

SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
OFFEROR TO COMPLETE BLOCKS 12, 17, 23, 24, AND 30

1. REQUISITION NUMBER
F5LMCA40560200

PAGE 1 OF 13

2. CONTRACT NO. F04700-02-D-0005	3. AWARD/EFFECTIVE DATE 18-Mar-2004	4. ORDER NUMBER 0122	5. SOLICITATION NUMBER	6. SOLICITATION ISSUE DATE
7. FOR SOLICITATION INFORMATION CALL:		a. NAME	b. TELEPHONE NUMBER (No Collect Calls)	8. OFFER DUE DATE/LOCAL TIME

9. ISSUED BY AFFTC/PK-FA9301 NEAL NEWBERRY 5 S. WOLFE EDWARDS CA 93561 TEL: 661-277-8801 FAX: 661-275-9676	CODE	FA9301	10. THIS ACQUISITION IS <input checked="" type="checkbox"/> UNRESTRICTED <input type="checkbox"/> SET ASIDE: % FOR <input type="checkbox"/> SMALL BUSINESS <input type="checkbox"/> HUBZONE SMALL BUSINESS <input type="checkbox"/> 8(A) NAICS: 541512 SIZE STANDARD: 18M	11. DELIVERY FOR FOB DESTINATION UNLESS BLOCK IS MARKED <input type="checkbox"/> SEE SCHEDULE <input type="checkbox"/> 13a. THIS CONTRACT IS A RATED ORDER UNDER DPAS (15 CFR 700) 13b. RATING	12. DISCOUNT TERMS Net 30 Days
			14. METHOD OF SOLICITATION <input type="checkbox"/> RFQ <input type="checkbox"/> IFB <input type="checkbox"/> RFP		

15. DELIVER TO 412 TW/TSTM ATTN MH UNIT - F5LMCA D. WATSON 307 E POPSON BLDG 1400 RM 413 EDWARDS AFB CA 93524-6830	CODE	F5LMCA	16. ADMINISTERED BY SEE ITEM 9	CODE	
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17a. CONTRACTOR/ OFFEROR EMC CORPORATION BRIAN CONWAY 2201 DUPONT DRIVE STE 500 IRVINE CA 92612-1515 TEL. 949-724-3975	CODE	1XL56	18a. PAYMENT WILL BE MADE BY DFAS-BVFD/DY - F03000 P O BOX 369024 COLUMBUS OH 43218-9024	CODE	F03000
FACILITY CODE					

<input type="checkbox"/> 17b. CHECK IF REMITTANCE IS DIFFERENT AND PUT SUCH ADDRESS IN OFFER	<input type="checkbox"/> 18b. SUBMIT INVOICES TO ADDRESS SHOWN IN BLOCK 18a. UNLESS BLOCK BELOW IS CHECKED <input type="checkbox"/> SEE ADDENDUM
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19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
SEE SCHEDULE					

25. ACCOUNTING AND APPROPRIATION DATA See Schedule	26. TOTAL AWARD AMOUNT (For Govt. Use Only) \$1,056,113.75
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<input type="checkbox"/> 27a. SOLICITATION INCORPORATES BY REFERENCE FAR 52.212-1. 52.212-4. FAR 52.212-3. 52.212-5 ARE ATTACHED.	ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED
<input type="checkbox"/> 27b. CONTRACT/PURCHASE ORDER INCORPORATES BY REFERENCE FAR 52.212-4. FAR 52.212-5 IS ATTACHED.	ADDENDA <input type="checkbox"/> ARE <input type="checkbox"/> ARE NOT ATTACHED

28. CONTRACTOR IS REQUIRED TO SIGN THIS DOCUMENT AND RETURN COPIES <input type="checkbox"/> TO ISSUING OFFICE. CONTRACTOR AGREES TO FURNISH AND DELIVER ALL ITEMS SET FORTH OR OTHERWISE IDENTIFIED ABOVE AND ON ANY ADDITIONAL SHEETS SUBJECT TO THE TERMS AND CONDITIONS SPECIFIED HEREIN.	29. AWARD OF CONTRACT: REFERENCE <input type="checkbox"/> OFFER DATED . YOUR OFFER ON SOLICITATION (BLOCK 5), INCLUDING ANY ADDITIONS OR CHANGES WHICH ARE SET FORTH HEREIN, IS ACCEPTED AS TO ITEMS:
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30a. SIGNATURE OF OFFEROR/CONTRACTOR	31a. UNITED STATES OF AMERICA (SIGNATURE OF CONTRACTING OFFICER) 	31c. DATE SIGNED 18-Mar-2004
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30b. NAME AND TITLE OF SIGNER (TYPE OR PRINT)	30c. DATE SIGNED	31b. NAME OF CONTRACTING OFFICER (TYPE OR PRINT) SENAH N. WILLIAMS / CONTRACTING OFFICER TEL: 661-277-8436 EMAIL: senah.williams@edwards.af.mil
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**SOLICITATION/CONTRACT/ORDER FOR COMMERCIAL ITEMS
(CONTINUED)**

