



A Native American-owned certified 8(a) Small Business

Innovation through Integrated Services: Robotics & Munitions Response Operations

Robotics Fabrication, Inc. (RFI)
USA Environmental, Inc. (USA)



A Small Business

Key Capabilities

Since 2011, RFI's primary focus is safe and efficient munitions removal.

- Perform robotic/armored remote operations for sifting, earth moving, vegetation removal, raking, etc.
- Maintains an arsenal of remote-control heavy equipment
- Experienced leadership with a robust cost-control system
- Depth of experience in design, production, operation, and maintenance of robotic platforms

Since 1998, USA performs MMRP investigation and remediation worldwide.

- Full Service Small Business MMRP Contractor
- 18 Years of Work Experience CONUS and OCONUS
- Huntsville SB Prime Contractor since 1998
- Successfully contracted and performed 850 MMRP projects/Task Orders
- Safety completed nearly 7 million MEC-related man-hours

Joint Work Experience

Since January 2015, RFI and USA have jointly performed the following robotic and munitions response operations at the Former Vieques Naval Training Range and Naval Activity Puerto Rico

- Excavated and sifted 23,022 cubic yards of soil potentially containing explosive hazards, removing 21,300 lbs of MPPEH and debris items
- Remotely cut 10 acres of heavy vegetation within a high risk submunition area, allowing personnel to access and safely dispose of 11,805 lbs of submunitions and other MEC items
- Utilized an excavator-mounted magnet to remove and relocate over 30 MK-80 series HE filled bombs to allow for subsequent disposal
- Performed robotic intrusive investigation of 1,262 anomalies along roads and beaches, to include successfully excavating anomalies at beach locations with significant water intrusion



Robotic Sifting



Robotic Vegetation Removal



Robotic Magnet Material Separation

Teaming Arrangements

- ◆ \$95M NAVFAC Southwest IDIQ Range Sustainment ERS – Won
- ◆ \$95M Vieques and Worldwide SATOC – Won
- ◆ \$235M NAVFAC Pacific IDIQ MMRP ERS – Bid 7/2016
- ◆ \$40M USAESCH Robotics Program SATOC – Teamed
- ◆ \$450M USAESCH IDIQ SB MMRP contract – Teamed

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