

SECTION C  
DESCRIPTION/SPECS./WORK STATEMENT

OE RESPONSE AT FORT McCLELLAN, ALABAMA

1.0 OBJECTIVE. The purpose of this effort is risk reduction/cleanup of Ordnance and Explosives (OE) at Fort McClellan, Alabama using innovative technologies and approaches that provide improved quality and productivity at reduced cost. The traditional approach to OE cleanup uses a very labor-intensive methodology. The primary focus is on excavation and removal of anomalies rather than up-front engineering and anomaly discrimination. This contract presents a shift in emphasis to the use of up-front engineering tools that can be integrated into a holistic approach that can improve efficiencies and productivity. All aspects of OE risk reduction/cleanup shall be integrated under this systems integration management contract.

1.1 The contractor will integrate, manage, and execute all specified aspects of OE risk reduction/cleanup which may include: systems integration, data management (i.e., geographical information systems, etc), historical data analysis, footprint reduction methodologies, field reconnaissance, engineering evaluations, geophysical mapping, anomaly discrimination, cost analysis, risk analysis, statistical sampling and analysis, and sampling, removal and disposal of OE at Fort McClellan, Alabama. Technologies/approaches used for this project must be mature enough for application in a field production environment. The contractor may be required to perform other tasks as necessary that directly or indirectly support the overall objective of this contract.

1.2 Background. Fort McClellan (FMC) is a U.S. Army Training and Doctrine Command (TRADOC) facility and is scheduled to close in September 1999 under the Base Realignment and Closure Act (BRAC). Fort McClellan is located northeast of the City of Anniston, Calhoun County, Alabama. To the west are the areas known as Weaver and Blue Mountain. To the north is the City of Jacksonville. The Talladega Forest is to the east of the post. The base occupies 23,157 acres adjacent to the city of Anniston, AL. Its primary use has been for troop training (artillery, small arms, chemical warfare training, etc.) and demobilization activities. As such, there are a number of active and inactive firing ranges. OE is a safety hazard and may constitute an imminent and substantial danger to site personnel and the local populace.

2.0 GENERAL.

2.1 Response Actions. The Contractor will perform this work in a manner consistent with the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and the National Contingency Plan (NCP). During response actions the contractor shall dispose of all conventional OE encountered. Response activities may include site analysis, location surveys and mapping, non-intrusive geophysical surveys (magnetometry,

electromagnetometry, ground penetrating radar, etc.), intrusive sampling (test pits/trenches), removal actions (time critical and non-time critical), on-site and off-site OE disposal, and a study/ assessment of contaminated sites. During OE removal, the contractor may encounter Hazardous, Toxic and Radiological Waste (HTRW) material or Chemical Warfare Materiel (CWM).

2.2 Removal Operations. Some of the locations where OE response actions will take place could contain suspected CWM or HTRW; in such situations, the following shall apply:

2.2.1 HTRW material may be in munitions, drums, cylinders, landfills, Open Burning/Open Detonation (OB/OD) areas, ground spills or under water. If suspected HTRW of unknown origin and nature is encountered the contractor shall immediately notify the U. S. Army Engineering and Support Center, Huntsville (USAESCH) Safety Office. The contractor shall take necessary actions to protect the safety of his workforce, the public, and the environment. Concurrently, actions will be undertaken by the contractor to identify the suspect material for subsequent disposal in accordance with governing laws and regulations.

2.2.2 During conventional operations, if the contractor identifies or suspects CWM, the contractor shall immediately withdraw upwind from the work area and notify the appropriate personnel as identified in each Task Order. The contractor shall secure the area and provide two Unexploded Ordnance (UXO) Technicians II located upwind of the CWM to secure the site until relieved by the Technical Escort Unit (TEU) or Explosive Ordnance Disposal (EOD) personnel.

### 2.3 Definitions

2.3.1 Ordnance and Explosives (OE). OE consists of ammunition, ammunition components, chemical or biological warfare materiel or explosives that have been abandoned, expelled from demolition pits or burning pads, lost, discarded, buried, or fired. Such ammunition, ammunition components and explosives are no longer under accountable control of any DOD organization or activity. (Headquarters, Department of Army Policy Memorandum "Explosives Safety Policy for Real Property Containing Conventional OE").

