

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-99-D-0002	2. DELIVERY ORDER/ CALL NO. 0038	3. DATE OF ORDER/CALL 2002 Apr 17	4. REQ./ PURCH. REQUEST NO. Y2-2-301B4Y2-01	5. PRIORITY
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6. ISSUED BY US ARMY SPACE AND MISSILE DEFENSE COMMAN P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W31RPD	7. ADMINISTERED BY DCM BIRMINGHAM BURGER PHILLIPS CENTER 1910 THIRD AVE., NORTH, RM. 201 BIRMINGHAM AL 35203-2376	CODE S0101A	8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)
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9. CONTRACTOR CAS INC PO BOX 11190 HUNTSVILLE AL 35814	CODE 4S077	FACILITY	10. DELIVER TO FOB POINT BY (Date) SEE SCHEDULE	11. MARK IF BUSINESS IS <input type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
			12. DISCOUNT TERMS	
13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15				

14. SHIP TO SEE SCHEDULE	CODE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	CODE HQ0338	MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.
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16. TYPE OF ORDER	DELIVERY/ CALL	<input checked="" type="checkbox"/>	This delivery order/call is issued on another Govt. agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE		Reference your quote dated Furnish the following on terms specified herein. REF:

ACCEPTANCE. THE CONTRACTOR HEREBY ACCEPTS THE OFFER REPRESENTED BY THE NUMBERED PURCHASE ORDER AS IT MAY PREVIOUSLY HAVE BEEN OR IS NOW MODIFIED, SUBJECT TO ALL OF THE TERMS AND CONDITIONS SET FORTH, AND AGREES TO PERFORM THE SAME.

NAME OF CONTRACTOR	SIGNATURE	TYPED NAME AND TITLE	DATE SIGNED (YYYYMMDD)
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If this box is marked, supplier must sign Acceptance and return the following number of copies:

17. ACCOUNTING AND APPROPRIATION DATA/ LOCAL USE
See Schedule

18. ITEM NO.	19. SCHEDULE OF SUPPLIES/ SERVICES	20. QUANTITY ORDERED/ ACCEPTED*	21. UNIT	22. UNIT PRICE	23. AMOUNT
	SEE SCHEDULE				

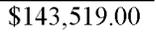
<i>* If quantity accepted by the Government is same as quantity ordered, indicate by X. If different, enter actual quantity accepted below quantity ordered and encircle.</i>	24. UNITED STATES OF AMERICA	25. TOTAL \$1,449,911.00
	BY: _____	29. DIFFERENCES

26. QUANTITY IN COLUMN 20 HAS BEEN <input type="checkbox"/> INSPECTED <input type="checkbox"/> RECEIVED <input type="checkbox"/> ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	27. SHIP NO.	28. DO VOUCHER NO.	30. INITIALS	33. AMOUNT VERIFIED CORRECT FOR
36. I certify this account is correct and proper for payment. DATE _____ SIGNATURE AND TITLE OF CERTIFYING OFFICER _____	31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		32. PAID BY	34. CHECK NUMBER
				35. BILL OF LADING NO.

37. RECEIVED AT	38. RECEIVED BY	39. DATE RECEIVED (YYYYMMDD)	40. TOTAL CONTAINERS	41. S/R ACCOUNT NO.	42. S/R VOUCHER NO.
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SECTION B Supplies or Services and Prices

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0010	Option II - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11 incorporated herein and attached as set forth in Part III, Section J, hereof.				
				MAX COST	\$0.00
				BASE FEE	\$0.00
				SUBTOTAL MAX COST + BASE	\$0.00
				MAX AWARD FEE	\$0.00
				TOTAL MAX COST + FEE	\$0.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0010AB	Option II - Statement of Work SW-TC-S-36-97 CPAF - Statement of Work SW-TC-S-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except paragraphs 4.7, 4.9.1, 4.10.1 and 4.11 incorporated herein and attached as set forth in Part III, Section J, hereof. PURCHASE REQUEST NUMBER Y2-2-301B4Y2-01				
				MAX COST	
				BASE FEE	
				SUBTOTAL MAX COST + BASE	\$143,519.00
				MAX AWARD FEE	\$10,879.00
				TOTAL MAX COST + FEE	\$154,398.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
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0011

Option II - Hardware/Software Parts and Maint(Mat)

CPAF - Hardware/Software Parts and Maintenance (Materials), in accordance with SOW SW-TC-S-36-97, titled "Missile Defense Data Center," dated 9 Sep 98, except paragraphs 4.9.1 and 4.10.1 incorporated herein as set forth in Part III, Section J, hereof.

	MAX COST		
	BASE FEE	_____	[REDACTED]
	SUBTOTAL MAX COST + BASE		\$20,000.00
	MAX AWARD FEE		\$0.00
	TOTAL MAX COST + FEE		\$20,000.00

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
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0014

Option III-Statement of Work SW-TC-S-36-97

CPAF - Statement of Work (SOW) SW-TC-36-97, titled "Missile Defense Data Center", dated 9 Sep 98, except 4.9, 4.911, 4.10 and 4.10., incorporated herein and attached as set forth in Part III, Section J, hereof.