19. ITEM NO.	20. SCHEDULE OF SUPPLIES/ SERVICES	21. QUANTITY	22. UNIT	23. UNIT PRICE	24. AMOUNT
<p>SEE SCHEDULE</p>					

32a. QUANTITY IN COLUMN 21 HAS BEEN
 RECEIVED INSPECTED ACCEPTED, AND CONFORMS TO THE CONTRACT, EXCEPT AS NOTED: _____

32b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32c. DATE	32d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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32e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	32f. TELEPHONE NUMBER OF AUTHORIZED GOVERNMENT REPRESENTATIVE
	32g. E-MAIL OF AUTHORIZED GOVERNMENT REPRESENTATIVE

33. SHIP NUMBER <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	34. VOUCHER NUMBER	35. AMOUNT VERIFIED CORRECT FOR	36. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	37. CHECK NUMBER
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38. S/R ACCOUNT NUMBER	39. S/R VOUCHER NUMBER	40. PAID BY
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41a. I CERTIFY THIS ACCOUNT IS CORRECT AND PROPER FOR PAYMENT	42a. RECEIVED BY <i>(Print)</i>		
41b. SIGNATURE AND TITLE OF CERTIFYING OFFICER	41c. DATE	42b. RECEIVED AT <i>(Location)</i>	
		42c. DATE REC'D <i>(YY/MM/DD)</i>	42d. TOTAL CONTAINERS

Section SF 1449 - CONTINUATION SHEET

TSOW**TECHNICAL STATEMENT OF WORK**

<u>Administrative Data</u>	
Subject / Title	C-17 Enterprise Test Data Management System (ETDMS) Deployment – The Phase II Effort
Requesting Activity	418 th TW/FLTS Global Reach Combined Test Force (GRCTF) / C-17 Systems Program Office (SPO)
Project Manager	Lt. Miguel (Mike) Perez / (661) 277-088 x2913
CLIN	See Below
Task Order Number	C176705
Period of Performance	11 Months ARO
Special Instructions	Phase II execution is contingent on written approval of Major Greer, the Test Director, based on the results of the Phase I effort. The preliminary architecture defined herein is subject to revision and Government approval based on the results of the Phase I requirements definition. Hardware and software are payable upon delivery to the ETDMS integration team (availability to the project). Allow for partial, interim payments for each billing period for the work accomplished in that billing period.
<u>Technical Data</u>	
Background	<p>This TSOW is for Phase 2 (development and implementation) of C-17 ETDMS Support – See TSOW C176598 (Phase I).</p> <p>Objective: Development and integration of a C-17 Enterprise Test Data Management and Archive System (defined as ETDMS herein). The test team envisions an integrated architecture maximizing the Government's investment to date in information management, data processing, and instrumentation resources. The ETDMS architecture and tools must comply with DOD and AFFTC Information Technology (IT) policy and guidelines.</p> <p>Scope: This effort encompasses all classes of information associated with the C-17 Follow-on Flight Test Program (FOFTP), and much of the information from the earlier Full Scale Engineering Development (FSED) program phase.</p> <p>Information elements are categorized as either programmatic information and or test data, where:</p> <ol style="list-style-type: none"> 1) Test Programmatic Information includes Test Plans, Test/Work Requests, and Test Reports; and the supporting documentation such as Class T-2 Aircraft Modification Documentation, Test Parameter Requirements (TPR) documents, and instrumentation configuration load files. 2) Test data is raw and processed flight test data available in engineering unit format. Information from the C-17 aircraft instrumentation suite, Edwards AFB range and other test range resources, and Boeing Long Beach operations. It includes digital, analog, video, and audio source