2.3.2 Unexploded Ordnance (UXO). Military munitions that have been primed, fused, armed, or otherwise prepared for action, and have been fired, dropped, launched, projected, or placed in such a manner as to constitute a hazard to operations, installation, personnel, or material and remained unexploded either by malfunction, design, or any other cause.

2.3.3 Inert Ordnance. Inert ordnance is an item which has functioned as designed leaving an inert carrier, an item manufactured inert to serve a specific training purpose, or fragments from UXO.

2.3.4 Explosive Ordnance Disposal (EOD) Personnel. Active duty military EOD personnel.

2.3.5 UXO Personnel. UXO personnel assigned to positions UXO Technician I, UXO Technician II, UXO Technician III, UXO Safety Officer, UXO Quality Control Specialist, and Senior UXO Supervisor shall be U.S. citizens and graduates of one of the following schools or courses: a)US Army Bomb Disposal School, Aberdeen Proving Ground, MD; b)US Naval Explosive Ordnance Disposal (EOD) School, Indian Head, MD; c) EOD Assistants Course, Redstone Arsenal, Al; d) EOD Assistants

Course, Eglin Air Force Base, FL.

2.3.6 Access Procedures. Those actions taken to locate exactly and to gain access to UXO.

2.3.7 Quality Control (QC). The contractor's system to manage, control, and document his activities to comply with the contract requirements.

2.3.8 Quality Assurance (QA). The procedures by which the Government fulfills its responsibility to be certain that QC is functioning and the specified product is realized.

2.3.9 Chemical Agent. A chemical agent listed in AR 50-6 that is intended for use in military operations to kill, seriously injure, or incapacitate a person through its physiological properties. Excluded from consideration are industrial chemicals, riot control agents, chemical herbicides, smoke, and flame.

2.3.10 Chemical Warfare Materiel (CWM). Chemical agent configured in a munition, bulk container, or test kits containing chemical agent used for training purposes discovered either by chance or during operations that were previously disposed of as waste.

2.3.11 Hazardous Toxic Radiological Waste (HTRW). Waste or media (i.e. air, water, soil, etc.) contaminated with chemical agent or other chemicals or compounds that have been determined to be harmful to human health and the environment and are regulated by Federal and State law.

2.3.12 Innovative Technology. 1) A Technology which is significantly better, cheaper, or faster than existing technologies, that is not broadly applied due to limited knowledge or established standards within the engineering community. 2) A technology which is not commercially available from one or more vendors which has the potential to be better, cheaper, or faster than existing technologies. This may include technologies that have been extensively field demonstrated, but have not been applied on a full-scale project. Innovative technologies must maintain public and worker safety.

2.3.13 Target Anomaly. An anomaly which has a high probability to be an OE item based on geophysical signature, digital image, size and/or mass.

2.3.14 Life Cycle Data Management. A "cradle to grave" process of creating, maintaining, storing, and archiving data over the life of a project such that the data is current (up-to-date) and available.

2.3.15 Geographic Information Systems (GIS). A combination of computer hardware and software that supports the acquisition, management, analysis, and visualization of spatially referenced data for solving complex planning and management problems.

2.4 Permits. Environmental permits are not required for ordnance work conducted on-site. However, the contractor shall obtain other permits and licenses necessary to conduct his operations. These include building permits, licenses to purchase explosives, and Department of Transportation (DOT) permits for transport of OE and HTRW on public highways.

