

Munitions Response/Construction Support, Pohakuloa, HI

The objective of this project was to provide all munitions response services necessary to accomplish construction of the proposed Battle Area Complex (BAX) at the Pohakuloa Target Area, HI. Work involved clearance to depth of detection on 180 acres of construction footprint inclusive of a 10 meter buffer around the footprint; 50 acres of surface conditioning corridors inclusive of a 10 meter buffer; clearance below detection depth for several trenches; disposal of range residue and hard targets; and construction support. In addition, USA provided anomaly avoidance escorts for the cultural and biological monitors as they inspected grids after completion of clearances and inspected demolition craters after demolition operations. The munitions response for this project was performed under firm fixed price.



USA cleared 230 acres of subsurface within the BAX construction footprint and lava surface conditioning corridor. During these efforts, 251,750 subsurface anomalies were excavated. USA located, identified, and disposed of 83 UXO items, 36 Discarded Military Munitions (DMM) items, and 36 Munitions Debris (MD) items. UXO encountered ranged from one intact hand grenade to 105mm training projectiles. USA also accomplished the shipment of 23,923 pounds of MD to a subcontractor for demilitarization. USA found no MEC items during clearance of approximately 1,528 meters along the five transects. Despite treacherous footing in the rough a'a lava fields of PTA, USA finished the clearance tasks on schedule with zero lost work days due to accidents.

Range Removal/Construction Support, Ft. Hood, TX



This task order was funded through the current Munitions Response Contract with USAESCH and executed by USACE, Ft. Worth District (CESWF). This was a firm fixed price task order and contained multiple requirements and a number of logistical challenges to meet a very tight schedule. The CESWF tasked USA to provide range removal and construction support to remove all explosive hazards and substantially intact ordnance items on the surface of approximately 35 acres and subsurface clearance of approximately 20 acres of the construction footprint of

the Scout Qualification Range (SQR) at Ft. Hood. USA located and disposed of 93 UXO and 18 Discarded Military Munitions (DMM) items in eight explosives disposal operations during the surface and subsurface clearance. All Munitions Debris (MD) was inspected in accordance with Military Munitions Center of Expertise (MMCX) Interim Guidance Document 06-08, and loaded into a locked storage container furnished by Fort Hood Range Control. The MD recovered during field effort, estimated at 13,267 lbs, was certified by the Senior UXO Supervisor (SUXOS) and verified by the CEHNC OE Safety Specialist, as being free from explosive hazards. Throughout site operations USA performed quality control inspections. USA's UXO Quality Control Specialist (UXOQCS) conducted inspections of all grids, and all were checked and accepted by the Government. The government furnished a roll-off container, in which we stored MD. During the project, USA interfaced with Fort Hood Range Control to coordinate our work with their range training schedule, and to transfer certified MD over to them at the end of the project. In addition, USA provided special training for our MEC clearance teams in operation of the Minelab II detector. Field operations were completed ahead of schedule and within budget.

Munitions Response/Construction Support, Ft. Benning, GA

USA provided munitions response and construction support for activities related to the construction of the proposed Infantry Platoon Battle Course (IPBC), located at Fort Benning, GA for USAESCH. USA was tasked to perform a surface and subsurface clearance of the 28 acre IPBC construction footprint. A total of 24 UXO personnel were on site, including a Senior UXO Supervisor (SUXOS), UXO Safety Officer, UXO QC Specialist, and UXO Technicians. USA discovered and destroyed 79 UXO items as part of this munitions response effort, including 2.36" Rockets, 81mm HE Mortars, and 85mm HE.



Approximately 3,082 pounds of non-ordnance scrap and 6,139 pounds of scrap were certified free of explosives, placed in containers, and shipped off site for disposal. To save project cost, USA negotiated lower rates for hotel stays based on the amount of personnel staying and also negotiated a discount for all scrap disposed for this effort. The removal action was completed prior to the scheduled completion date.



Range Residue/Scrap Removal - Within or adjacent to the operating area, the UXO Teams established temporary scrap collection points. During operations, scrap items that were free of explosives were placed into these collection points. The UXO Technician III team leader and a UXO Technician II inspected scrap loaded for disposal from the collection points prior to transfer to scrap containers. As the material was loaded, the SUXOS and UXOQCS performed a second inspection of the material to ensure it was free of explosives and other hazardous materials. After inspection, certification and packaging, all MEC-related

scrap and range residue was transferred to Knight Scrap Material Company of Columbus, Georgia, for future disposal. All MEC-related scrap encountered during this munitions response action was destroyed off site and all transfers of MEC were documented using chain of custody procedures.

UXO Support for Construction, Camp Hansen, Okinawa, Japan

This project was for MEC/UXO location and removal for a construction site. USA performed range clearance and construction support including subsurface MEC removal for the new construction of Range 4 in the Camp Hansen Training Range Complex, Okinawa, Japan. Range 4 is a newly designed range being built on Camp Hansen Training Range Complex in an area that was previous used as a Target Butt for a small arms range. The scope covered approximately 8 acres of UXO footprint clearance for range construction, excavation of 500 previously mapped anomalies, and UXO avoidance on an additional 4 acres.



USA safely located, identified, and turned over for disposal 31 UXO items and disposed of over 150 pounds of munitions debris. UXO items included 81mm Mortars, 40mm HE, and 40mm Practice Grenades. Munitions Debris (MD) and Material Potentially Presenting an Explosive Hazard (MPPEH) were turned over to Range Control for demilitarization and disposal by installation EOD personnel. For this project, USA provided rapid deployment of personnel in order to perform MEC removal prior to the construction contractor commencing activities e.g. land survey. USA deployed additional personnel within 2 weeks of expanded construction support requirements to this OCONUS site. USA provided safety support to construction crews, consisting of daily safety briefings, MEC recognition, and safe work practices. In addition, USA performed UXO escort for surveyors, vegetation removal, and maintenance crews. USA provided a Work Plan, a Site Specific Safety and Health Plan, and upon completion of the project, a Final Report. The project was successfully completed in December 2004.