	data items.
Applicable Documents	<ul style="list-style-type: none"> • C-17 Test Information Management System - STATEMENT OF OBJECTIVES (Major Monty Greer, dated Nov. 2003); • C-17 Test Data Archive – Statement of Work (dated Jan 22, 2004) • DODM 8510.1-M - DITSCAP Application Manual
Technical Requirements	<p>1) Test information Generation and Reporting System (TIGARS): The C-17 Follow-On Flight Test Program (FOFTP) currently employs the TIGARS for test planning support. In Phase I of this project, the Government required quick fixes for this aging FoxPro-based tool to facilitate immediate mission support needs. Phase II will replace the current TIGARS architecture with a product fully integrated with the envisioned Enterprise Test Data Management System (ETDMS). The contractor shall maximize the employment of Commercial-Off-The-Shelf (COTS) products in the conversion of the TIGARS.</p> <p>2) C-17 Test Information Management System (defined as ETDMS): Following finalization of ETDMS requirements and specification from Phase I of this project, and subject to GRCTF C-17 approval to proceed, the C-17 Test Information Management architecture (defined as ETDMS) shall be developed and deployed to satisfy the seven objectives outlined by the C-17 Test Integrated Product Team:</p> <p>Objective 1: Information Exchange. Users will have the ability to exchange, transmit, and receive, programmatic, and test data information elements necessary for mission execution. The capacity and bandwidth of the C-17 Test Information Management System must simultaneously support all end-users using existing Government internet access. The System will facilitate the C-17 test business process in a manner that has been approved by the Government to meet information assurance, and security requirements.</p> <p>Objective 2: Information Access. Within the C-17 Test Information Management System, users will have the ability to access, and retrieve programmatic and test data information for planning and reporting purposes. All information will be in digital format (where practical), accessible from engineering workstations with Government Internet access. Search capability will employ DTIC keyword standards and formats; current and archived information will be accessible using standard Government PC software products (i.e.; MS Office Suite, Adobe, Matlab, etc.). Specialized and tailored products will be available from long-term archives within 24-48 hours; server side processing will be maximized to support data requests within minutes subject to bandwidth restrictions. Server side processing must fully comply with Government Information Technology (IT) security and assurance guidelines as approved by local implementing agencies. Role-based privileges will provide the necessary security and integrity for the system.</p> <p>Operational Availability and Reliability must exceed 95%; backup protocols, locally and nationally backup protocols must be in-place to support downtime periods.</p> <p>Emerging information management concepts, namely "Data Merging" and "Data Mining" are highly desirable attributes if economically achievable within the projected schedule guidelines.</p> <p>Objective 3: Data Storage. Within the C-17 Test Information Management System, both test programmatic information and test data must be accessible within stated timelines therefore the architecture must have the capability to retain information in both an "immediately accessible" state, and an archived state for long term access.</p> <p>Based on C-17 end-state data management policy; the storage capacity must be readily expandable as further data is collected and legacy information is converted to digital format. Data storage devices and interfaces must fully comply with Government Information Technology (IT) security and assurance guidelines as approved by local implementing agencies.</p>

Concerning long term access to archived data, IRIG Standard Chapter 10 is the solid state recorder standard that defines the use of a common set of playback/data reduction software to take advantage of emerging random access recording media. Stated therein, digital data acquisition shall be compatible with the multiplexing of both synchronous and asynchronous digital inputs such as Pulse Code Modulation (PCM) and MIL-STD-1553 data bus, time, analog, video, ARINC 429, discrete and RS-232/422 communication data. The C-17 Test Information Management System seeks to comply, within an acceptable schedule and if proved economically practical, and feasible, with this common format standard.

Objective 4: *Magnetic and Audio/Video Tape Storage Mediums* (see reference document). This objective is not applicable to this TSOW.

Objective 5: *Paper and Still Photo Documentation*. Within the C-17 Test Information Management System, on-demand conversion of C-17 FOFTP and FSED legacy programmatic information and test data to digital format is required. That data must be accessible as described in Objectives 1-3 above. Keyword search files will be created in MS Word and/or Adobe PDF formats with links to the referenced documents using DTIC guidelines. Conversion and storage of all paper products must fully comply with Government Information Technology (IT) security and assurance guidelines as approved by local implementing agencies.

Objective 6: *Standardization of Data Products*. Within the C-17 Test Information Management System, a standard data package will be defined and coordinated with managers and engineers for completeness and quality.

Objective 7: *Instrumentation and Data Processing Support at the Global Reach CTF*. The C-17 Test Information Management System will require integration of many diverse tools, some in use, some being developed.

AFFTC-wide, Commercial and/or Non-developmental item (CaNDI) software products are being purchased and deployed. Two examples of CaNDI products are Telelogics DOORS™ and SYNERGY™ software packages respectively employed to track requirements and configuration management plans and issues. Employment of this class of tools will require integration into C-17 IPT business practices.

The Test Information, Generation, Analysis, and Reporting System (TIGARS) is the C-17 legacy tool used by managers and engineers. The user interface for TIGARS is bulky; improvement of this interface (without disruption to the legacy FoxPro databases) may be possible using CaNDI software and is a primary sub-objective of the ETDMS deployment effort.

3) Data Storage Capability: During ETDMS requirements definition, contractor was directed to provide recommendations for data storage requirements. Subject to GRCTF approval, the contractor shall provide the recommended data storage subsystems.

4) ETDMS User Training: Contractor shall provide on-site training in the use of the ETDMS and ILIAD components for up to forty (40) managers, engineers, programmers, and analysts. Training courses will be tailored to meet user roles and responsibilities.

Training will be conducted at:

- (1) GRCTF (building 1830A – Edwards AFFTC);
- (2) C-17 SPO; and,
- (3) Boeing's Long Beach Facility.

Multiple training courses are required with flexible schedules to ensure all personnel may attend while accommodating schedules for mission requirements

Estimated Project Tasks Summary (Phase 2)

THE FOLLOWING PROJECT DETAIL ESTIMATE INCLUDES EMC COMPANY PROPRIETARY INFORMATION NOT APPROVED FOR NON-GOVERNMENT EMPLOYEE DISRIBUTION / RELEASE.