2.5 Laboratory Capabilities.

2.5.1 The contractor shall use a U.S. Army Corps of Engineers (USACE) validated laboratory for explosives and HTRW characterization of Investigative Derived Waste (IDW). The

Government may permit an on-site laboratory if needed. Validation shall be obtained from (the Government will request validation services as required on the appropriate form):

U.S. Army Engineer Division, Missouri River  
ATTN: CEMRD-ED-EC (Elena Webster)  
P.O. Box 103 Downtown Station  
Omaha, NE 68101-0103  
Phone: 402-697-2575

2.5.2 The contractor shall use a certified DoD Chemical Surety Material (CSM) laboratory capable of analyzing samples suspected of chemical agent contamination. In addition, at the discretion of the Contracting Officer (CO), a certified mobile laboratory may be required. Certification shall be obtained through the contracting officer from the following:

Director, U.S. Army Edgewood Chemical  
& Biological Center  
ATTN: ECBC-COR-C (Kelly McGuire)  
Aberdeen Proving Ground, MD 21010-5423  
Phone: 410-436-8428

2.6 Safety. All work under this contract shall be in accordance with the publications specified in paragraph 6.0 of this Statement of Work (SOW).

2.6.1 The contractor shall develop the Safety Program in accordance with guidelines specified in OT-005-06.

2.6.2 The contractor shall devise a systematic method of conducting daily safety inspections to evaluate operating areas and personnel performance with the goal of eliminating hazards. Copies of all safety inspection results shall be included in the Monthly Status Report. The Monthly Status Reports shall be provided in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-080). The Site Safety Officer shall accompany any Federal or State regulatory official performing on-site evaluations of contractor operation. The contractor shall cooperate to the maximum extent possible with such safety regulatory personnel but shall not deviate from the Government-approved plan without approval from the Contracting Officer. No visitors or unnecessary personnel are allowed inside the exclusion zone while UXO operations are ongoing.

2.7 Communications. The contractor shall provide all communications equipment to accomplish the removal work. The contractor will also furnish communication equipment for the onsite USACE personnel as specified in individual Task Orders.

### 3.0 SPECIFIC SERVICES

3.1 General. The contractor shall, upon receipt of an order, supply all personnel, tools, equipment, transportation, materials and supervision (except as otherwise noted) to integrate, manage, and execute all specified aspects of the task order.

3.1.1 The contractor shall execute the work under the direction of a Project Manager (PM). The PM shall answer all questions from the CO pertaining to the task during the life of each task order.

3.1.2 The contractor shall identify a single Project Manager to coordinate all administrative and cost accounting details of all task orders. All work shall be accomplished with adequate internal controls and review procedures to eliminate conflicts, errors, and omissions and ensure the accuracy of all

output. This position is not considered to be the technical lead position.

3.1.3 Task Orders. A specific SOW as well as the types and numbers of submittals and dates will be included in the individual task orders. These dates identify when information is due in to USAESCH, and the office of other addressees identified in the order. The types and numbers of submittals, and dates, and places for review meetings will be established by each task order under this contract.

3.2 Site Visit. A site visit may be authorized by the Contracting Officer to assist in the preparation of the initial Work Plan (WP) for field activities. An abbreviated Site Safety and Health Plan (SSHP) shall be prepared by the contractor and submitted 10 days prior to the site visit to USAESCH. During the site visit, particular attention shall be directed to environmentally sensitive areas and concerns which shall be explicitly addressed in the Work Plan. No intrusive activities shall be conducted during the site visit. The site visit team shall include a senior UXO Supervisor who will be assigned to the OE response effort when possible.

3.3 Work Plan. Prepare and submit, for Contracting Officer Approval, a WP in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-005-01), describing how the required effort will be accomplished. The contractor may not be mobilized to the site or begin working until the WP has been approved. The WP may contain the following sub-plans which shall be identified on a Task Order basis:

3.3.1 Technical Management Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-02).

3.3.2 Explosives Management Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-03).

3.3.3 Explosives Siting Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-04).

3.3.4 Geophysical Investigation Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-05).

3.3.5 Site Safety and Health Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-06).

3.3.6 Location Surveys and Mapping Plan in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-005-07).

3.3.7 Work, Data, and Cost Management Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-08).

3.3.8 Property Management Plan in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-005-09).

3.3.9 Sampling and Analysis Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-10).

3.3.10 Quality Control Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-11).

3.3.11 Environmental Protection Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-12).

3.3.12 Investigative Derived Waste Plan in accordance with DD Form 1423 and DD Form 1664 (OT-005-13).

3.3.13 Geographic Information System Plan in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-005-14).

3.4 Task Activities. Typical activities under task orders to this contract may include, but are not limited to:

3.4.1 Geographic Information System. Development of a Geographic Information System (GIS) database; creation and

management of a computerized GIS in accordance with the system requirements described in DID OT-FMC-05-14.

