

## OE Response and Services CONUS & Worldwide - U.S. Army

### Contract Highlights

- 27 Task Orders
  - Work performed in 12 United States, Iraq and Japan
- Munitions & Explosives of Concern (MEC) work performed included:**
- avoidance; time critical & non time-critical removal actions
  - engineering evaluations/cost analysis
  - target removal & range clearance
  - construction & remediation support
  - cradle-to-grave depot management
  - data collection/analysis, and
  - plans & reports

### CONTRACT INFORMATION

USA Environmental, Inc. (USA) was awarded this 5-year IDIQ contract with a ceiling capacity of \$120M from the U.S. Army Engineering & Support Center, Huntsville (USAESCH) for Ordnance & Explosives (OE) Response and Services within the Continental United States and worldwide. The contract encompassed Munitions Response Services at various Formerly Used Defense Sites (FUDS), active Department of Defense (DoD) installations, DoD sites identified under the Base Realignment and Closure Act (BRAC), property adjoining DoD installations, and other federally controlled/owned sites which were impacted by Munitions and Explosives of Concern (MEC) Operations. Another contract under the same procurement was awarded to Parsons with USA as a significant subcontractor. USA performed MEC clearance work and Engineering Evaluation/Cost Analysis (EE/CA) support for Parsons.

### SCOPE OF WORK

USA integrated, managed, and executed all specified aspects of Munitions Response Services to include: system integration, data management, project planning, historical data analysis, footprint reduction methodologies, field reconnaissance, engineering evaluations and studies, applying innovative technologies/approaches, geophysical mapping, anomaly discrimination, cost analysis, risk analysis, risk management analysis, statistical sampling and analysis, sampling, removal and disposal of MEC, regulatory interface and requirements, stakeholder involvement, community relations, media support, and documentation.

USA received 27 Task Orders (TOs). The Scopes of Work for these task orders included MEC investigation & removal, MEC construction support, range residue handling, technology development, geophysical survey, Engineering Evaluation/Cost Analysis (EE/CA), scrap certification, and document reviews. Work was performed in 12 states in all CONUS time zones. In addition, USA performed work on two task orders in Iraq, one for managing Captured Enemy Ammunition, and the other in support of securing and restoring Iraq's oil fields.

### Task Order Examples

**UXO Location, Removal, Disposal, and Long Term Monitoring, Little Patuxent River Refuge, Ft. George G. Meade, MD** - USA performed MEC Removal at the Little Patuxent River Refuge, Ft. Meade, MD. USA performed a subsurface clearance of 7 acres to depth, and surface cleared 120 acres. This included an initial removal phase and three additional Long Term Monitoring efforts of the river and riverbank. USA safety located and disposed of 397 MEC items, of which 254 required explosive venting on site prior to final disposal. Engineering controls were required during excavations to insure public safety. USA recovered, inspected, certified, and disposed of 1,080 lbs of munitions and range-related debris while maintaining cradle-to-grave chain of custody of all munition debris collected and certified for disposal. USA executed this task order for USAESCH, and coordinated the work with USACE, Baltimore District, the U.S. Fish and Wildlife Service (USFWS), and Anne Arundel County, MD, officials.



**Engineering Evaluation/Cost Analysis (EE/CA) of the Former Frankford Arsenal, PA** - This project was managed by USACE, Baltimore District under the mentorship of USAESCH. For this EE/CA, USA performed a site visit, an EE/CA Work Plan and the Site Safety and Health Plan, Geophysical Prove-Out (land and in-water) was performed, reduction of MEC areas using historical data analysis, incorporation of data into the project Geographic Information System (GIS), and site inspections. USA developed and

maintained an active Website with current postings of project related documents. In addition, USA assisted and participated in Technical Project Planning (TPP)



meetings involving DoD personnel, regulatory agencies, and other stakeholders (including private landowners and local communities) to determine appropriate approaches to project implementation. The final report warranted mention during USAESCH Stand-Down as the "Only EE/CA Final Report that ever met the new DID outline".