WBS	Task Description	Duration	Work
0	TSOW C176599 - C-17 ETDMS Deployment	202.5 days?	4,268 hrs
1	Phase 2: ETDMS Implementation	202.5 days?	4,268 hrs
1.1	ETDMS Impl. For Global Reach Combined Test Force (GRCTF) — C-17 Test Team	182 days?	2,916 hrs
1.1.1	ETDMS Assessment Project Plan and Implementation	5 days?	40 hrs
1.1.2	ETDMS Service Delivery Project Plan and Implementation	5 days	40 hrs
1.1.3	ETDMS Portal: Proof-Of-Concept	55 days	824 hrs
1.1.3.1	SPS Area / Site Navigation - customization	1 wk	40 hrs
1.1.3.2	Data Mining Design	1 wk	40 hrs
1.1.3.3	ETDMS Test Data Ingest (Flight / Range)	2 wks	80 hrs
1.1.3.4	LIAD and Legacy Applications Integration	4 wks	160 hrs
1.1.3.5	Business Policy - Data Management	2 wks	80 hrs
1.1.3.6	Business Policy - Process /Workflow (MS Biztalk)	3 wks	120 hrs
1.1.3.7	Resource & Asset Scheduling (MS Project Server)	2 wks	80 hrs
1.1.3.8	NetMeeting (local LAN net meeting)	2 wks	80 hrs
1.1.3.9	Video Streaming	3 days	24 hrs
1.1.3.10	TIGARS Re-integration	5 days	40 hrs
1.1.3.11	LiveLink interface and automated update	2 wks	80 hrs
1.1.4	Security Requirements Compliance	5.5 days	84 hrs
1.1.4.1	Security administration (portal & SQL server only)	3 days	24 hrs
1.1.4.2	Edwards AFFTC - IT Security Policy Implementation	0.5 wks	20 hrs
1.1.4.3	DODM 8510.1-M - DITSCAP	1 wk	40 hrs
1.1.5	ETDMS Operational Readiness Inspection (ORI)	25 days	400 hrs
1.1.5.1	Prepare Prelim System Test Strategy	0.5 wks	40 hrs
1.1.5.2	Define System Mgmt Plans	2.5 days	40 hrs
1.1.5.3	Requirements Traceability	1.25 days	20 hrs
1.1.5.4	Acceptance Criteria & Test Schedule	0.25 wks	20 hrs
1.1.5.5	Operations - System Support Plan	5 days	40 hrs
1.1.5.5.1	BC/DR (e.g., SANCopy (EMC custom data migration services))	1 wk	40 hrs
1.1.5.6	System Functional & Compliance Test	0.5 wks	40 hrs
1.1.5.7	Executive Operations Briefings / Presentations	2.5 days	40 hrs
1.1.5.8	Operations & Support	25 days	200 hrs
1.1.5.8.1	Administrator & User Training	3 wks	120 hrs
1.1.5.8.2	Final Transition Documentation	10 days	80 hrs
1.1.6	(RMA) Records Management Application Compliance	66 days?	1,488 hrs
1.1.6.1	Intelligence Community Portal Registration	5 days	40 hrs
1.1.6.1.1	GILS - Govt. Information Locator Service	5 days	40 hrs
1.1.6.1.1.1	DoD GILS http://sites.defenselink.mil	1 wk	40 hrs
1.1.6.2	5015.2 Compliance	66 days?	1,488 hrs
1.1.6.2.1	Compliance Preparation	60 days	880 hrs
1.1.6.2.1.1	Scope & Section Selection	3 wks	120 hrs
1.1.6.2.1.2	Prototype & demo	3 wks	120 hrs
1.1.6.2.1.3	PRE-TEST TIMETABLE - 10 Weeks	10 wks	400 hrs
1.1.6.2.1.4	Application Forms & Fees	6 wks	240 hrs
1.1.6.2.2	CTE (Compliance Test and Evaluation)	61 days?	488 hrs
1.1.6.2.2.1	Chapter 2 - MANDATORY REQUIREMENTS	6 wks	240 hrs
1.1.6.2.2.2	Chapter 3	1 day?	8 hrs
1.1.6.2.2.3	Chapter 4 MANAGEMENT OF CLASSIFIED RECORDS	6 wks	240 hrs
1.1.6.2.3	COMPLIAHT PRODUCT REGISTERS	5 days	80 hrs
1.1.6.2.3.1	Air Force Materials Command	1 wk	40 hrs
1.1.6.2.3.2	(JITC) Joint Interoperability Test Command	1 wk	40 hrs
1.2	ETDMS Impl. For Global Reach Combined Test Force (GRCTF) — Boeing	182 days?	1,000 hrs

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THE FOLLOWING PROJECT DETAIL ESTIMATE CONTINUATION INCLUDES EMC COMPANY PROPRIETARY INFORMATION NOT APPROVED FOR NON-GOVERNMENT EMPLOYEE DISRIBUTION / RELEASE.