3.4.2 Historical Data Analysis. Analysis of historical information such as photographs, records, and documents to identify areas potentially contaminated with OE.

3.4.3 Footprint Reduction. Footprint reduction of areas suspected to contain OE using various methodologies as determined to be applicable.

3.4.4 Field Reconnaissance. Verify or substantiate past usage of specific areas as well as presence of OE by conducting field reconnaissance.

3.4.5 Engineering Evaluations. Perform engineering evaluations of sites to delineate areas of OE contamination/ density of contamination/ alternatives for remediation/risk reduction.

3.4.6 Cost Analysis. Perform cost analysis for various remediation/risk reduction alternatives.

3.4.7 Anomaly Discrimination. Analysis of geophysical data to identify and locate target anomalies using innovative and/or traditional methodologies and applications.

3.4.8 Risk Assessment. Perform risk assessment to support recommendations for OE remediation/risk reduction alternatives.

3.4.9 Statistical Sampling and Analysis. Characterization of sites using traditional or innovative methods as approved by USAESCH.

3.4.10 Sampling and Analysis. Perform chemical sampling and analyses (both on-site and off-site) for explosives, CWM, and other Target Compound List chemicals as required. Samples may be taken and analyzed for the parameters identified in each task order.

3.4.11 Install support facilities (i.e., site project office, command post, decontamination facilities, roads, and utilities) and establish exclusion, contamination reduction, and support zones. The site project office shall include space for a Government representative. The contractor shall locate staging and demolition areas, subject to Government approval.

3.4.12 Provide location surveys and mapping in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-05-07).

3.4.13 Digital Geophysical Mapping. Perform geophysical surveys using instruments capable of locating target anomalies, disturbed areas, and underground utilities.

3.4.14 Air Monitoring. Conduct on-site work area and site perimeter real-time air monitoring for HTRW and CWM for worker protection.

3.4.15 OE Removal and Disposal. Utilize both innovative methods and traditional(as suitable) for removal actions (i.e., on-site source control/containment, on-site disposal/treatment, and off-site disposal/treatment).

3.4.16 Innovative Technologies/Approaches. Continually upgrade and/or improve technologies/approaches required for performance of work throughout the life of the project.

3.5 Public Involvement. The contractor shall assist in public meetings to inform the public of the purpose of the proposed actions, the procedures to be followed, and the cooperation requested. A written record (to include attendees, questions asked and answers provided) shall be prepared and

provided as part of the Removal Report. The contractor shall propose the methodology to accomplish this task in the WP. Records of these meetings shall be provided by the contractor in accordance with DD Form 1423 and DD Form 1664 (OT-045).

3.6 OE Operations. The contractor shall provide the necessary personnel and equipment to locate, gain access, identify, recover, and if directed, apply final disposal/treatment procedures to all OE to include Investigative Derived Waste (IDW) contaminated with chemical agent, HTRW and explosives. The procedures used during OE response actions shall comply with those contained in CEHNC Safety Concepts and Basic Considerations for UXO Operations (Section J, Attachment A) and the approved WP. If UXO is encountered that cannot be moved due to its condition and the location prevents disposal in place, then the onsite USAESCH Safety Specialist or Range Control shall be notified. If burning/detonating operations cannot be conducted on-site, the contractor shall pack and transport all UXO to an approved storage or disposal area. Transportation of UXO shall be in accordance with all applicable Federal, State, and local laws and regulations. A Site Specific Removal Report shall be submitted in accordance with DD Form 1423 and DD Form 1664 (OT-030), and OE and IDW shall be disposed of in accordance with the work plan approved by the CO.

3.7 Personnel Qualifications. The qualifications of site personnel shall be in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-025) for those categories that are included in the CLIN structure. The contractor shall provide to the Government the qualifications and minimum experience of all labor categories used to accomplish the work effort but not covered in OT-FMC-025. Federal employees, military or civilian, shall not be employed by the contractor in performance of any work under the contract; i.e., during off duty hours, regular hours, or while on annual leave.

