

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0014	2. DELIVERY ORDER/ CALL NO. 001014	3. DATE OF ORDER/CALL 2002 Apr 24	4. REQ./ PURCH. REQUEST NO. ER2D731600-01	5. PRIORITY DX-A2	
6. ISSUED BY US ARMY SPACE & MISSILE DEFENSE COMMAND PO BOX 1500 HUNTSVILLE AL 35807-3801		7. ADMINISTERED BY DCMA HUNTSVILLE BUILDING 4505, SUITE 301 MARTIN ROAD REDSTONE ARSENAL AL 35898-0001			

9. CONTRACTOR DYNETICS, CAS & DAVIDSON, LLC P.O. BOX 5523 HUNTSVILLE AL 35814-5523	10. DELIVER TO FOB POINT BY (Date) SEE SCHEDULE	11. MARK IF BUSINESS IS <input checked="" type="checkbox"/> SMALL <input type="checkbox"/> SMALL DISADVANTAGED <input type="checkbox"/> WOMEN-OWNED
13. MAIL INVOICES TO THE ADDRESS IN BLOCK See Item 15		

14. SHIP TO SEE SCHEDULE	15. PAYMENT WILL BE MADE BY DFAS-COLUMBUS CENTER DFAS-CO/SOUTH ENTITLEMENT OPERATION P.O. BOX 182264 COLUMBUS OH 43218-2264	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)
<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 \$3,015,000.00
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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	27. SHIP NO.	28. DO VOUCHER NO.	29. DIFFERENCES	30. INITIALS
DATE _____ SIGNATURE OF AUTHORIZED GOVT. REP. _____	<input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	32. PAID BY	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	34. CHECK NUMBER	35. BILL OF LADING NO.
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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	1	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: ER2D731600-01				
				MAX COST	\$2,945,000.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0003	Consultants COST	1	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. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor.				
	PURCHASE REQUEST NUMBER: ER2D731600-01				
				MAX COST	\$0.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0004		1	Lot	UNDEFINED	UNDEFINED

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. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor.

PURCHASE REQUEST NUMBER: ER2D731600-01

MAX COST

\$0.00

FOB: Destination

ITEM NO	SUPPLIES/SERVICES	MAX QUANTITY	UNIT	UNIT PRICE	MAX AMOUNT
0005		1	Lot	UNDEFINED	UNDEFINED

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. This CLIN is valid during the three-year base period as well as any/all award term extensions earned by the contractor.

PURCHASE REQUEST NUMBER: ER2D731600-01

MAX COST

\$70,000.00

FOB: Destination

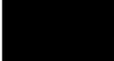
BLOCK 17/BLOCK 18 CONTINUED

TASK ORDER FUNDS REQUIRED	\$ 3,015,000
TASK ORDER FUNDS AVAILABLE	\$ 1,647,500
UNFUNDED BALANCE	\$ 1,367,500

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 categories stated in Section B of the contract listed in Block 1 of the DD Form 1155. These DPPHs shall be billed

at the fixed price stated in Exhibit V of the contract. The contractor shall not exceed the DPPHs, nor the total dollars, stated for consultant below. The contractor is allowed to provide up to 10 percent less than the DPPHs stated for consultant 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"

	DPPHs ORDERED	NTE AMOUNT
FIXED-PRICE LABOR TOTAL	 DPPHs	\$2,945,000
*CONSULTANT TOTAL	 DPPHs	\$ 0
T/O TOTAL LABOR	 DPPHs	\$2,945,000
MATERIAL	NTE	\$ 0
TRAVEL	NTE	\$ 70,000
T/O TOTAL		\$3,015,000

* Consultant requirements must have prior written approval of the Administrative Contracting Officer (ACO) (via subcontract consent package) before any costs are incurred under the consultant CLIN.

Section C - Descriptions and Specifications

A SOW

“JLENS RADAR SYTEMS ANALYSIS”

1.0 Systems Engineering Design Evaluation - The contractor shall provide technical analysis of the prime contractor hardware and software designs and specification compliance. This shall include requirements tracing and test verification activities. The contractor shall develop recommendations for Government positions on any identified issues associated with the prime contractor’s developments. Prime contractor risk reduction activities shall also be evaluated to assist the program office in ensuring that program technical risk is being effectively managed.

2.0 Modeling and Simulation Support

2.1 The contractor shall provide an end-to-end simulation of the baseline prime contractor concept using the JLENS System Analysis Tool (JSAT). JSAT shall include all significant error sources that arise within the system and through external interfaces to weapon systems. The U.S. Army PAC-3 interceptor, the U.S. Army Surface Launched AMRAAM (SLAMRAAM) interceptor, and other interceptors shall be modeled based on data provided by the JLENS Project Office and other credible data sources.

2.2 The contractor shall support the design and development of program specific algorithms, especially in the area of platform resource management. This shall include independent test and evaluation of algorithms developed by the prime contractor.

2.3 The contractor shall support intra-Army initiatives to address integration of the JLENS system with existing and emerging components of the air defense architecture. The support shall include assessment of the performance of architectures that include the JLENS system. The contractor shall use Modeling and Simulation (M&S) tools in the course of conducting the assessment. The contractor shall also participate in working groups associated with the Army Airspace Integration (AIP) activity to coordinate development and presentation of architecture assessments.

3.0 Test and Evaluation Support

3.1 The contractor shall incorporate test and evaluation requirements into JSAT. The contractor shall review the JLENS Test and Evaluation Master Plan (TEMP) to ascertain modeling and simulation requirements. JSAT shall be suitable for system test planning and predictive analyses. The contractor shall provide input to test data collection and assist in data reduction.

