# ORDER FOR SUPPLIES OR SERVICES



| 1. CONTRACT/PURCH. ORDER/ AGREEMENT NO. | 2. DELIVERY ORDER/ CALL NO. | 3. DATE OF ORDER/CALL | 4. REQ./ PURCH. REQUEST NO. | 5. PRIORITY |
|---|---|---|---|---|
| DASG60-02-D-0014 | 002717 | 2002 May 23 | KN2C107400-01 | DX-A2 |

**6. ISSUED BY** CODE W9113M
US ARMY SPACE & MISSILE DEFENSE COMMAND
[redacted]
P.O. BOX 1500
HUNTSVILLE AL 35807-3801

**7. ADMINISTERED BY** CODE S0107A
DCMA HUNTSVILLE
BUILDING 4505, SUITE 301
MARTIN ROAD
REDSTONE ARSENAL AL 35898-0001

**8. DELIVERY FOB**
[X] DEST
[ ] OTHER
(See Schedule if other)

**9. CONTRACTOR** CODE 1VDA4 FACILITY
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**
[X] SMALL
[ ] SMALL DISADVANTAGED
[ ] WOMEN-OWNED

**12. DISCOUNT TERMS**

**13. MAIL INVOICES TO THE ADDRESS IN BLOCK**
See Item 15

**14. SHIP TO** CODE
SEE SCHEDULE

**15. PAYMENT WILL BE MADE BY** CODE HQ0338
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.**

| 16. TYPE OF ORDER | | | |
|---|---|---|---|
| | DELIVERY/ CALL | X | 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<br>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 (YYYYMMMDD)

[ ] 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
[redacted]
CONTRACTING / ORDERING OFFICER

25. TOTAL $456,420.00
29. DIFFERENCES

26. QUANTITY IN COLUMN 20 HAS BEEN
[ ] INSPECTED [ ] RECEIVED [ ] ACCEPTED, AND CONFORMS TO THE CONTRACT EXCEPT AS NOTED

DATE | SIGNATURE OF AUTHORIZED GOVT. REP.

27. SHIP NO.
[ ] PARTIAL
[ ] FINAL

28. DO VOUCHER NO.

30. INITIALS

32. PAID BY

33. AMOUNT VERIFIED CORRECT FOR

31. PAYMENT
[ ] COMPLETE
[ ] PARTIAL
[ ] FINAL

34. CHECK NUMBER

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

DATE | SIGNATURE AND TITLE OF CERTIFYING OFFICER

35. BILL OF LADING NO.

| 37. RECEIVED AT | 38. RECEIVED BY | 39. DATE RECEIVED (YYYYMMMDD) | 40. TOTAL CONTAINERS | 41. S/R ACCOUNT NO. | 42. S/R VOUCHER NO. |
|---|---|---|---|---|---|
| | | | | | |

Section B - Supplies or Services and Prices

| ITEM NO | SUPPLIES/SERVICES | MAX QUANTITY | UNIT | UNIT PRICE | MAX AMOUNT |
|---|---|---|---|---|---|
| 0001 | | 1 | Lot | UNDEFINED | UNDEFINED |

SETAC - FP Labor

COST

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: KN2C107400-01

MAX COST $414,066.00

FOB: Destination

| ITEM NO | SUPPLIES/SERVICES | MAX QUANTITY | UNIT | UNIT PRICE | MAX AMOUNT |
|---|---|---|---|---|---|
| 0003 | | 1 | Lot | UNDEFINED | UNDEFINED |

Consultants

COST

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: KN2C107400-01

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: KN2C107400-01

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: KN2C107400-01

MAX COST $42,354.00

FOB: Destination

BLOCK 17/BLOCK18 CONTINUED

| | |
|---|---|
| TASK ORDER FUNDS REQUIRED | $456,420 |
| TASK ORDER FUNDS AVAILABLE | $456,420 |
| 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 | [redacted] | DPPHs | $414,066 |
| *CONSULTANT TOTAL | [redacted] | DPPHs | $ 0 |
| T/0 TOTAL LABOR | [redacted] | DPPHs | $414,066 |
| MATERIAL | NTE | | $ 0 |
| TRAVEL | NTE | | $ 42,354 |
| T/O TOTAL | | | $456,420 |

**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 STATEMENT OF WORK

**Subtask 1 - Total Defender**

1.0 The subcontractor shall provide all labor, material, technical assistance and services in support of Space and Missile Defense Command Battle Lab (SMDBL). These tasks shall be performed as directed by the government.