3.7.1 Key and Core Personnel. Minimum key personnel and core labor categories are identified in DD Form 1664 (OT-FMC-025), paragraph 10.4 and 10.5 and shall be provided for each task order as applicable and shall meet the qualifications and requirements as stated in DD Form 1664 (OT-FMC-025).

3.7.2 Prior to working under this contract all key personnel and UXO personnel shall be approved by the CO or his designated representative.

3.8 Site Security. The contractor shall provide site physical security (e.g., fencing or guard service) as required by each individual order. At a minimum, the contractor shall maintain all areas to minimize the risk of injury or accident. Work on or near roadways shall be marked with lights and barricades meeting State and local regulations. Where such regulations are not applicable or adequate, the contractor shall minimize the risk of an accident. Special consideration shall be given to site security/safety needs near residential areas where there may be children.

3.9 Scrap Turn-in. The contractor shall furnish all necessary personnel and equipment to turn in all recovered inert ordnance and non-ordnance related scrap metal to the nearest Defense Reutilization and Marketing Office (DRMO). If the DRMO declines to accept the scrap metal, the contractor may be authorized by the contracting officer to turn in scrap metal to a local scrap

dealer. The contractor shall obtain written verification of refusal. Ordnance related scrap shall be segregated from non-ordnance related scrap. Inert ordnance items shall be vented IAW DOD 4160.21-M-1, Defense Demilitarization Manual. The Contractor shall complete a DD Form 1348-1 as turn-in documentation. Instructions for completion of this form are contained in the Defense Utilization and Disposal Manual, DoD 4160.21-M. The Senior UXO Supervisor shall sign a certificate as follows:

"I certify that the property listed hereon has been inspected by me and, to the best of my knowledge and belief, contains no items of a dangerous nature."

3.10 Presentations and Meetings. The frequency and locations of presentations and meetings will be identified in each task order.

3.11 Contract Deliverables. The following contract deliverables shall be submitted as required by individual task orders:

3.11.1 Disposal Feasibility Letter Report in accordance with DD Form 1423 and 1664 (OT-40).

3.11.2 Work Plan in accordance with DD Form 1423 and 1664 (OT-FMC-005-01).

3.11.3 Location Surveys and Mapping in accordance with DD Form 1423 and 1664 (OT-FMC-005-07).

3.11.4 Site Specific Removal Report in accordance with DD Form 1423 and 1664 (OT-030).

3.11.5 Personnel Qualifications in accordance with DD Form 1423 and 1664 (OT-FMC-025).

3.11.6 Accident/Incident Report. Submit in accordance with DD Form 1423 and DD Form 1664 (OT-015).

3.11.7 Report/Minutes, Record of Meeting. Submit in accordance with DD Form 1423 and DD Form 1664 (OT-045).

3.11.8 Monthly Status Report. Submit in accordance with DD Form 1423 and DD Form 1664 (OT-FMC-080).

3.11.9 Property Management Plan. The contractor shall prepare and submit an overall contract property management plan as a separate document with award of the initial task order which defines how he plans to manage government property during the life of the contract. Management of government property for each task order will be in accordance with the approved property management plan and detailed in the individual task order work plan. Submit in accordance with DD Form 1423 and DD Form 1664 (OT-005-09).

3.11.10 Telephone Conversation/Correspondence Record in accordance with DD Form 1423 and 1664 (OT-055).

3.11.11 Conventional Explosives Safety Submission (ESS) in accordance with DD Form 1423 and 1664 (OT-060).

3.11.12 Logs, Reports, and Recordkeeping. The contractor shall maintain safety inspection reports, accident/incident reports, medical certifications, training logs, monitoring results, QC records, etc. The contractor shall maintain all exposure and medical monitoring records in accordance with OSHA Standard 29 CFR 1910 and 1926. Submit in accordance with DD Form 1423 and DD Form 1664 (OT-005-06).

3.11.13 Weekly Status Report in accordance with DD Form 1423 and 1664 (OT-085).

3.11.14 EE/CA Report in accordance with DD Form 1423 and

1664 (EECA-FMC-090).

