

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0014	2. DELIVERY ORDER/ CALL NO. 008901	3. DATE OF ORDER/CALL (YYYYMMDD) 2005 May 31	4. REQ./ PURCH. REQUEST NO. MIPR5FSMDC004B-01	5. PRIORITY DX-A2
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6. ISSUED BY US ARMY SPACE & MISSILE DEFENSE COMMAND 256-955-3003 P.O. BOX 1500 HUNTSVILLE AL 35807-3801	CODE W9113M	7. ADMINISTERED BY (if other than 6) DCMA HUNTSVILLE BUILDING 4505, SUITE 301 MARTIN ROAD REDSTONE ARSENAL AL 35898-0001	CODE S0107A	8. DELIVERY FOB <input checked="" type="checkbox"/> DESTINATION <input type="checkbox"/> OTHER (See Schedule if other)
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9. CONTRACTOR DYNETICS, CAS & DAVIDSON, LLC P.O. BOX 5523 HUNTSVILLE AL 35814-5523 NAME AND ADDRESS	CODE 1VDA4	FACILITY	10. DELIVER TO FOB POINT BY (Date) (YYYYMMDD) SEE SCHEDULE	11. MARK IF BUSINESS IS <input checked="" 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 Government agency or in accordance with and subject to terms and conditions of above numbered contract.
	PURCHASE	<input type="checkbox"/>	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)
<input type="checkbox"/> 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					

* 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.	24. UNITED STATES OF AMERICA		25. TOTAL \$130,000.00
			26. DIFFERENCES

27a. QUANTITY IN COLUMN 20 HAS BEEN
 INSPECTED RECEIVED ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

b. SIGNATURE OF AUTHORIZED GOVERNMENT REPRESENTATIVE	c. DATE (YYYYMMDD)	d. PRINTED NAME AND TITLE OF AUTHORIZED GOVERNMENT REPRESENTATIVE
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e. MAILING ADDRESS OF AUTHORIZED GOVERNMENT REPRESENTATIVE	28. SHIP NO.	29. DO VOUCHER NO.	30. INITIALS
f. TELEPHONE NUMBER	g. E-MAIL ADDRESS		32. PAID BY <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL

36. I certify this account is correct and proper for payment.

a. DATE (YYYYMMDD)	b. SIGNATURE AND TITLE OF CERTIFYING OFFICER
31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	

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
0001	SETAC - FP Labor COST	█	Lot	UNDEFINED	UNDEFINED
	Provide services outlined in the scope of work (SOW), as defined in a given task order (T/O), at the fixed prices/government labor category specified in Section B paragraph entitled, "GOVERNMENT LABOR CATEGORIES AND ASSOCIATED FIXED PRICES PER DPPH"				
	PURCHASE REQUEST NUMBER: MIPR5FSMDC004B-01				
				MAX COST	\$120,000.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0003	Consultants COST	█	Lot	UNDEFINED	UNDEFINED
	Provide services outlined in the scope of work (SOW) at the cost reimbursable amounts as approved on a task-order-by-task-order basis. Total Fee, including prime and subcontractor/consultant, shall not exceed 3% of the estimated costs.				
	PURCHASE REQUEST NUMBER: MIPR5FSMDC004B-01				
				MAX COST	\$0.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0004	Materials and STE COST Provide materials, special test equipment (STE), and associated services outlined in the individual task orders at the cost reimbursable amounts as approved by the T/OM and the Contracting Officer. NO FEE ON THIS CLIN. PURCHASE REQUEST NUMBER: MIPR5FSMDC004B-01	█	Lot	UNDEFINED	UNDEFINED
				MAX COST	\$0.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0005	Travel COST Travel as directed in the individual task orders. Travel must be completed within the cost reimbursable amounts allowed per the Joint Travel Regulations and the DCAA-approved Company-Implemented Policy and Procedures. NO FEE ON THIS CLIN. PURCHASE REQUEST NUMBER: MIPR5FSMDC004B-01	█	Lot	UNDEFINED	UNDEFINED
				MAX COST	\$10,000.00