**Range Residue Handling Activities, Massachusetts Military Reservation (MMR), MA** - On this project, USA recovered and processed over 255 tons of range residue; including 15 targets comprised of army personnel carriers, tanks, and buoys. All range residue was accounted, certified, and verified on DD Form 1348-1a, and sent to a facility for final disposition. Coordination in performing this project included USAESCH, USACE New England District, and Massachusetts Army National Guard (MAARNG), Camp Edwards, MA.

**OE Investigation, Ft. Sam Houston, TX** - USA performed MEC Investigation at Ft. Sam Houston, TX. USA investigated 214 targets, resulting in locating 13 UXO items requiring demolition. The project had some unexpected issues such as construction ongoing within the site and investigations within landfills. However, real-time coordination between USA and the USAESCH resulted in completion of the project within the schedule.



**OE Removal Action, Castner Range, Ft. Bliss, TX** USA's duties included conducting a site visit, preparing a work plan and an explosives safety submission (ESS), establishing a GIS, recruiting and training local hires for UXO sweep personnel, and performing MEC operations, including geophysical survey, location surveying & mapping, and surface/subsurface MEC detection, removal and disposal. USA supported its customer and their client at stakeholder, community, and regulatory meetings. USA performed subsurface removal to depth of detection over 218 acres, excavated 47,889 anomalies, performed surface removal of 994 acres, provided construction support

to a Fort Bliss contractor for removing range-related debris from sections of the munitions response site and destroyed by demolition 126 UXO, 52 Material Potentially Presenting an Explosive Hazard (MPPEH), and assorted small arms items. USA recovered, inspected, and certified 5,575 lbs of munitions debris and 9,364 lbs of range-related debris.

### RCRA Facility Investigation, Ft. Benning, GA

USA intrusively investigated the suspect CWM burial site and anomalies identified in the geophysical report for the site. Ft. Benning is an active installation. During the project, numerous K941 Chemical Agent Identification Sets (CAIS) containing mustard agent were discovered and removed. The project was performed as a collaborative effort involving the USACE, Savannah District, Tech Escort, USA, and other government agencies. A letter received from the project manager at USACE, Savannah District states, "I would like to take this opportunity to officially commend USA Environmental, Inc. for an exceptional service your company provided during the removal action at the Chemical Agent Burial Site, Ft. Benning, GA."



### 27 Task Orders Received:

- OE Removal, Ft. Meade, MD
- Range Residue Handling, MMR, MA
- Life Cycle Data Management (LCDM)
- JPG Quality Assurance, IN
- OE Construction Support, Ft. Wingate, NM
- Ordnance Investigation, Ft. Sam Houston, TX
- Meandering Path Geophysical Mapping, Ft. Ord, CA
- Geophysical & Construction Support, Ft. Benning, GA
- Generic WP for Immediate Response at OE Sites
- Development of Automated Tools on Handheld PC Platform
- Geophysical Quality Assurance
- OE EE/CA, Willams Field, AZ
- OE EE/CA at Frankford Arsenal, PA
- OE Removal Action, Castner Range, Ft. Bliss, TX
- Geophysical QC Guidance Manual
- OE EE/CA, Waikoloa, HI
- OE EE/CA, Camp Chaffee, Ft. Smith, AR
- Overseas Deployment, Iraq
- Captured Enemy Ammunition (CEA), Iraq
- RCRA Facility Investigation, Ft. Benning, GA
- Time-Critical Removal Action, Ft. Sam Houston, TX
- OE INPR/ASR Review
- OE Historical Survey
- OE Scrap Certification, Camp Lejeune, NC
- UXO Support for Construction, Okinawa, Japan
- OE Time-Critical Removal Action, Camp Butner, NC
- Final Reports, Ft. Ord, CA