4.0 PUBLIC AFFAIRS. The contractor shall not publicly disclose any data generated or reviewed under this contract. The contractor shall refer all requests for information concerning site conditions to the CO for comment.

All reports and data generated under this contract shall become the property of the Department of Defense and distribution to any other source by the contractor, unless authorized by the CO, is prohibited.

5.0 PERFORMANCE METRICS. The performance and subsequently the evaluation of the contractor shall be based on certain performance metrics. The metrics include safety, quality, schedule, cost, and customer satisfaction. Evaluations will be performed at least on a per Task Order basis and at the completion of the project. At the completion of each Task Order, a board consisting of at least two government personnel and one representative of the contractor will perform the contractor evaluation for approval by the CO or his designated representative. The contractor representative will be selected by the CO. Appraisals will be issued to support exercising subsequent option periods using AFARS 42.15 and ER 715-1-19. The contractor will be allowed to provide input to specific performance metrics on a Task Order basis. However, the government will make the final determination of specific performance metrics. Some performance metrics may include but are not limited to the following:

5.1 Safety.

5.1.1 Class A Accidents. Any Class A accident, which is the result of a safety violation by the contractor, will result in an unsatisfactory safety and overall rating.

5.1.2 Accident Prevention. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on his compliance with the approved Work Plan and other safety regulations and guidance as applicable. This will be determined by the number and severity of safety violations issued by the USACE Safety Specialist as indicated below.

5.1.2.1 Each major safety violation (life threatening, normally associated with activities involving OE and any recordable accident as specified by paragraph 3-3, AR-385-40 with USACE Supplement).

5.1.2.2 Each minor safety violation (non-life threatening, normally associated with non-OE activities and any reportable accident as specified by paragraph 3-2, AR 385-40 with USACE Supplement).

5.2 The contractor must achieve at least a satisfactory rating on all safety metrics to achieve an overall excellent appraisal rating on the Task Order. The contractor may receive an incentive award for safety if he receives an overall excellent performance appraisal on safety for the Task Order.

5.3 Quality.

5.3.1. Documentation. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on the quality of all documentation including digital data submitted by the contractor. Factors that may be considered in the evaluation are: technical content, format, readability, appearance, and responsiveness to comments.

5.3.2. Field Work.

5.3.2.1 Detection. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on his ability to detect target anomalies. This will be measured by the results of QA performed by the government or a representative of the government.

5.3.2.2 Reacquisition. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on his ability to accurately determine the location of anomalies.

5.3.2.3 Removal. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on the ratio of anomalies excavated to actual OE targets excavated during removal and sampling activities. Targets will be defined on a site by site basis in a manner to not penalize the contractor for removal of items of similar configuration to actual OE.

5.3.3 Processes. The contractor will receive an excellent, satisfactory or unsatisfactory rating based on the effectiveness of his processes utilized on the project. Factors that may be considered in the evaluation are: accuracy of characterization of areas potentially contaminated with OE, data capture, data management, team work, and integration of all processes utilized.

#### 5.4 Cost.

5.4.1. Cost Management. The contractor will be rated on his ability to manage costs for Time and Materials tasks. In addition, the contractor's performance will be rated on the extent to which he exerted his best effort.

5.4.2 % Cost in Excess of Estimated Ceiling. The contractor will be rated on his ability to manage the total cost of the Time and Materials tasks within a Task Order. This will be measured by the % of the final cost as compared to the estimate for the T & M task. Cost increases in excess of the original ceiling will be judged against any materially changed conditions at the site. For example: If the estimate for the task was \$1000 and the actual cost for the task was \$1100, the % cost in excess of the ceiling would be 10%.

5.5 Schedule. The contractor will be rated on his ability to meet schedules on Final deliverables. This will be measured on a Task Order basis as a percentage of deliverables received on time. Schedule slippage beyond the control of the contractor shall be documented by the CO and new schedules shall be established with approval of the government.