1.2.1	ETDMS Assessment Project Plan and Implementation	5 days?	40 hrs
1.2.2	ETDMS Service Delivery Project Plan and Implementation	5 days	40 hrs
1.2.3	ETFDMS Portal: Proof-Of-Concept	45 days	504 hrs
1.2.3.1	SPS Area / Site Navigation - customization	1 wk	40 hrs
1.2.3.2	Data Mining Design	1 wk	40 hrs
1.2.3.3	ETDMS Test Data Ingest (Flight / Range)	2 wks	80 hrs
1.2.3.4	LIAD and Legacy Applications Integration	2 wks	80 hrs
1.2.3.5	Business Policy - Data Management	2 wks	80 hrs
1.2.3.6	Business Policy - Process /Workflow (MS Biztak)	2 wks	80 hrs
1.2.3.7	Resource & Asset Scheduling (MS Project Server)	1 wk	40 hrs
1.2.3.8	NetMeeting (local LAN net meeting)	1 wk	40 hrs
1.2.3.9	Video Streaming	3 days	24 hrs
1.2.4	Security Requirements Compliance	7 days	56 hrs
1.2.4.1	Security administration (portal & SQL server only)	2 days	16 hrs
1.2.4.2	Boeing - IT Security Policy Implementation	3 days	24 hrs
1.2.4.3	DODM 8510.1-M - DITSCAP	2 days	16 hrs
1.2.5	ETDMS Operational Readiness Inspection (ORI)	45 days	360 hrs
1.2.5.1	Prepare Prelim System Test Strategy	1 wk	40 hrs
1.2.5.2	Define System Mgmt Plans	5 days	40 hrs
1.2.5.3	Requirements Traceability	2.5 days	20 hrs
1.2.5.4	Acceptance Criteria & Test Schedule	0.5 wks	20 hrs
1.2.5.5	Operations - System Support Plan	5 days	40 hrs
1.2.5.5.1	BCDR (e.g., SANCopy (EMC custom data migration services))	1 wk	40 hrs
1.2.5.6	System Functional & Compliance Test	1 wk	40 hrs
1.2.5.7	Executive Operations Briefings / Presentations	5 days	40 hrs
1.2.5.8	Operations & Support	15 days	120 hrs
1.2.5.8.1	Administrator training	2 wks	80 hrs
1.2.5.8.2	Final Transition Documentation	5 days	40 hrs
1.3	ETDMS Implementation — Global Reach Systems Program Office (SPO)	36 days?	352 hrs
1.3.1	ETDMS Assessment Project Plan and Implementation	2 days	16 hrs
1.3.2	ETDMS Service Delivery Project Plan and Implementation	5 days?	40 hrs
1.3.3	ETFDMS Portal: Proof-Of-Concept	19 days	152 hrs
1.3.3.1	SPS Area / Site Navigation - customization	10 days	80 hrs
1.3.3.2	Legacy Applications Integration	0 days	0 hrs
1.3.3.3	Data Mining Design	5 days	40 hrs
1.3.3.4	Business Policy - Data Management	2 days	16 hrs
1.3.3.5	Business Policy - Process /Workflow	2 days	16 hrs
1.3.4	Security Requirements Compliance	2 days?	16 hrs
1.3.4.1	SPO - IT Security Policy Implementation	1 day?	8 hrs
1.3.4.2	DODM 8510.1-M - DITSCAP	1 day?	8 hrs
1.3.5	ETDMS Operational Readiness Inspection (ORI)	15 days?	120 hrs
1.3.5.1	Prepare Prelim System Test Strategy	2 days	16 hrs
1.3.5.2	Define System Mgmt Plans	2 days	16 hrs
1.3.5.3	Requirements Traceability	1 day?	8 hrs
1.3.5.4	Acceptance Criteria & Test Schedule	2 days	16 hrs
1.3.5.5	Operations - System Support Plan	2 days	16 hrs
1.3.5.5.1	BCDR (e.g., SANCopy (EMC custom data migration services))	2 days	16 hrs
1.3.5.6	System Functional & Compliance Test	3 days	24 hrs
1.3.5.7	Executive Operations Briefings / Presentations	1 day?	8 hrs
1.3.5.8	Operations & Support	2 days	24 hrs
1.3.5.8.1	Administrator training	2 days	16 hrs
1.3.5.8.2	Transition Documentation	1 day	8 hrs
2	Phase 4 (Optional): ETDMS Implementation — Ridley - BC.DR Site	0 days	0 hrs
2.1	ETDMS Storage Server Array	0 days	0 hrs
2.2	ETDMS Operational Readiness Inspection (ORI)	0 days	0 hrs
2.3	Acceptance Criteria & Test Schedule	0 days	0 hrs
2.4	Operations - System Support Plan	0 days	0 hrs
2.5	BCDR (e.g., SANCopy (EMC custom data migration services))	0 days	0 hrs
2.6	System Functional & Compliance Test	0 days	0 hrs
2.7	Executive Operations Briefings / Presentations	0 days	0 hrs
2.8	Operations & Support	0 days	0 hrs

Security	Personnel with maximum clearance level of SECRET may be required.
Travel	See Below
Cost Estimate	See below