PURCHASE REQUEST NUMBER Y2-2-301B4Y2-01

	MAX COST		
	BASE FEE	_____	[REDACTED]
	SUBTOTAL MAX COST + BASE		\$1,187,442.00
	MAX AWARD FEE		\$88,071.00
	TOTAL MAX COST + FEE		\$1,275,513.00

SECTION C Descriptions and Specifications

The purpose of this effort is for System Test and Evaluation (T&E) Data Management. The contractor shall perform work as specified on the attached Statement of Work (SOW) and per SOW SW-TC-S-36-97 titled "Missile Defense Data Center," dated 9 September 1998.

Required deliverables are: *004 Funds and Man-Hour Expenditures Report monthly, *005 Progress and Status Report monthly, and *00F Scientific/Technical Report Summaries as required.

Missile Defense Data Center (MDDC) Support for National Missile Defense Joint Program Office (NMD JPO) System Test and Evaluation (T & E) Data Management

The NMD JPO System T & E Office is the Data Manager for all NMD Integrated Flight Test (IFT) and Integrated Ground Test (IGT), Risk Reduction, and OSC flight data. The MDDC serves as the central repository for the NMD JPO data products. The following is a detailed list of the MDDC's responsibilities to the Data Manager:

1. The MDDC has the overall responsibility for configuration management of the NMD mission data products.
2. The MDDC will distribute pre-mission and post-mission data products upon receipt as specified in the NMD IFT and IGT Data Management Plans (DMPs).
3. Upon receipt of NMD JPO data products, the MDDC will catalogue the data in an online database, verify the data for integrity, convert the data to the specified media format for distribution, analyze the data when required, and enter the data into the data storage system.
4. The MDDC will perform primary data distribution to the organizations that have been pre-approved in the DMP by the NMD Data Manager.
5. The MDDC will provide data products on the media and in the formats specified in the DMP.
6. The MDDC will receive User Data Requests from other Government Agencies and their contractors and subcontractors, verify their facility and personnel security clearances and need-to-know. The MDDC shall coordinate with the Data Manager for approval to produce and make secondary data distribution to these other Government Agencies or their contractors.
7. The MDDC shall produce and distribute NMD data products (Level 0 – Level 3) in custom data sets and formats on CD, 4mm or 8mm tape, VHS or SVHS video tapes, diskettes, etc. in the format desired by the requestor, after approval by the Data Manager. This effort shall include but not be limited to the following:
 - Digitize analog telemetric data into a form that can easily be stored on a variety of digital media. This can involve digitizing legacy data currently stored on analog tapes to increase the life of the media.
 - Provide consulting services concerning the content, integrity and interpretation of telemetry data.
 - Provide a center for resources concerning telemetric techniques and the application of those techniques.
 - Provide a center for information about specific telemetric data from specific programs.
 - Provide for visualization of extracted telemetric data for the purpose of verification, comparisons and the creation of presentations.

8. The MDDC shall provide subject matter expertise to advise and support data users in accessing (locating), retrieving, analyzing and visualizing the data in the MDDC that are potentially pertinent to the user's mission or objective. This support includes, but will not be limited to:

- Advise users on existing data and as to the status of data in the MDDC.
- Advise users as to the potential applicability of data and documents in the MDDC for their particular mission.
- Support and advise users with data analysis, reduction, and visualization in the MDDC.
- Participate in the NMD Working Groups.
- Modify or develop, and test computer, network, telemetry, and video hardware that is suitable for accepting, analyzing, copying, digitizing, storing, retrieving, processing, displaying, printing, and exchanging data and documents in the MDDC.

9. Contractor Competition Sensitive Data SHALL NOT be transmitted to individuals (Government or Contractors) unless they have: a) executed the proper non-disclosure statements, and b) received proper approval from the NMD JPO and the NMD Data Manager.

10. For post-mission efforts, the MDDC will provide the NMD Data Manager a weekly status of all data received by and transmitted from the MDDC.

11. The MDDC will archive all NMD data products for long-term storage. A backup copy will be made on long term media for off-site storage in case of natural or man-made disaster. The Data Manager will approve or disapprove of the off-site storage location.

TRAVEL COSTS: Travel costs not to exceed \$35,000 included in CLIN 0014 Labor costs.

PERIOD OF PERFORMANCE: 17 April 2002 through 16 April 2003.

TECHNICAL MONITOR: [REDACTED]

SECTION G Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

ACRN: AA 9720400.2501 2BM-NMD1 40603882C00.3012.85-255Y Y22241B4Y2
Y22301B4Y2/2Y2301/Y2
AMOUNT: \$125,000.00

Y2-2-301B4Y2-01