UXO Location, Removal & Disposal, Fort Ord, CA - U.S. Army

Project Highlights

- Safely performed MEC investigation & clearance on over 2,200 acres
- Investigated 3,087,000 anomalies & safely disposed 32,000 MEC/UXO items
- Removed & properly disposed 34 tons of munitions debris
- Performed MEC operations on 48 different sites, many concurrently
- Worked over 463,000 man-hours
- Completed all MEC work without an explosive-related incident/accident; achieved a .74 EMR
- Passed USACE Quality Assurance on over 9,000 MEC work grids without a QA failure
- Managed over 60 UXO-qualified managers and technicians
- Started the Ordnance Detection and Discrimination Study with Parsons

CONTRACT INFORMATION

USA was the prime contractor and single point of contact to the USACE, Sacramento District, for this $29.4M/4-year site-specific, stand-alone MEC contract at the former Fort Ord, CA.

SCOPE OF WORK

USA performed project management, GIS operation, cost/schedule management, MEC/UXO detection, removal & disposal; MEC and munitions debris investigation & removal; UXO Safety & Quality Control; started the Ordnance Detection & Discrimination Study (ODDS); attended regulatory, community & stakeholder meetings with our client to provide support concerning ongoing MEC/UXO operations, supported the Strategic Management Analysis Requirements Technology Team (SMART); and successfully managed subcontractors to perform mechanical vegetation removal, risk analysis, digital geophysical mapping, and scrap disposal. USA managed an annual average staff of 80 personnel, including over 60 UXO-qualified managers and technicians. USA personnel worked 463,000 man hours, completed all MEC work without an explosive-related incident/accident, and achieved a .74 Experience Modification Rate (EMR). USA passed USACE Quality Assurance on over 9,000 MEC work grids and never had any QA failures. 7 Task Orders were issued under this contract.

MEC operations were performed on 48 different sites, many concurrently, over the 4-year project time span. USA safely performed MEC investigation and/or clearance on 2,200 acres. 3,087,000 anomalies were investigated and over 32,000 MEC/UXO items were safely disposed. 34 tons of munitions debris were removed and properly processed. 8,943 hours of UXO Escort support was provided for non-UXO personnel. USA escorted personnel included an environmentalist, biologist, surveyors, and other government and non-government personnel requiring access to areas containing MEC.

USA managed our subcontractor, Parsons, to perform Digital Geophysical Mapping (DGM) operations on 300 acres. Engineering Support Activities included establishing safe work areas, which prevented unauthorized civilians from entering during intrusive UXO operations. USA also established engineering support services by introducing a large scale vegetation removal machines. This required analysis of the hazards of the operating areas surrounding the machines and the procedures to limit the exposure of personnel to those hazards. USA supported USACE, when requested, at meetings with DoD and State of California EPA regulatory agencies as well as several stakeholder groups. USA also supported USACE at community meetings.

The Department of Environmental and Natural Resources (DENR) of the former Ft. Ord experienced concerns expressed by citizens involving open detonation of hazardous MEC. USA, at the request of the U.S. Army Corps of Engineers, started the Ordnance Detection and Discrimination Study (ODDS). This study was to compare analog and digital geophysical instruments against the vegetation and ordnance types of Ft. Ord. ODDS identified the best instruments to use for the best detection of anomalies at the site.

"Instrumental to the success of the project has been USA Environmental, the prime contractor for OE cleanup from 1998 and 2001. USA Environmental has conducted extensive OE sampling and removal actions while maintaining the highest safety standards for their workers." James Willison, Director, Environmental and Natural Resources Management.