CLIN #	Part#	Description	QTY	List Price (\$)/Unit	Discount	Discounted (\$)/Unit	Extended Price (\$)
<i>Phase 2 Services</i>							
1	1068D	LEVEL III CONSULTING - C-17 EAFB	2916	175.00	20%	140.00	408,240.00
1	1068D	LEVEL III CONSULTING - Boeing Long Beach	1000	175.00	20%	140.00	140,000.00
1	1068D	LEVEL III CONSULTING - GRCTF-SPO	352	175.00	20%	140.00	49,280.00
<i>Req. Section 3) ETDMS/ILIAD User Training - Included above</i>							
<i>Travel & Expenses (SPO Site Only)</i>							
5	Perdiem 2	Perdiem 2	5	115.00	N/A	115.00	575.00
5	Air Travel 2	Medium Range (SPO Site only)	2	1,000.00	N/A	1,000.00	2,000.00
5	RC2	Rental Car (Weekly)	2	250.00	N/A	250.00	500.00
<i>ETDMS Server Subsystems - C-17 CTF</i>							
2	5763SRVR-DX	SERVER (DUAL XE CPU) W/DISPLAY	2	15,100.00	28%	10,872.00	21,744.00
2	5763HBA-PCI-FC	PCI FIBRE CHANNEL HBA	4	3,100.00	28%	2,232.00	8,928.00
<i>ETDMS Storage Array - C-17 CTF</i>							
2	CX500	CX500 FIBRE CHANNEL W 4GB	1	55,000.00	20%	44,000.00	44,000.00
2	RACK-40U	EMPTY 40U CABINET	1	5,400.00	20%	4,320.00	4,320.00
2	CX-2GDAE	2Gb DAE EXP	1	8,000.00	20%	6,400.00	6,400.00
2	CX-ATA-DAE	CX-SERIES DAE CHASSIS FOR ATA DRIVES	3	16,000.00	20%	12,800.00	38,400.00
2	CX-2G10-146	146GB 10K 520BPS 2GB 12V	6	2,640.00	20%	2,112.00	12,672.00
2	CX-AT05-25	250GB PATA 5400RPM	40	1,500.00	20%	1,200.00	48,000.00
2	CX-PW40U-US	40U RACK POWER CORDS	1	1,500.00	20%	1,200.00	1,200.00
2	FM-LS100MD	100M MM FIBRE CABLE	2	740.00	20%	592.00	1,184.00
2	C-MODEM-US	CLARIION SERVICE MODEM-US	1	-	20%	-	-
4	NAVAGT-WINKIT	NAVI AGENT WINDOWS MEDIA	1	-	15%	-	-
4	MVS500-KIT	CX500 MIRRORVIEW S MEDIA	2	-	15%	-	-
4	NAV-WGKIT	NAVI WORKGROUP MEDIA	1	-	15%	-	-
4	PP-WN-KIT	POWERPATH WINDOWS KIT	1	-	15%	-	-
4	UTIL-WIN	Windows Software Utilities	1	48.00	15%	40.80	40.80
4	NAV500-WG	CX500 NAVI WORKGROUP	1	15,000.00	15%	12,750.00	12,750.00
4	MVS500	CX500 MIRRORVIEW SYNC	1	33,750.00	15%	28,687.50	28,687.50
4	PP-WN-WG	PPATH WINDOWS WGR	1	2,000.00	15%	1,700.00	1,700.00
4	PS-BAS-PP1	POWERPATH 1HOST QS	1	1,900.00	15%	1,615.00	1,615.00
4	PS-BAS-MVW	MIRRORVIEW INSTALL QS	1	2,900.00	15%	2,465.00	2,465.00
4	PS-BAS-4HSME	SME CLARIION SAN 4HOST QS	1	5,060.00	15%	4,301.00	4,301.00
4	CLARSFTPP	PREPAID CLAR SFT PREPAID MAINT	1	5,481.00	15%	4,658.85	4,658.85

