

**STATEMENT OF OBJECTIVES (SOO)  
UMBRELLA CONTRACTOR LOGISTICS SUPPORT (CLS) FOR  
BIOLOGICAL DETECTION SYSTEMS (BDS)**

31 Dec 2003

**PURPOSE:**

The Product Manager for Biological Defense (PM BD) has a requirement for Contractor Logistic Support (CLS) Services to provide operation, maintenance and supply support for the fielded Joint (Army, Navy, Marine Corps, Air Force, and other Government organizations) Biological Detection System (BDS) equipment. The BDS equipment includes: Joint Portal Shield Detection Systems; Non-Developmental Item (NDI) Biological Integrated Detection System (BIDS) - M31; Long Range Biological Standoff Detection System (LR-BSDS); Pre-Planned Product Improved (P3I) BIDS - M31A1; Joint Biological Point Detection System (JBPDS) BIDS - M31E2, East Coast Excursion (ECE) - XM97, Joint Service Installation Pilot Project (JSIPP) – XM97, Stryker Vehicle – XM97, Nuclear, Biological, Chemical Reconnaissance System (NBCRS) – XM97, Man Portable - XM96, Shipboard - XM98, Trailer mounted - XM103; and Joint Biological Stand-off Detection System (JBSDS) – XM104, (See solicitation attachment BDS System Descriptions). The contractor shall provide all equipment, except as specified as Government-Furnished Equipment/Government-Furnished Material (GFE/GFM) or Government Furnished Facilities (See solicitation attachment – Listing of GFE/GFM/GFP/GFF). Locations of BDS equipment are contained in solicitation attachments Unit/Site Equipment Information and Matrix of Systems.

**BACKGROUND:**

Contractor Logistic Support for the M31 began in 1995 and was contracted under the Director of Logistics (DOL) at Ft. McClellan. In 1998, the M31A1 was fielded and also was maintained under the DOL CLS contract. DOL provided CLS support until Sep 99.

On 1 Oct 99, Brown and Root, under LOGJAMSS Contract DAKF11-99-D-0006, provided CLS services for the M31 and M31A1 through Jul 01.

On 1 Aug 01, Logistics Engineering and Environmental Support Services, Inc. (LESCO) was awarded the M31 and M31A1 CLS contract under Full & Open Competition on LOGJAMSS Contract DAKF11-99-D-0014. LESCO also supports the M31E2 that were fielded in 2003. LESCO currently provides CLS services to the following Active Army Chemical Companies: 7<sup>th</sup>, 13<sup>th</sup>, and 310<sup>th</sup> and 375<sup>th</sup> USAR Chemical Companies located in ether CONUS and OCONUS sites.

On 3 Feb 99, Camber Corp. was awarded sole source contract DAMD17-99-D-0003 to operate and perform CLS services for the Portal Shield Detection System. Camber will continue to support the Portal Shield through 30 Sep 04, when the current option expires.

### **SCOPE:**

Mission essential performance requirements for Contractor Logistics Support (CLS) services for all BDS equipment are as following:

- Provide operation, maintenance, and supply support for the BDS equipment to maintain an Operational Readiness Rate (ORR) of 90% for the Bio Suite or system.
- Maintain a Mean Time to Repair (MTTR) for the system not to exceed five (5) days.
- Maintain a turn-around time of 30-days for all system component repairs.
- Maintain sufficient quantities of consumables and repair parts to fill all requests, i.e. FTXs (Field Training Exercises), PMCS, etc., and provide for surge requirements.
- Provide required CLS support, to include contractor personnel, spare parts, materials and equipment, for units being deployed, both planned and as a result of declared contingencies. The contractor shall be prepared to deploy with the unit.

### **PERIOD OF PERFORMANCE**

Estimated contract award date is 30 Jun 04. A phase-in period for the incoming contractor will occur from award date to 31 Dec 04. The transition period for the Portal Shield, JSIPP, and ECE is anticipated to occur from 1 Jul to 30 Sep 04, and the transition period for the BIDS systems is anticipated to occur from 1 Oct to 31 Dec 04.

Contract performance for the Portal Shield, JSIPP, and ECE will commence 1 Oct 04, and for all other systems will commence 1 Jan 05. The contract will include 10 one year performance periods to begin 1 Jan 05 and continuing thru 31 Dec 2014. The performance locations are contained in solicitation attachments Unit/Site Equipment Information, Matrix of Systems, and Portal Shield Sites/Number of Sensors.

### **PROGRAM OBJECTIVES**

1. **Management Plan:** The Contractor shall prepare a Management Plan to establish, maintain and execute the following objectives:

- a. Establish System/site support procedures to clearly indicate how the mission essential performance requirements and deployment support will be achieved at each supported site.
- b. Implement lessons learned to improve the support of the units/ installation and to reduce CLS costs.
- c. Provide real time reporting of required documentation to include but not be limited to: all maintenance actions, supply actions, equipment status, personnel status, costs, program status, and contract performance measures, such as through a secure internet web based system.
- d. Effectively manage BDS support personnel to include employees' documentation (security clearances, passports, medical records, deployment readiness requirements), technical qualifications, BDS training requirements, etc. This shall include the consolidation of support personnel to maintain the unit effectiveness and to minimize cost.
- e. Establish a Quality Plan to assure the quality of the operation, maintenance and supply support being performed by the contractor's personnel, quality of supply and services being received from any and all subcontractors, and address the contractor's approach to controlling the quality of and qualifying repair parts and sources (Reference ISO 9001).
- f. Establish a Safety Plan to minimize any injuries to personnel.
- g. Facilitate a smooth transition of phasing-in or phasing-out operations (i.e. systems or new contractor) of all BDS systems.
- h. Establish a procedure for measuring and ensuring customer satisfaction, and to remedy unsatisfactory conditions.
- i. Establish a Property Control Plan that provides for accountability, maintainability and to prevent destruction, damage, loss or theft of all Government Property/Materials & Supplies (Reference FAR part 45).
- j. Develop and implement a responsive management organizational structure for this effort.
- k. Develop a Quality Assurance Surveillance Plan specifying all work requiring Government surveillance and the method of surveillance and monitoring of this work.
- l. Develop a Performance Based Work Statement implementing all requirements contained in this SOO that the contractor will follow during performance of the contract.

2. **Maintenance Plan:** The Contractor shall establish, maintain and execute a maintenance plan to achieve the following objectives:

- a. Efficient support of all required maintenance actions for on site operations and training, off site training exercises, and deployments at all supported sites to meet or exceed the mission essential performance requirements .
- b. Perform system upgrades to incorporate and improve technology.
- c. Phase-in and phase-out of maintenance personnel to ensure adequate staffing levels during the contract transition period.

- d. Support mobilization and rapid deployment with the supported unit.
  - e. Effective repair of components beyond the contractors capability or more economically performed by subcontractors (to include shipment responsibilities) and maintenance training at unit/installation or off site at subcontractors facility.
  - f. Provide for the required maintenance training of CLS technicians in the maintenance and repair of BDS equipment, and for providing the required test equipment (other than GFE) needed to support BDS units; and provide metrics to verify that maintainers are competent and appropriately trained.
  - g. Effective maintenance reporting and documentation such as system status, repair part status, failure analysis, frequency of maintenance actions, repair procedures, repair worked performed, location of repair work performed, and time for maintenance repair work to be performed, to include the format and how this format will satisfy using unit and contract requirements.
  - h. Attain an 80% Fix Forward maintenance concept for all JBPDS BIDS (M31E2) System components.
3. **Supply Management Plan:** The Contractor shall establish, maintain and execute a supply management plan to achieve the following objectives:
- a. Provide reports indicating ordering, tracking, receiving, storage, issuing, shipment and disposal activities for all supplies, tools, repair parts, consumables and waste, and usage rates for all consumable and non-consumable components in real time.
  - b. Maintain a 60-day supply of consumables and repair parts for each BDS unit/site.
  - c. Manage materials with shelf life to optimize use and reduce waste due to expiration date of supplies being exceeded.
  - d. Minimize material loss due to loss/lack of environmental controls, and to achieve maximum efficiencies and cost controls.
  - e. Provide for overall inventory management.
  - f. Obtain repair parts for all required Maintenance to support achieving mission essential performance requirements. This includes the source of the parts and quality control aspects (including if those parts are procured through the military supply system, parts obtained from the original manufacture of the item/system, or qualification of additional sources).
  - g. Support mobilization and rapid deployment with the supported unit.
4. **Operation Plan:** The Contractor shall prepare an Operation Plan to establish procedures to provide the necessary operations for the BDS equipment as required by this SOO; i.e. the Portal Shield, JSIPP, and ECE.

## **CONSTRAINTS:**

1. Maintenance Constraints: The contractor shall **not** be responsible for maintaining the supported units equipment (trucks, generators, air conditioners, etc.) or maintaining commercially available equipment that is not BDS equipment, unless otherwise specified.
2. Original Equipment Manufacturers (OEMs) must be utilized for providing maintenance and repair parts/services beyond the prime Contractor's capability unless other sources are qualified by the contractor and approved by the government. A listing of OEM contractors is contained in the solicitation attachment – Suggested Sources.
3. The contractor shall comply with all International (Host countries), Federal, State, and local environmental laws and regulations for the safe handling and accumulation of Hazardous materials. The contractor is responsible for Hazardous waste disposal unless provided by the Government.
4. Permits/Licensing: The Contractor shall be responsible for obtaining any and all permits/licensing required to operate in any supported locations either CONUS or OCONUS. The contractor shall supply requested information to assist in obtaining any permits and licensing required for operation, maintenance, supply operations at various sites that are required to be obtained by sources outside the contractor.
5. Contractor personnel may be required to obtain a U.S. Government Secret Security clearance to work under this contract. Deploying personnel shall require a U.S. Government Secret Security clearance.

## **DELIVERABLES:**

All deliverables shall be submitted electronically via e-mail as specified by the Government:

- a. Updates to Management Plan, Maintenance Plan, Supply Management Plan, Quality Control Plan, Quality Assurance Surveillance Plan, and Operation Plan as required.
- b. Reports as required under the Management, Maintenance, and Supply Plans.

## **SUGGESTED AREAS TO APPLY INCENTIVES**

1. Operational Availability Rate
2. Component turn around time
3. 60 day supply
4. Deployment
5. Award of IDIQ Performance Periods

## **ATTACHMENTS TO SOLICITATION**

1. BDS System Descriptions
2. Unit/Site Equipment Information
3. Matrix of Systems (for information purposes only)
4. Suggested Sources
5. Portal Shield Sites/Number of Sensors
6. Portal Shield CLS Mission Essential Tasks
7. Listing of GFE/GFM/GFP/GFF