5.6 Customer Satisfaction. A customer satisfaction survey developed by government with input from the contractor will be sent to the contractor's customers who have been directly involved with part of the work performed under the Task Order. The contractor will be rated on each criterion using a scale of one to five. A cumulative score from one to five will be generated from the results of all the surveys.

5.7 Objective Metrics. When appropriate, objective metrics will be established on a Task Order basis to determine the contractor's performance appraisal. Examples of objective metrics that may be used are included in the following table. Subjective metrics will be evaluated on a qualitative basis.

Excellent Satisfactory Unsatisfactory

Safety

Class A Accident

|                        |          |           |      |
|------------------------|----------|-----------|------|
| Contractor at Fault    | 0        |           | 1    |
| Accident Prevention    |          |           |      |
| Major Safety Violation | 0        | 1         | >1   |
| Minor Safety Violation | 1        | 2-4       | >4   |
| Quality                |          |           |      |
| Detection              | >99      | 95-99     | <95  |
| (% Grids Passing)      |          |           |      |
| Reacquisition          | >95      | 95-75     | <75  |
| (% within +/- 0.5m)    |          |           |      |
| Removal (ratio of      |          |           |      |
| False positives to     | <3/1     | 3/1 - 8/1 | >8/1 |
| Cost                   |          |           |      |
| % Cost in Excess of    |          |           |      |
| Estimated Ceiling      | 0        | 0-15      | >15  |
| Schedule               |          |           |      |
| Final Deliverables     | 100      | 75-99     | <75  |
| (% on schedule)        |          |           |      |
| Customer Satisfaction  |          |           |      |
| Customer Satisfaction  |          |           |      |
| Survey (rating)        | >4.5 - 5 | 4.5 - 3   | <3   |

5.8 Incentives. Incentives shall be awarded to the contractor on a Task Order basis when he achieves a satisfactory or better performance rating on all of the Safety metrics and an excellent performance rating on at least 80% of the metrics for that Task Order. Incentives for excellent performance may include but are not limited to:

1. Monetary (amount to be determined by the contracting officer)
2. Letters/Certificates of Commendation presented in public ceremonies by high level USAESCH officials
3. Write-ups in USACE publications
4. Featuring project success stories at UXO forums and seminars
5. Posting of contractors "excellent" performance on the Huntsville Center's home page
6. Exercising Option years on contract

5.9 The government reserves the right to give incentive awards for specific acts, within specific areas or to specific individuals as well as on a Task Order basis. Areas which will be given special consideration when determining if incentives are merited are safety, innovation, and continuous improvement.

5.10 If the contractor receives an overall excellent rating in each category of Safety, Quality, Cost, Schedule, and Customer Satisfaction for the life of the project, he will be allowed to submit draft information concerning his performance appraisal for review by the CO. Subject to CO approval, this information will be included in the official performance appraisal for the government contractor database.

5.11 Performance Improvement Plan. Any time the contractor receives an unsatisfactory rating on any performance metric, he will be required to develop a Performance Improvement Plan to correct any deficiencies in that area.

5.12 Disincentives. Disincentives for poor performance may include but are not limited to:

1. Poor Performance Appraisals
2. Awarding follow on Task Order work to others
3. Not exercising Option years
4. Redoing unsatisfactory work at no cost to the government

5. Monetary (amount to be determined by the contracting officer)

6. Reporting the level of performance to higher level USAESCH authorities, including the Director of Contracting and the Commander.

#### 6.0 References.

6.1 Archives Search Report for Fort McClellan, St. Louis District, 1999.

6.2 Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) of 1980, Public Law (PL)96-510, 94 Stat 2767, 42 USC 9601.

6.3 NIOSH/OSHA/USCG/EPA Manual for Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities, Oct. 85.

6.4 HQUSACE Letter, DACS-SF, Explosives Safety Policy for Real Property Containing Conventional Ordnance and Explosives.

6.5 HQDA Policy Memorandum, Interim Guidance for Biological Warfare Materiel (BWM) and Non-stockpile Chemical Warfare Materiel (CWM) Response Activities, 5 Sep 97.