CLIN #	Part#	Description	QTY	List Price (\$/Unit)	Discount	Discounted (\$/Unit)	Extended Price (\$)
<i>ETDMS Server Subsystems - C-17 CTF - Boeing</i>							
2	5763SRVR-DX	SERVER (DUAL XE CPU) W/DISPLAY	2	15,100.00	28%	10,872.00	21,744.00
2	5763HBA-PCI-FC	PCI FIBRE CHANNEL HBA	4	3,100.00	28%	2,232.00	8,928.00
<i>ETDMS Storage Array - C-17 Boeing</i>							
2	CX300	CX300 FIBRE CHANNEL 2GB	1	20,000.00	20%	16,000.00	16,000.00
2	RACK-40U	EMPTY 40U CABINET	1	5,400.00	20%	4,320.00	4,320.00
2	CX-2GDAE	2Gb DAE EXP	1	8,000.00	20%	6,400.00	6,400.00
2	CX-ATA-DAE	CX-SERIES DAE CHASSIS FOR ATA DRIVES	1	16,000.00	20%	12,800.00	12,800.00
2	CX-2G10-146	146GB 10K 520BPS 2GB 12V	6	2,640.00	20%	2,112.00	12,672.00
2	CX-PW40U-US	40U RACK POWER CORDS-	1	1,500.00	20%	1,200.00	1,200.00
2	FM-LS10MD	10M MM FIBRE CABLE LC-SC	2	380.00	20%	304.00	608.00
2	C-MODEM-US	CLARIION SERVICE MODEM-US	1	-	20%	-	-
4	NAVAYZ-KIT	NAVI ANALYZER MEDIA	2	-	15%	-	-
4	NAVAGT-WINKIT	NAVI AGENT WINDOWS MEDIA	1	-	15%	-	-
4	NAV-WGKIT	NAVI WORKGROUP MEDIA	1	-	15%	-	-
4	UTIL-WIN	Windows Software Utilities	1	48.00	15%	40.80	40.80
4	NAV300-WG	CX300 NAVI WORKGROUP	1	3,000.00	15%	2,550.00	2,550.00
4	SV300	CX300 SNAPVIEW	1	11,250.00	15%	9,562.50	9,562.50
4	NAVAYZ300	CX300 NAVI ANALYZER	1	4,200.00	15%	3,570.00	3,570.00
4	PP-WN-WG	PPATH WINDOWS WGR	1	2,000.00	15%	1,700.00	1,700.00
4	PS-BAS-SPV	SNAPVIEW INSTALL QS	1	2,790.00	15%	2,371.50	2,371.50
4	CLARSFTPP	PREPAID CLAR SFT PREPAID MAINT	1	2,070.00	15%	1,759.50	1,759.50
4	CLRSW-PPM-PRM	CLR PPMNTSW PRM 7X24 4HR	1	-	15%	-	-
<i>ETDMS Server Subsystems - C-17 SPO</i>							
2	5763SRVR-DX	SERVER (DUAL XE CPU) W/DISPLAY	2	15,100.00	28%	10,872.00	21,744.00
2	5763HBA-PCI-FC	PCI FIBRE CHANNEL HBA	4	3,100.00	28%	2,232.00	8,928.00
<i>ETDMS Storage Array - C-17 SPO</i>							
2	CX300	CX300 FIBRE CHANNEL 2GB	1	20,000.00	20%	16,000.00	16,000.00
2	RACK-40U	EMPTY 40U CABINET	1	5,400.00	20%	4,320.00	4,320.00
2	CX-2GDAE	2Gb DAE EXP	1	8,000.00	20%	6,400.00	6,400.00
2	CX-ATA-DAE	CX-SERIES DAE CHASSIS FOR ATA DRIVES	1	16,000.00	20%	12,800.00	12,800.00
2	CX-2G10-146	146GB 10K 520BPS 2GB 12V	6	2,640.00	20%	2,112.00	12,672.00
2	CX-PW40U-US	40U RACK POWER CORDS-	1	1,500.00	20%	1,200.00	1,200.00
2	FM-LS10MD	10M MM FIBRE CABLE LC-SC	2	380.00	20%	304.00	608.00
2	C-MODEM-US	CLARIION SERVICE MODEM-US	1	-	20%	-	-
4	NAVAYZ-KIT	NAVI ANALYZER MEDIA	2	-	15%	-	-
4	NAVAGT-WINKIT	NAVI AGENT WINDOWS MEDIA	1	-	15%	-	-
4	NAV-WGKIT	NAVI WORKGROUP MEDIA	1	-	15%	-	-
4	UTIL-WIN	Windows Software Utilities	1	48.00	15%	40.80	40.80
4	NAV300-WG	CX300 NAVI WORKGROUP	1	3,000.00	15%	2,550.00	2,550.00

CLIN #	Part#	Description	QTY	List Price (\$)/Unit	Discount	Discounted (\$)/Unit	Extended Price (\$)
4	SV300	CX300 SNAPVIEW	1	11,250.00	15%	9,562.50	9,562.50
4	NAVAYZ300	CX300 NAVI ANALYZER	1	4,200.00	15%	3,570.00	3,570.00
4	PP-WN-WG	PPATH WINDOWS WGR	1	2,000.00	15%	1,700.00	1,700.00
4	PS-BAS-SPV	SNAPVIEW INSTALL QS	1	2,790.00	15%	2,371.50	2,371.50
4	CLARSFTPP	PREPAID CLAR SFT PREPAID MAINT	1	2,070.00	15%	1,759.50	1,759.50
4	CLRSW-PPM-PRM	CLR PPMNTSW PRM 7X24 4HR	1	-	15%	-	-
						Total ETC:	\$1,056,113.75

ETDMS Server Software (Microsoft List Price) – For Government Information Only

Note: All Microsoft Software is planned to be GFE. Any non-Microsoft components (e.g., Correlate K-Maps) will be provided by EMC.