1.1 Total Defender Program-the subcontractor shall provide technical support to develop Total Defender experimentation. This includes developing programmatics, schedules, technical issues, supporting plans for modeling and simulation, analysis and other issues relative to experimentation.

1.2 Global Integrated Air and Missile Defense Support – The subcontractor shall provide technical support, analysis and system modeling support for the development of the Total Defender experiment series. The subcontractor shall provide formal and informal written and verbal reports of experiment/analysis objectives and results. The subcontractor shall provide analytical support, to include issue identification and options for resolution.

1.3 Integration of Total Defender Issues: The subcontractor shall provide technical support for description, coordination and integration of issues derived from Total Defender experiments into relevant DoD organizations and activities to include, but not be limited to : the Quadrennial Defense Review (QDR), Army Transformation, SMDC Strategic Plan, Missile Defense TTP and doctrine, Missile Defense BMC4I, JTAMDO Architecture and Master Plan, HW/SW and material development.

1.4 Total Defender Experiment Documentation: The subcontractor shall provide systems engineering, technical evaluations, and system analysis support of Total Defender experiments to include after action reports. This includes analysis of each experiment issue and documenting strategic and operational issues for staffing at HQDA and DoD level.

1.5 Tactical and Technical Expertise-provide technical expertise in the four pillars of TAMD for Total Defender experiments. This includes developing the force structure, doctrine, TTP for Field Artillery, Aviation, Air Defense and BMC4I framework for each experiment. Provide expert advice on future capabilities and employment options.

**Subtask 2 – JTAMD Exercise**

2.0 The contractor will participate in the planning, execution, data collection, and analysis efforts in the support of the JTAMDO hosted FY03 NIMBLE FIRE and NIMBLE TITAN operator-in-the-loop (OITL) exercises being conducted at the Virtual Warfare Center (VWC), St. Louis, MO, and the Joint National Integration Center (JNIC), Colorado Springs, CO, respectively. The focus of this task is five fold.

2.1 First, the contractor will assist in the development and implementation of a simulation based joint service combat identification systems effects engine (SEE) capable of varying the accuracy of the evolving combat identification process envisioned in the evolving 2010 JTAMD process. Successful design and implementation will require detailed analysis, integration, interface and coordination at the operational and engineering level with emerging Army and Joint Service advanced concept programs such as PATRIOT, JLENS, EAADS, SLAMRAAM, USN E2C, USAF F15, and USAF Fixed Wing Surveillance and Fire Control Platforms.

2.2 Second, the contractor will participate in the planning and execution phase of all VWC related Integrated Missile Defense (IMD) exercises being conducted at the JNIC in FY03.

2.3 Third, the contractor will serve as Coordination Lead for Army participation in all FY03 NIMBLE FIRE and NIMBLE TITAN OITL Exercise events. Successful mission completion requires detailed coordination with all Army participants, i.e., SMDC Battle Lab; PEO-AMD; JLENS Project Office; PATRIOT Project Office; SHORAD

Project Office; THAAD Project Office; Directorate of Combat Developments, USAADASCH; and HQDA DAPR-FDE.

2.4 Fourth, the contractor shall provide SMDC-BL pre-briefs before each significant OITL event; post OITL event after action summaries; and monthly task reports throughout the task period of performance.

2.5 Fifth, the contractor shall provide SMDC-BL additional AMD/Space studies and analysis support as directed by the Task Order Monitor.