FOB: Destination

BLOCK 17/BLOCK 18 CONTINUED
BLOCK 17 (DD1155) CONTINUED:

TASK ORDER FUNDS REQUIRED	\$ 130,000
TASK ORDER FUNDS AVAILABLE	\$ 130,000
UNFUNDED BALANCE	\$ 0

ACRN AA: O&M Funding – Expiration of \$130,000: 30 May 2006. However, ACRN AA funds must be expended by 31 March 2006 unless the period of performance of this task order is extended by the Government to 30 May 2006.

BLOCK 18 (DD1155) CONTINUED: In the performance of this Task Order (T/O), the contractor shall provide the total Direct Productive Person Hours (DPPHs), plus or minus 10 percent, as stated for Fixed-Price Labor below.

These DPPHs shall be billed at the fixed price stated in Section B-1, LINE ITEM DESCRIPTION, of the contract listed in Block 1 of the DD Form 1155. The contractor shall not exceed the DPPHs, nor the total dollars, stated for SME below. The contractor is allowed to provide up to 10 percent less than the DPPHs stated for SME and still expend the total dollars as stated in the T/O. Furthermore, under no circumstance shall the contractor exceed the dollars stated for Materials, Travel, or Total T/O.

LABOR CATEGORIES: Labor categories are as listed in the contract, Section B, paragraph entitled "GOVERNMENT LABOR CATEGORIES AND ASSOCIATED FIXED PRICES PER DPPH"

FIXED-PRICE LABOR TOTAL	██████	DPPHs	██████████
SME TOTAL	0	DPPHs	\$ 0
T/O TOTAL LABOR	██████	DPPHs	██████████
MATERIAL		NTE	\$ 0
TRAVEL		NTE	\$ 10,000
T/O TOTAL			\$ 130,000

Section C - Descriptions and Specifications

STATEMENT OF WORK

Space Server High Level Architecture Interface Module

1.0 Objective

The objective of this effort is to develop, integrate, and demonstrate a High Level Architecture (HLA) interface module for the Space and Missile Defense Future Warfare Center's Space Server for use in two HLA federations.

2.0 Scope

The scope of this effort includes:

2.1 Develop the Space Server HLA distributed simulation interface module (DSIM).

2.2 Integrate the Space Server with COMPOSER and OneSAF using HLA.

2.3 Upgrade the Space Based Radar module to include HLA time management services and Space Server attribute updates.

2.4 Integrate Space Server with AWARS and SBR using HLA.

3.0 Background

There is a need to interface the Space Server using HLA to support Army experimentation and analysis of future Army space tactics, techniques, and procedures. The proposed Space Server HLA DSIM should operate in a federation with the OneSAF Objective System (OOS) and the Communications Electronics Research Development and Engineering Center's (CERDEC) Communications Planner for Operational and Simulation Effects with Realism (COMPOSER) Communications Effects Simulator (CES) Suite. The Space Server HLA DSIM should operate in a federation with the Space Based Radar (SBR) module and the Advanced Warfighting Simulation (AWARS).

4.0 Tasks/Technical Requirements

The contractor shall accomplish the following:

4.1 Space Server HLA DSIM Development: determine and create the HLA capabilities necessary to provide Space Server functionality in two HLA environments: a Space Server – COMPOSER CES Suite – OOS federation and a Space Server – SBR module – AWARS federation.

4.2 SBR HLA Upgrade: modify the SBR module with the necessary capabilities to support HLA time management and interoperability with the Space Server.

4.3 HLA DSIM Integration Test #1: Integrate the Space Server HLA DSIM with the COMPOSER CES Suite and OOS to validate the specified interoperability objectives of the federation.

4.4 Demonstration #1: provide technical and systems engineering support during the development, installation and execution of the Space Server – COMPOSER CES SUITE – OOS federation at the COMPOSER development site to demonstrate the utility of the federation for use in Army experiments.