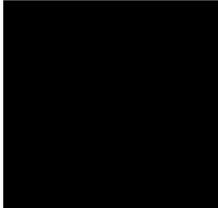
3.2 The contractor shall participate in analysis of prime contractor system integration laboratory (SIL) plans to ensure that algorithm testing can be effectively achieved in that environment. The contractor shall perform technical assessment, analysis and evaluations resulting from JLENS testing (system level or subsystem level).

4.0 Support for Milestone B - The contractor shall prepare JSAT for use as a decision tool in support of Milestone B. The JSAT simulation shall be developed to support a JLENS milestone decision, which includes simulation, documentation development, participate in verification and validation activities, and generation of critical milestone decision information.

5.0 Participation in Working Groups - The contractor shall participate in project office working groups, technical interchange meetings, design reviews, and IPTs, as applicable, to ensure that analyses performed in paragraphs 1.0 through 4.0 are communicated effectively and that inputs to these analyses are obtained in a timely manner. At these meetings, the contractor shall prepare inputs and presentations that update technical status and provide issues and recommendations.

B POP

24 Apr 02- 23 Apr 07

C KEY PERSD DELIVERABLES

Item/Title	CDRL#	# Copies	Delivery Date
Task Order Management Plan	A001	1 *	Per CDRL
FMER	A003	1 *	Per CDRL
Interim Technical Report	A004	1	As Required
JSAT Source Code	A004	1	Annually
Final Technical Report	A005	1*	23 Apr 07
Data Accession List	A007	1	Per CDRL

* Plus Electronic Version.

E TRL

Except for the locations listed below, the contractor has no authority to incur travel costs without explicit prior written approval (email acceptable) of the Task Order Monitor. The contractor is not authorized to travel outside the United States without the explicit written approval (email acceptable) of the Contracting Officer. Under no circumstance shall the contractor incur travel costs in excess of the NTE amount stated herein. NTE: \$70,000

Bedford, MA

Washington, DC

F MATLS

ESTIMATED COST FOR MATERIALS AND/OR SPECIAL TEST EQUIPMENT: The contractor has no authority to incur material costs without the explicit prior 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

G SPEC INST

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, which is anticipated to be performed in FY04 through FY07, 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.

The following Government Furnished Property or Test Facilities are available for use in performance of this Task Order:

JLENS Modeling and Simulation Facility

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 which requires such approval and documentation.

Effort completed under this T/O requires access to Special Compartmental Information (SCI) data. SCI access is allowable in accordance with the DD Form 254, Contract Security Classification Specification, incorporated into the contract under which this T/O is executed. Certain contractor personnel must possess TOP SECRET/Sensitive Compartmental Information (SCI) Clearance access and/or be eligible for immediate adjudication by the cognizant security authority. It is incumbent upon the contractor to obtain appropriate approval for individual SCI billets from the SCI monitor listed in the DD254.

Performance of this T/O will also require access to Special Access Program (SAP) Information. Corrected Revision "9" to the DD Form 254, 18 Jul 03, is hereby incorporated (0010-08) and is applicable to this T/O only. A copy of this document may be obtained by contacting the individual identified in Block 6 of this SF 30.

H DIST

INTELLIGENCE AND SECURITY DIVISION DISTRIBUTION:

[REDACTED]

[REDACTED]

[REDACTED]

TASK ORDER MONITOR: [REDACTED]

MAILING ADDRESS: [REDACTED]

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 2112040 36-9318 P643308.990-2514 DR1C762600 S01021 DR1C762600/1HHLCD/H
COST 000000000000
CODE:
AMOUNT: \$20,000.00

AB: 2122040 36-9318 P643308.990-2514 DR2C771200 S01021 DR2C771200/2HHLCT/H
COST 000000000000
CODE:
AMOUNT: \$80,000.00

AC: 212 2040 5Q 5Q17 P172419E55 2512 ER2D731600 S01021 ER2D731600/24KJLE/4K0000
COST 000000000000
CODE:
AMOUNT: \$240,000.00

AD: 97 2 0400.2501 5Q-5Q07 96000000000.1326 255Y S01021 24N326/4N2261104N/4N0000
COST 000000000000
CODE:
AMOUNT: \$25,000.00

AE: 213 2040 5Q 5Q17 P172419E55 255Y ER3D730900 S01021 ER3D730900/34KJLE/4K0000
AMOUNT: \$300,000.00

AF: 97 3 0400.2501 5Q-5Q07 64330899A.ASIAP 255Y S01021 34N001/4N3SAI104N/4N0000
AMOUNT: \$50,000.00

AG: 97 3 0400.2501 5Q-5Q07 96000000000.1575 255Y S01021 34N575/4N3575154N/4N0000
AMOUNT: \$30,000.00

AH: 214 2040 5Q 5Q17 P172419E55 255Y ER4D730700 S01021 ER4D730700/44KJLE/4K0000
AMOUNT: \$340,000.00

AJ: 214-2040 46N 6N7H P622307 255X 4R41C2//R4-4-C0201-RV-00//R4000 S01021 PRON: W31P4Q4R4C201B
AMOUNT: \$12,500.00

AK: 214 2040 5Q 5Q17 P172419E55 255Y ER4D731900 S01021 ER4D731900/44KJLE/4K0000
AMOUNT: \$100,000.00

AL: 21 4 2040.0000 5Q-5Q07 643327832.ASENG 255X S01021 44N005/4N41JS164N/4N0000 PRON: 4N41JS164NB
AMOUNT: \$150,000.00

AM: 215 2040 5Q 5Q17 P172419E55 255Y ER5D730700 S01021 ER5D730700/54KJLE/4K0000
AMOUNT: \$300,000.00