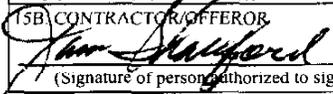
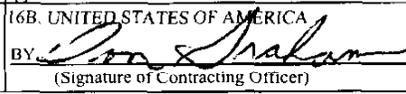


AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT				1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. P00133		3. EFFECTIVE DATE 01-Oct-2003	4. REQUISITION/PURCHASE REQ. NO.	5. PROJECT NO.(If applicable)		
6. ISSUED BY 45 CONS/LGCZR 1201 EDWARD H WHITE II ST PATRICK AFB FL 32925-3237	CODE FA2521	7. ADMINISTERED BY (If other than item 6) 45 CONS/LGCZR 1201 EDWARD H. WHITE II ST. PATRICK AFB FL 32925-3237		CODE FA2521		
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code) COMPUTER SCIENCES RAYTHEON 1201 EDWARD H. WHITE II ST PATRICK AFB FL 32925-0127				9A. AMENDMENT OF SOLICITATION NO.		
				9B. DATED (SEE ITEM 11)		
				X	10A. MOD. OF CONTRACT/ORDER NO. F08650-00-C-0005	
				X	10B. DATED (SEE ITEM 13) 06-Mar-2001	
CODE ODN90		FACILITY CODE				
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS						
<input type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended.						
<p>Offer 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:</p> <p>(a) By completing Items 8 and 15, and returning _____ 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 ACKNOWLEDGMENT 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.</p>						
12. ACCOUNTING AND APPROPRIATION DATA (If required)						
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) Bilateral - Mutual Agreement of the Parties and FAR 52-243-2						
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input checked="" type="checkbox"/> is required to sign this document and return <u>1</u> copies to the issuing office.						
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) POC: CELSO CARBONELL PHONE: 321-494-3934 E-MAIL: celso.carbonell@patrick.af.mil CO PHONE: 321-494-7094 CO E-MAIL: don.graham@patrick.af.mil  <p style="text-align: center;">SEE PAGE TWO</p>						
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) James D. Shackelford, Sr. Contracts Manager			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) DON GRAHAM, Contracting Officer			
15B. CONTRACTOR/OFFEROR  (Signature of person authorized to sign)		15C. DATE SIGNED 10/20/03	16B. UNITED STATES OF AMERICA BY:  (Signature of Contracting Officer)		16C. DATE SIGNED 10/21/03	

EXCEPTION TO SF 30  
APPROVED BY OIRM 11-84

30-105-04

STANDARD FORM 30 (Rev. 10-83)  
Prescribed by GSA  
FAR (48 CFR) 53.243

STANDARD FORM 30(continued)

- A. The purpose of this bilateral modification is to add Operations and Maintenance (O&M) of the Standard Digital Transport System (SDTS) as defined in Contract Change Proposal (CCP) 04-104, dated 5 Sep 03. This mod incorporates paragraph 1.8.6. 20 to the Statement of Work (SOW) and adds the SDTS system to the CCAFS location in Paragraph 5.5.1.8 Communications/Data Transfer.

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

- B. Section J:

Section J - Attachment 1 – Statement of Work Page 21 is superseded and hereby replaced with Attachment 1- Statement of Work Page 21 marked “Modification P00133.”

Section J - Attachment 1, Appendices Page 150 is superseded and hereby replaced by Attachment 1, Appendices Page 150 marked “Modification P00133.”

- C. All other contract terms and conditions remain unchanged.
- D. Release of Claims: In consideration of the modification agreed herein as complete and equitable adjustment for CCP 04-104, dated 5 Sep 03. 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//////////////////////////////////////