6.6 Environmental Chemistry and Fate of Chemical Warfare Agents, Southwest Research Institute, Mar 94.

6.7 AR 50-6, Chemical Surety.

6.8 AR 75-15, Responsibilities and Procedures for Explosive Ordnance Disposal (EOD).

6.9 AR 190-11, Physical Security of Arms, Ammunition, and Explosives.

6.10 AR 200-1, Environmental Protection and Enhancement.

6.11 AR 200-2, Environmental Effects of Army Actions.

6.12 AR 385-10, The Army Safety Program

6.13 AR 385-40, Accident Reporting and Records with USACE Supplement.

6.14 AR 385-61, The Army Chemical Agent Safety Program.

6.15 AR 385-63, Safety, Policies and Procedures for Firing Ammunition for Training, Target, Practice and Combat.

6.16 AR 385-64, U.S. Army Explosives Safety Program.

6.17 DA PAM 40-173, Occupational Health Guidelines for Evaluation and Control of Occupational Exposure to Mustard Agents, H, HD, HT.

6.18 DA PAM 40-8, Occupational Health Guidelines for the Evaluation and Control of Occupational Exposure to Nerve Agents, GB, GD, and VX.

6.19 DA PAM 385-64, Ammunition and Explosives Safety Standards.

6.20 DA PAM 385-61, Toxic Chemical Agent Safety Standards.

6.21 DA PAM 50-6, Chemical Accident or Incident Response and Assistance (CAIRA) Operations.

6.22 29 CFR 1910.120/1926, Occupational Safety and Health Standards.

6.23 32 CFR, Part 203, Technical Assistance for Public Participation (TAPP) in Defense Environmental Restoration Activities.

6.24 40 CFR, Parts 260 through 270, U. S. Printing Office latest edition.

6.25 40 CFR, Part 300, EPA National Oil and Hazardous

Substance Pollution Contingency Plan (NCP)

6.26 DOD 6055.9-STD, DOD Ammunition and Explosives Safety Standards.

6.27 DoD 4160.21-M, Defense Utilization and Disposal Manual.

6.28 DoD 4160.21-M-1, Defense Demilitarization Manual.

6.29 EM 385-1-1, Safety and Health Requirements Manual.

6.30 ER 385-1-92, Engineering Regulations Safety and Occupational Health Document Requirement For HTRW and OE Activities.

6.31 ER 715-1-19. Service and Supply Contractor Performance Evaluations.

6.32 FAR 45.5 and its supplements, Federal Acquisition Regulation, Management of Government Property in the Possession of Contractors.

6.33 AFARS. Army Federal Acquisition Regulation Supplement Part 42.15.

6.34 Pertinent government furnished unclassified TM 60-series publications.

6.35 TM 60A-1-1-22 EOD Procedures: General EOD Safety Precautions.

6.36 TM 60A-1-1-31, EOD Procedures, General Information on EOD Disposal Procedures.

6.37 CEHNC Safety Concepts and Basic Considerations for UXO.

6.38 CEHNC UXO Personnel Database.

6.39 NTC Regulation 350-3.

6.40 29 Code of Federal Regulations.

6.41 ATFP 5400.7, Alcohol, Tobacco, and Firearms Explosive Laws and Regulations

6.42 27 CFR Part 55, Commerce in Explosives

6.43 49 CFR Parts 100-199, Transportation

6.44 ETL 385-1-2, Generic Scope of Work for Ordnance Avoidance Activities

6.45 TM 9-1300-200, Ammunition General

6.46 TM 9-1300-214, Military Explosives

6.47 TM 9-1375-213-12, Operator's and Organization Maintenance Manual (Including Repair Parts and Special Tools List); Demolition Materials

## 7.0 SPECIAL INSTRUCTIONS

7.1 Hard Hats. During field activities on ordnance projects, hard hats need not be worn unless the potential of head injury or hazard exist.

7.2 Review Comments. The Government will review each draft report as required by the Contract Data Requirement (CDRL) and Data Item Descriptions (DIDs) and provide comments to the contractor. The contractor shall provide written responses to all comments and incorporate comments as appropriate.

7.3 Work Standards for UXO personnel are provided in DD Form 1664 (OT-FMC-025).

END OF SECTION C