

ORDER FOR SUPPLIES OR SERVICES

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0009	2. DELIVERY ORDER/ CALL NO. 001311	3. DATE OF ORDER/CALL 2002 Apr 24	4. REQ./ PURCH. REQUEST NO. DR2C730500-01	5. PRIORITY DX-A2
6. ISSUED BY US ARMY SPACE & MISSILE DEFENSE COMMAND ██████████ P.O. BOX 1500 HUNTSVILLE AL 35807-3801		7. ADMINISTERED BY DCMA HUNTSVILLE BUILDING 4505, SUITE 301 MARTIN ROAD REDSTONE ARSENAL AL 35898-0001		8. DELIVERY FOB <input checked="" type="checkbox"/> DEST <input type="checkbox"/> OTHER (See Schedule if other)

9. CONTRACTOR BAE SYSTEMS ANALYTICAL SOLUTIONS INC 1525 PERIMETER PKW, STE 500 HUNTSVILLE AL 35806	CODE 0JLS6	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)
<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 \$635,287.00
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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	34. CHECK NUMBER

36. I certify this account is correct and proper for payment.		31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL	35. BILL OF LADING NO.
DATE _____	SIGNATURE AND TITLE OF CERTIFYING OFFICER _____		

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: DR2C730500-01				
				MAX COST	\$557,769.00

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: DR2C730500-01				
				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: DR2C730500-01

MAX COST

\$100.00

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: DR2C730500-01

MAX COST

\$77,418.00

FOB: Destination

BLOCK 17/BLOCK 18 CONTINUED

BLOCK 17 (DD1155) CONTINUED:

TASK ORDER FUNDS REQUIRED \$635,287

TASK ORDER FUNDS AVAILABLE \$635,287

UNFUNDED BALANCE \$ 0

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	\$557,769
*CONSULTANT TOTAL	 DPPHs	\$ 0
T/O TOTAL LABOR	 DPPHs	\$557,769
MATERIAL	NTE	\$ 100
TRAVEL	NTE	\$ 77,418
T/O TOTAL		\$635,287

**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

STATEMENT OF WORK

STATEMENT OF WORK "Israeli Test Bed"

1.0 Requirements

1.1 The contractor shall provide all personnel, supplies, materials, equipment, engineering, technical and analytical support to the USASMDL Testbed Product Office, ITB, to perform the tasks delineated below.

1.2 The contractor shall perform these activities at his facilities in Huntsville, Alabama, at USASMDC, Huntsville, Alabama and at the Advanced Research Center, Huntsville, Alabama.

2.0 Subtasks

2.1 (Subtask 1) CONOP/CSOP Development, Interoperability, and Quick Response Support - The contractor shall assist the USASMDC ITB Product Office in developing the role of ITB as an asset to be used by EUCOM by providing definition of ITB activities that are relevant to the EUCOM development of the interoperability doctrine, CONOP and CSOP. This includes development of goals for the next ITB/PAC exercise, and includes defining ITB runs that will support the upcoming exercises. The contractor shall provide definition of ITB activities to support other relevant U.S. interoperability studies, including Navy Upper or Lower Tier; AEGIS interoperability as a sensor only; and THAAD interoperability, as required. The contractor shall analyze existing ITB models and provide definition of ITB enhancements or data base requirements to support the above activities. The contractor shall develop goals for ITB interoperability experiments, as required. In addition, the contractor shall analyze the ITB configuration to new experiment goals as derived above, as well as for other planned ITB interoperability experiments. The contractor shall review and critique the detailed procedures developed for the planned ITB interoperability experiments, and shall develop new or alternate procedures for the experiments, as required. The contractor shall support the execution of such experiments, as required; shall perform independent analysis of the results; and shall independently derive "lessons learned" from these experiments. The contractor shall provide quick response to the USASMDC ITB Product Office by accelerating elements of the above tasks, as required. The contractor shall provide briefing materials related to the above tasks, as required.

2.2 (Subtask 2) ITB Review - The contractor shall review the ITB modifications and enhancements to ensure that the ITB will:

2.2.1 accurately represent the AWS capabilities and operation;

2.2.2 represent potential U.S. systems to a degree required to meet the objectives of the experiment set;

2.2.3 adequately represent the interoperability mechanism developed through the Arrow Deployability Program (ADP) and the Arrow System Improvement Program (ASIP); and

2.2.4 adequately meet the goals and objectives of the user community which includes the Israeli Air Force (IAF), Israeli Ministry of Defense (IMOD), APO, and the U.S. TMD community.