- 1.8.6.4 Perform postlaunch inspections at launch complexes for damages sustained by communications equipment and facilities and initiate corrective action to repair or replace the damage.
- 1.8.6.5 Operate and maintain closed circuit television (CCTV), Cape Cable Television Distribution System (CCTDS) and data transport systems equipment to support scheduled operations. Maintain communications distribution system through the MDF but not beyond the demarcation block at LO&SC facilities.
- 1.8.6.6 Operate and maintain ER video transmission and CCTV/CCTDS systems including video cameras, monitors, recorders, patching, test facilities, wideband amplifiers, equalizers, and transmission "treatment" equipment, as applicable. Install selected CCTDS throughout CCAFS, as required.
- 1.8.6.7 Patch and Test. Operate the communication control and technical areas to ensure assets are available to support scheduled operations.
- 1.8.6.8 Manage and control circuit patching, switching, transmission treatment and terminal equipment, operating consoles, and cordless switchboards to provide reliable communications to users.
- 1.8.6.9 Maintain AF Forms 2586, process Bell South circuit orders, maintain CCAS long-line leased communication circuit folders including Feeder Request for Service and in-effect reports, manage the database, maintain circuit outage reports, verify downtime, verify facility link data for Antigua, and initiate Space Shuttle circuit requests for service.
- 1.8.6.10 Maintain the cryptologic equipment for the ER.
- 1.8.6.11 Maintain the RSVV and all mobile production equipment. Maintain communications between the UCS and the TVOC.
- 1.8.6.12 Operate and maintain communications satellite terminal equipment and associated network management, health, and status equipment.. Request air-to-ground satellite circuits.
- 1.8.6.13 In LO&SC facilities, maintain 45 SW LAN end instruments, GCCS, COMSEC support equipment, and pad safety consoles. Maintain only 45 SW LAN end instruments in Bldgs 60705 and 60709.
- 1.8.6.14 Schedule operating times to control RF emanations originating from the ER and KSC. Deconflict frequencies to ensure bandwidths do not overlap. Report all incidents of electromagnetic interference. [ADPL A233A]
- 1.8.6.15 Serve as POC for RF environmental control at CCAS for protection of payloads from RF exposure during prelaunch processing.
- 1.8.6.16 Maintain a daily frequency schedule to ensure an interference-free RF environment in support of Range operations. [ADPL A233A]
- 1.8.6.17 Operate and maintain HF, VHF, UHF, and microwave transmitters and receivers and associated devices including Doppler correction units, voice control units, multicouplers, multiplex equipment, air and ground radio equipment to provide the necessary air and ground point-to-point communications as required for operations.
- 1.8.6.18 Provide 24-hour-a-day, 7-day-a-week manned communications control operation and on-call maintenance of US Navy-provided UHF/VHF equipment located at CCAS.
- 1.8.6.19 Operate and maintain the components of the RSA Phase 1 Cape Fiber Optics Network (CFON) system required to support RSA SATCOM. Operations and maintenance of the remainder of the CFON system is not required.
- 1.8.6.20 Operate and maintain the Standard Digital Transport System

### **1.8.7 Communications (MXB)**

Perform organizational maintenance and DLM on all ER HF and VHF/UHF antenna microwave systems.

1.8.7.1 Perform DLM annually or as directed by applicable Technical Orders or manufacturers' maintenance manuals.

1.8.7.2 Provide survey, design, engineering, drafting, and installation services for PAW, DRCS (from switch up to and including the end instruments) and Green Phone systems.

1.8.7.3 Perform depot-level repair on PAW/TOPS and Green Phones.

1.8.7.4 Install and terminate copper and fiber optics communications cable to any government controlled facility on the ER, except Patrick Air Force Base, or to the commercial/government demarcation point. Install all termination equipment required for cable termination. Perform all engineering coordination, test, documentation and configuration management activities required for both the cable and required termination equipment. Install inner ducts, when required, in support of fiber-optic cable installations.

Clean and repair ducts as needed during any cable installation.

F08650-00-C-0005

Modification P00133

Sect J-Attach 1-Page 21

	CCAS	KSC	PAFB	JDMTA	TALS	ASC
<b>50-Mhz Doppler Radar Wind Profiler</b>	-	X	-	-	-	-
<b>915-Mhz Doppler Radar Wind Profiler</b>	X	X	-	-	-	-
<b>Real Time Winds Aloft Processing System (data reduction)</b>	X	-	-	-	-	-
<b>Meteorological Satellite Receivers</b>	X	-	-	-	-	-
<b>Weather Information Network Display System</b>	X	X	-	-	-	-
<b>Lightning Detection and Ranging (LDAR)</b>	X	X	-	-	-	-
<b>ER Dispersion Assessment System (ERDAS)</b>	X	-	X	-	-	-
<b>SLF/Launch Pad Met Sensors/Airfield Weather Sensors</b>	X	X	-	-	-	X
<b>Automated Surface Observing System</b>	X	-	X	-	-	-
<b>RATS</b>	-	-	-	-	X	-
<b>Mobile Surface Observing Equipment</b>	-	-	-	-	X	-
<b>Sonic Detection and Ranging System (SODAR)</b>	X	X	-	-	-	-

## 5.5.1.8 Communications/Data Transfer

	CCAS	PAFB	MAL	JDMTA	ANT	ASC
<b>Systems</b>	X					
<b>Voice Comm.</b>	X	X	X	X	X	X
<b>Teletype</b>	X	X	-	X	X	X
<b>Secure Voice</b>	X	X	X	X	X	X
<b>Central Office</b>	X	X	-	X	X	X
<b>SATCOM</b>	X	-	-	X	X	X
<b>Microwave (see note)</b>	X	X	X	X	-	-
<b>Radio (HF)</b>	X	X	X	-	-	X
<b>Datacom</b>	X	X	X	X	X	X
<b>Tech. Control</b>	X	-	-	X	X	X
<b>Navigation Aids</b>	X	X	-	-	-	X
<b>CCTV</b>	X	X	X	X	X	-
<b>SDTS</b>	X					

The following Mode I sites will be manned 24 hours-a-day, 7 days-a-week:

Telecommunications Centers, CCAS and Ascension AAF  
 Communications Control, CCAS  
 Technical Control, CCAS  
 Wideband Systems, CCAS  
 COMSEC Systems, CCAS  
 USAF Aeronautical Station, Ascension AAF  
 Satellite Earth Station, Ascension AAF  
 Technical Control, Ascension AAF  
 HF Transmitter and Receiver Sites, Ascension AAF  
 Weather Intercept Facility, Ascension AAF