4.5 HLA DSIM Integration Test #2: Integrate the Space Server HLA DSIM with the SBR module and AWARS to validate the specified interoperability objectives of the federation.

4.6 Demonstration #2: provide technical and systems engineering support during the development, installation and execution of the Space Server – SBR module – AWARS federation at the SMDFWC’s T/CELL to demonstrate the utility of the federation for use in Army experiments.

4.7 Documentation: for both federation activities specified above, create and maintain a separate federation development and execution plan to specify the objectives, design approach, and execution strategy to implement the respective federation. The final Federation Object Model (FOM) defined for each federation instance will be included as part of the respective plan.

The SBR Software Design Specification will be updated to reflect the new HLA functionality and interoperability. Similarly, the Space Server Requirements, Design, and Test documentation will be updated to reflect the HLA DSIM development and integration.

PERIOD OF PERFORMANCE

PERIOD OF PERFORMANCE: 31 May 05 – 31 MAR 06

KEY PERSONNEL

DELIVERABLES

DELIVERABLES:

Item/Title	CDRL#	# Copies	Delivery Date
Task Order Management Plan	A001	1 *	Per CDRL
Status Report	A002	1 *	Monthly
FMER	A003	1 *	Per CDRL
Interim Technical Report	A004	1	As Required
Final Technical Report	A005	1 *	31 MAR 06
Conference Minutes	A006	1	Per CDRL
Data Accession List	A007	1	Per CDRL

* Plus Electronic Version.

** One (1) hardcopy to the T/OM, and one (1) hardcopy to the SMDC Command Library ([REDACTED])

TRAVEL

ESTIMATED TRAVEL: Except for the locations listed below, the contractor has no authority to incur travel costs without explicit written approval (email acceptable) of the Task Order Monitor. Under no circumstance shall the contractor incur travel costs in excess of the NTE amount stated herein.

Orlando, FL Cherry Hill, NJ Ft. Monmouth, NJ

NTE: \$10,000

MATERIALS

ESTIMATED COST FOR MATERIALS AND/OR SPECIAL TEST EQUIPMENT: The contractor has no authority to incur material costs without the explicit written approval of the contracting officer. Prior to forwarding requests to the contracting officer, the contractor shall obtain the Task Order Monitor's concurrence. Electronic Mail (email) shall be utilized for both steps in this process. Under no circumstance shall the contractor incur materials costs in excess of the NTE amount stated herein. NTE: \$0

SPECIAL INSTRUCTIONS

SPECIAL INSTRUCTIONS:

ACRN AA: O&M Funding – Expiration of \$130,000: 30 May 2006. However, ACRN AA funds must be expended by 31 March 2006 unless the period of performance of this task order is extended by the Government to 30 May 2006.

Cost data shall be segregated/reported/vouchered/paid at the ACRN level.

The "Limitation of Funds" is applicable at the ACRN level.

The effort described in the Task Order Statement of Work that is anticipated to be performed in FY02 and FY03 is subject to the Clause at FAR 52.232-18, Availability of Funds.

All of the terms and conditions of the contract listed in Block 1 above are applicable to this T/O.

All of the provisions and clauses of the contract listed in Block 1 above are applicable to this T/O.

No Government Furnished Property or Test Facilities are available for use in performance of this Task Order.

It is incumbent upon the contractor and/or subcontractor to ensure that appropriate Technical Assistance Agreements (TAAs) and/or applicable export licenses are in place before conducting any activity under the SOW that requires such approval and documentation.

DISTRIBUTION

TASK ORDER MONITOR: [REDACTED]

MAILING ADDRESS: USASMDC, ATTN: [REDACTED], PO BOX 1500, Huntsville, AL 35807.

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 2152020022-2010000000435612.000000 2512 MIPR5FSMDC004 APC:CSMS S23185 MDEP:MS4D
AMOUNT: \$130,000.00