the instrumentation requirements process. [CDRLs A212, A213, A214A]
- 1.7.6.2 Instrumentation Requirements, Design, and Test Reviews. RIPTs to develop a detailed description of the ER functional requirements for major instrumentation projects. These requirements are captured in a FRD to be provided to the implementing organization. [CDRL A216]
  - 1.7.6.2.1 Participate in requirement and design reviews held by the implementing organization to verify that ER requirements are understood and to identify and resolve requirement conflicts that arise during the development cycle.
  - 1.7.6.2.2 Participate in test reviews held by the implementing organization to verify that ER requirements are adequately tested and recommend test effectiveness improvements to the implementing organization.

### ***1.7.7 Instrumentation Acceptance***

Review all new or modified instrumentation before initial use to verify that the system meets minimum operational requirements and does not introduce unacceptable risk to the ER mission.

- 1.7.7.1 Communicate results of the instrumentation acceptance determination to the Government and all system stakeholders.
- 1.7.7.2 Develop and maintain documentation describing the instrumentation acceptance process.
- 1.7.7.3 Develop and regularly report metrics that characterize the effectiveness of the instrumentation acceptance process. [CDRL A215]

### ***1.7.8 Independent Test***

Prepare test plans and procedures, conduct testing, evaluate test data, and prepare test reports when independent testing is required to evaluate the operational suitability of a new or modified instrumentation system. Operator and maintainer support of all testing required for RS 10597 to support removal process of M43 FTSS equipment.

### ***1.7.9 Instrumentation System Operations and Maintenance***

Operate and maintain ER instrumentation systems to full certified capability to meet scheduled mission activities. Develop instructions to meet mission needs for operating and maintaining Range instrumentation. Notify the MOCC of systems operational availability whenever a change in status occurs. [CDRL A220]

- 1.7.9.1 Radar Systems. Operate and maintain radar systems to meet scheduled operations, tests, and space track requirements (see section 5.5.1.1). **(Note: Space Track is not applicable at Antigua AS)**
  - 1.7.9.1.1 Record tracking data for domestic and foreign launches, position data for satellites, SOI data and catalog data for transmission to CCAS and NORAD 24 hours a day, 7 days a week.
  - 1.7.9.1.2 Operate the RADCAL ground station located at PAFB and Ascension AAF.
  - 1.7.9.1.3 Operate Furuno sea surveillance radar(s) to support surveillance control at the ROCC during operations.
  - 1.7.9.1.4 Operate the SPARC for real-time monitoring and radar asset control.