**Subtask 3 – EADSIM USSTRATCOM Support**

3.0 The contractor will provide insights and input pertaining to the Patriot System and it's current representation in the Extended Air Defense Simulation (EADSIM) during a series of Element review meetings sponsored by the Missile Defense Agency and United States Strategic Command (USSTRATCOM) and conducted at USSTRATCOM at Offutt AFB, NE. Detailed analysis in preparation and attendance may be necessary in support of these meetings.

B PERIOD OF PERFORMANCE

23 May 2002 – 23 April 2007

C KEY PERSONNEL

[redacted]

D DELIVERABLES

| Item/Title | CDRL# | # Copies | Delivery Date |
|---|---|---|---|
| Task Order Management Plan | A001 | 1 * | Per CDRL |
| Status Report | A002 | 1 | As Required |
| FMER | A003 | 1 * | Per CDRL |
| Interim Technical Report | A004 | 1 | As Required |
| Final Technical Report | A005 | 1 * | 23 April 2007 |
| Conference Minutes | A006 | 1 | Per CDRL |
| Data Accession List | A007 | 1 | Per CDRL |

* Plus Electronic Version.

E 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 circumstances shall the contractor incur travel costs in excess of the NTE amount stated herein. NTE: $42,354

F 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: $0

G SPECIAL INSTRUCTIONS

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

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

Subtask 1 will be performed utilizing the line of accounting for ACRN AA.
Subtask 2 will be performed utilizing the line of accounting for ACRN AB, ACRN AE and ACRN AH.
Subtask 3 will be performed utilizing the line of accounting for ACRN AF.

The effort described in the Task Order Statement of Work, which is anticipated to be performed in FY02, 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.

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

a. Advanced Research Facility (including the Synthetic Battlefield Center)
   Spatial Weapons Systems Analysis Facility
   Joint National Integration Center
   NMD User Lab

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. Revision 8 to the DD Form 254, 2003 06 18, is provided herein and is applicable to this T/O only. The following paragraphs of this Task Order Statement of Work will require access to SAP classified data:

a. Paragraph 2.0

b. Paragraph 2.1

c. Paragraph 2.2

d. Paragraph 2.3

e. Paragraph 2.4

H DISTRIBUTION

TASK ORDER MONITOR: [redacted]

ALTERNATE TASK ORDER MONITOR: [redacted]

ALTERNATE TASK ORDER MONITOR, SUBTASK 2: [redacted]

PROGRAM MANAGEMENT POC: [redacted]

MAILING ADDRESS: [redacted]

INTELLIGENCE AND SECURITY DIVISION DISTRIBUTION:

[redacted]

DSS REPRESENTATIVE POC: [redacted]
MAILING ADDRESS: [redacted]

Section G - Contract Administration Data

## ACCOUNTING AND APPROPRIATION DATA

AA: 212 2040 36 9218 P643308.997 2514 KN2C10740000 S01021 KN2C107400/2HHLAB/H
COST CODE: 000000000000
AMOUNT: $75,000.00

AB: 2132040 36 9218 P643305.TR5 2514 DR3C103200 S01021 DR3C103200/3HHLAB/H
COST CODE: 000000000000
AMOUNT: $163,279.00

AC: 213 2040 36 9218 P643305.TR5 255Y DR3C103800 S01021 DR3C103800/3HHLAB/H
AMOUNT: $0.00

AD: AA 9730400 25FF YL3474X 106110 000000 59215 63880C 503000 P03000 FSR: 090066 PSR: 774783 DSR: 125766
AMOUNT: $2,141.00

AE: 2142040 36 9218 P643305.TR5 2514 DR4C103100 S01021 DR4C103100/4HHLAB/H
AMOUNT: $120,000.00

AF: 2142040 36 9218 P643305.TR5 2514 DR4C103300 S01021 DR4C103300/4HHLAB/H
AMOUNT: $4,000.00

AG: 974 0400 1202 184 JT01 606051 65126J 600008 59233 NMIPR049207125 525700
AMOUNT: $32,000.00

AH: 214 2040 36 9318 P633304215 255Y DR4R283100 S01021 DR4R283100/4HHR83/H
AMOUNT: $60,000.00