

**ORDER FOR SUPPLIES OR SERVICES**

1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. DASG60-02-D-0009	2. DELIVERY ORDER/ CALL NO. 008902	3. DATE OF ORDER/CALL 2003 Jul 07	4. REQ./ PURCH. REQUEST NO. N4142103MP00042	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) <b>SEE SCHEDULE</b>	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  <b>SEE SCHEDULE</b>	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	<b>MARK ALL PACKAGES AND PAPERS WITH IDENTIFICATION NUMBERS IN BLOCKS 1 AND 2.</b>
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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	<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
	<b>SEE SCHEDULE</b>				

* 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 \$380,000.00
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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.			31. PAYMENT <input type="checkbox"/> COMPLETE <input type="checkbox"/> PARTIAL <input type="checkbox"/> FINAL		34. CHECK NUMBER
DATE _____	SIGNATURE AND TITLE OF CERTIFYING OFFICER _____				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
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: N4142103MP00042				
				MAX COST	\$356,990.00

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: N4142103MP00042				
				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: N4142103MP00042

MAX COST

\$250.00

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: N4142103MP00042

MAX COST

\$22,760.00

FOB: Destination

BLOCK 17/BLOCK 18 CONTINUED

ACRN: AA (O&M Navy Funding)

FUNDED AMOUNT: \$ 190,000

EXPIRATION OF FUNDS: 6 JULY 04 (However, ACRN AA funding must be expended by 1 JUNE 04 unless the Period of Performance of this Task Order is extended by the Government).

ACRN: AB

FUNDED AMOUNT: \$0 (SEE SPECIAL INSTRUCTIONS)

ACRN: AC (O&M Navy Funding)

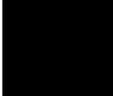
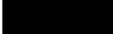
FUNDED AMOUNT: \$ 190,000

EXPIRATION OF FUNDS: 20 JAN 05 (However, ACRN AC funding must be expended by 1 JUNE 04 unless the Period of Performance of this Task Order is extended by the Government).

TASK ORDER FUNDS REQUIRED	\$ 380,000
TASK ORDER FUNDS AVAILABLE	\$ 380,000
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	\$ 356,990
*CONSULTANT TOTAL	 DPPHs	\$ 0
T/O TOTAL LABOR	 DPPHs	\$ 356,990
MATERIAL	NTE	\$ 250
TRAVEL	NTE	\$ 22,760
T/O TOTAL		\$ 380,000

\*\*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

“Cost Analysis in Support of Navy Cost Analysis Division, Acquisition Category (ACAT) IC Missile System Independent Cost Estimate (ICE)” Statement of Work

1.0 Scope: The contractor shall perform independent cost estimates using the Department of Defense (DoD) Commercial-Off-The-Shelf (COTS) Electronics Model PACER (Performance Activated COTS Electronics Relationships). This cost model is currently being used by the United States Army (USA) Space and Missile Defense Command (SMDC), Navy Cost Analysis Division, (previously Naval Center for Cost Analysis (NCCA)), and other DoD Space and Missile Systems Agencies to estimate various electronic assemblies in support of major milestone decisions for Army, Navy, and other agency Acquisition Category (ACAT) Independent Cost Estimates (ICE). The contractor shall further support, maintain, and enhance the DoD COTS Electronics Model PACER to include model augmentation and user interface improvements which will be made available to USA SMDC Government personnel.

2.0 The contractor shall provided knowledgeable staff to run the DoD COTS PACER Electronic model given technical and performance characteristics of the various circuit cards that are being estimated. For all programs, support Navy Cost Analysis Division efforts by obtaining, processing, and analyzing the missile systems technical, programmatic, and cost data. Navy Cost Analysis Division may require more extensive knowledge of the missiles technical and performance input parameters to ensure that such inputs are within the range of technical feasibility. Further assessments of environmental requirements such as vibration, shock, and temperature requirements may be necessary to ensure that electronic assemblies for a specific application are suited for that application. It is anticipated that lessons learned, technical information gained, and enhancements to the model will be beneficial to other missile systems requirements, regardless of service.

3.0 The contractor shall examine the costs of material handling, G&A, and fee as well as any other charges that are levied on electronics assemblies procured by major defense contractors from contractors who specialize in board and/or module fabrication.

4.0 The contractor will improve the user interface features of the model (as required) and develop a capability to estimate and save estimate outputs across a range of quantities allowing for “what if” analysis to be performed on various scenarios. Further, the contractor will develop the interfaces to allow a user to input data on several cards thereby allowing for an estimate to be collapsed up to a next higher assembly such as at a box level.

5.0 The contractor shall provide a generic version of the model to the SMDC Command Analysis Division for future use on related Army Space and Missile Systems.

### B POP

7 Jul 03 – 1 June 04

### C KEY PERS

### D DELIVERABLES

Item/Title	CDRL#	# Copies	Delivery Date
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Task Order Management Plan	A001	1 *	Per CDRL
Status Report	A002	1	Quarterly
FMER	A003	1 *	Per CDRL
Status Briefings	A004	1	As Required
Updated User Interface Modules	A004	1	30 Dec 03
Final Technical Report	A005	3 */**	1 June 04
Quarterly Transmittal Listing	A007	1	Per CDRL

ADDITIONAL DELIVERABLES REQUIRED FOR O&MA FUNDING ARE AS FOLLOWS:

ACRN AA	A005	3 */**	1 June 04
ACRN AB			DELETED
ACRN AC	A005	3 */**	1 June 04

\* Plus Electronic Version.

\*\* One (1) hardcopy to the T/OM, and one (1) hardcopy to the SMDC Command Library (SMDC-IM-PL); and one (1) hardcopy to SMDC-RD-C

E TVL

The contractor has no authority to incur travel costs without explicit prior 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. NTE: \$ 22,760

F MTRL

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: \$250

G SPEC INST

ACRN AA: EXPIRATION OF FUNDS: 6 JUL 04 (However, ACRN AA funding must be expended by 1 JUNE 04 unless the Period of Performance of this Task Order is extended by the Government). ACRN AA funds are to be accounted for separately and shall not be mingled with any other ACRN within this task order.

ACRN AB: TOTAL FUNDING WAS REMOVED FROM ACRN AB DUE TO AN ERROR IN THE ACCOUNTING CLASSIFICATION. ACRN AC IS PROVIDED TO CORRECT THIS ERROR AND PROVIDE THE FUNDING REMOVED FROM ACRN AB.

ACRN AC: EXPIRATION OF FUNDS: 20 JAN 05 (However, ACRN AA funding must be expended by 1 JUNE 04 unless the Period of Performance of this Task Order is extended by the Government). ACRN AC funds are to be accounted for separately and shall not be mingled with any other ACRN within this task order. Furthermore, IAW the delivery schedule specified above, the contractor shall delineate in the final report the effort completed utilizing ACRN AA and the effort completed utilizing ACRN AC. ACRN AA funding shall be expended prior to expending ACRN AC funding.

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 anticipated to be performed in FY03 and FY04, 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 which requires such approval and documentation.

H DIST

TASK ORDER MONITOR: [REDACTED]

MAILING ADDRESS: [REDACTED]

Section G - Contract Administration Data

ACCOUNTING AND APPROPRIATION DATA

AA: 1731804 12TA 252 41421 068892 2D P00042 41421302598Q  
AMOUNT: \$190,000.00

AB: 1741804 12TA 253 41421 068892 2D P000023 41421302598Q  
AMOUNT: \$0.00

AC: 1741804 12TA 253 41421 068892 2D P00023 41421402521Q N4142104MP00023  
AMOUNT: \$190,000.00