The contractor shall further ensure the ITB documentation meets U.S. standards.

2.3 (Subtask 3) Experiment Definition and Analysis - The contractor shall support definition of future ITB experiments and analyze the ITB experiment plan and detailed procedures to determine that the experiment plan provides for meaningful and timely results. The contractor shall also review the experiment procedures to ensure they adequately reflect the objectives of the experiment. This review shall include the models used; the connectivity between systems; the data transferred; the transfer mode (voice or auto); The Rules of Engagement; and operator actions. The contractor shall review the experiment results and ensure there is a consensus or that

points of departure are clearly recognized; augment the Israeli analysis; and review and integrate U.S. results in a DIS experiment that might be U.S.- only information.

2.4 (Subtask 4) Experiment Support - The contractor shall provide support to users within the US community. This support includes:

2.4.1 providing training and continuous support to users within the U.S. community;

2.4.2 acting as the liaison between users and the software developer to resolve software and exercise configuration issues;

2.4.3 translating user needs into software requirements;

2.4.4 participation in In-Process Reviews and Technical Interchange Meetings to stay abreast of ITB enhancements and activities;

2.4.5 providing demonstrations to potential users within the TMD community.

2.5 (Subtask 5) ITB System Analysis and Support - The contractor shall review and analyze ITB enhancement, translation, and development plans and materials and provide expert analysis of alternatives, progress, and risk assessment. This support includes:

2.5.1 reviewing ITB preliminary and detailed designs for enhancement and maintenance;

2.5.2 analyzing existing ITB code and other materials using automated and manual systems to assess their robustness and accuracy;

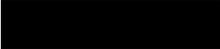
2.5.3 suggesting alternate designs and methods to maintain and enhance ITB;

2.5.4 preparing and presenting alternative software designs, methodologies and schema to the ITB development and user community;

2.5.5 providing experienced software developers in unique or specialized tools to assist the ITB developer in using and exploiting these tools

PERIOD OF PERFORMANCE

PERIOD OF PERFORMANCE: 24 Apr 2002 – 30 Dec 2004

KEY PERSONNELKEY 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 *	30 Dec 04
Conference Minutes	A006	1	Per CDRL
Data Accession List	A007	1	Per CDRL

* Plus Electronic Version.

TRAVEL

ESTIMATED TRAVEL: The contractor has no authority to incur travel costs without explicit 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: \$77,418

MATERIALS

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: \$100

SPECIAL INSTRUCTIONS

SPECIAL INSTRUCTIONS:

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 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.

The following Government Furnished Property or Test Facilities are available for use in performance of this Task Order: The Israeli Test Bed, located at the Advanced Research Center, Huntsville, Alabama.

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.

The following contract clauses are applicable to this task order: FAR 52.228-3, Worker's Compensation Insurance (Defense Base Act); FAR 52.228-4, workers Compensation and War Hazard Insurance Overseas; DFARS 252.228-7000, Reimbursement for War Hazard Losses; DFARS 252.228-7003, Capture and Detention; DFARS 252.225-7043, Antiterrorism/Force Protection Policy for Defense Contractors Outside the United States; DFARS 252.209-7001, Disclosure of Ownership or Control by the Government of a Terrorist Country; and Section H clauses entitled "Contingency/War Clause" and "Services Furnished by the Government."

DISTRIBUTION

TASK ORDER MONITOR: [REDACTED]

MAILING ADDRESS: [REDACTED]

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 972 0400.2501 36-6011 P0603881C00-2514 DR2C730500 S01021 DR2C730500/2HHC01/H
COST 000000000000
CODE:
AMOUNT: \$165,287.00

AB: 973 0400.2501 36-6011 P0603881C00-2514 DR3C740500 S01021 DR3C740500/3HHC02/H
COST 000000000000
CODE:
AMOUNT: \$240,000.00

AC: 974 0400.2501 36-6011 P0603881C00-2514 DR4C740500 S01021 DR4C740500/4HHC02/H
AMOUNT: \$230,000.00