Description	QTY	Cost (\$)/Unit	Extended (\$)
ETDMS Server Software			
Microsoft Server 2003 - standard edition (incl. 5 CALS)	2	\$999.00	\$ 1,998.00
Server 2003 Additional Client Access (5 pack)	4	\$199.00	\$ 796.00
Microsoft SharePoint Portal Server 2003	1	\$3,999.00	\$ 3,999.00
SharePoint Portal Server 2003 Client Access License (CAL)	15	\$71.00	\$ 1,065.00
Microsoft SQL Server 2000 Standard Edition	1	\$4,999.00	\$ 4,999.00
Microsoft Project Server 2003	1	\$1,499.00	\$ 1,499.00
Microsoft BizTalk Server 2004 Beta	1	\$3,999.00	\$ 3,999.00
Correlate K-Maps (WebPart)	1	\$1,000.00	\$ 1,000.00
ETDMS Client Licenses			
Microsoft Office Professional Edition 2003	5	\$499.00	\$ 2,495.00
Microsoft InfoPath 2003	20	\$199.00	\$ 3,980.00
Microsoft Office FrontPage 2003	5	\$199.00	\$ 995.00
Microsoft Office Project Professional 2003	5	\$999.00	\$ 4,995.00
Microsoft Office Visio Professional 2003	5	\$499.00	\$ 2,495.00
K-Maps (Client Component)	20	\$70.00	\$ 1,400.00
Total ETDMS Server Software			\$ 35,715.00

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0001		1	Each	\$597,520.00	\$597,520.00

MAINTENANCE & OPERATIONAL SERVICES

FFP

Contractor shall perform IAW TSOW C176705 (attached) titled C17 Enterprise Test Data Management System (ETDMS) Deployment - The Phase II Effort.

NSN: D307-DG-MNT-SERV

MILSTRIP: F5LMCA40560201

PURCHASE REQUEST NUMBER: F5LMCA40560200

SIGNAL CODE: A

NET AMT	\$597,520.00
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ACRN AA Funded Amount	\$597,520.00
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FOB: Destination

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0002		1	Each	\$356,192.00	\$356,192.00

MAINTENANCE & OPERATIONAL SUPPLIES

FFP

Contractor shall perform IAW TSOW C176705 (attached) titled C17 Enterprise Test Data Management System (ETDMS) Deployment - The Phase II Effort.

NSN: 7050-DG-MNT-SUPP

MILSTRIP: F5LMCA40560202

PURCHASE REQUEST NUMBER: F5LMCA40560200

SIGNAL CODE: A

	NET AMT	\$356,192.00
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ACRN AA Funded Amount

\$356,192.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0004		1	Each	\$99,326.75	\$99,326.75

DOCUMENTATION & LICENSES

FFP

Contractor shall perform IAW TSOW C176705 (attached) titled C17 Enterprise Test Data Management System (ETDMS) Deployment - The Phase II Effort.

NSN: 7050-DG-DOC-LICE

MILSTRIP: F5LMCA40560203

PURCHASE REQUEST NUMBER: F5LMCA40560200

SIGNAL CODE: A

	NET AMT	\$99,326.75
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ACRN AA Funded Amount

\$99,326.75

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0005		1	Each	\$3,075.00	\$3,075.00

TRAVEL & PER DIEM
FFP

Contractor shall perform IAW TSOW C176705 (attached) titled C17 Enterprise Test Data Management System (ETDMS) Deployment - The Phase II Effort.

NSN: D307-DG-TRV-LODG
MILSTRIP: F5LMCA40560204
PURCHASE REQUEST NUMBER: F5LMCA40560200
SIGNAL CODE: A

NET AMT	\$3,075.00
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ACRN AA Funded Amount

\$3,075.00

FOB: Destination

INSPECTION AND ACCEPTANCE TERMS

Supplies/services will be inspected/accepted at:

CLIN	INSPECT AT	INSPECT BY	ACCEPT AT	ACCEPT BY
0001	Destination	Government	Destination	Government
0002	Destination	Government	Destination	Government
0004	Destination	Government	Destination	Government
0005	Destination	Government	Destination	Government

DELIVERY INFORMATION

CLIN	DELIVERY DATE	QUANTITY	SHIP TO ADDRESS	UIC
0001	17-FEB-2005	1	412 TW/TSTM ATTN MH UNIT - F5LMCA D. WATSON 307 E POPSON BLDG 1400 RM 413 EDWARDS AFB CA 93524-6630 (661) 525-4349 FOB: Destination	F5LMCA
0002	17-FEB-2005	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	F5LMCA

0004	17-FEB-2005	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	F5LMCA
0005	17-FEB-2005	1	(SAME AS PREVIOUS LOCATION) FOB: Destination	F5LMCA

ACCOUNTING AND APPROPRIATION DATA

AA: 5743600 294 4712 696997 7T6500 59200 000000 503000 F03000
AMOUNT: \$1,056,113.75

CLIN	JOB ORDER	FUNDS EXP. DATE	FUNDED QTY	FUNDED AMT
0001	2686DA00			