

National Association of Ordnance Contractors Guam Briefing

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NAOC Introduction

- ❑ NAOC is an industry trade association representing 86 companies who perform services addressing munitions and explosives of concern (MEC).
- ❑ We recognize the timely need of completing construction initiatives to support the relocation of USMC forces to Guam.
- ❑ NAOC's member companies have the comprehensive experience and depth of technical expertise to support the challenges associated with MEC on Guam.
- ❑ NAOC can provide immediate support.

NAOC Objectives

- ❑ NAOC is heavily involved in all aspects of munitions response. Our objectives are to:
 - ❖ Be the collective voice for the munitions response industry
 - ❖ Partner with Government to promote efficient, quality project execution throughout the US and its territories
 - ❖ Lobby Congress to protect MMRP program funding and discuss appropriate acquisition strategy for remediation work
 - ❖ Be a leader in the development and application of MEC detection technology
 - ❖ Provide insight and review guidance and regulations related to explosives safety and quality procedures for munitions response

Our Business Profile

- ❑ **18 Large Businesses:** over 500 employees
- ❑ **34 Small Business:** less than 500 employees
- ❑ **34 Very Small Businesses:** Less than \$5M in revenue
- ❑ **Our small business profile includes:**
 - ❖ SDB = Small Disadvantaged Business
 - ❖ VOSB = Veteran-Owned Small Business
 - ❖ SDVOSB = Service Disabled Veteran-Owned Small Business
 - ❖ WOSB = Women-Owned Small Business
 - ❖ Minority Owned SB = Minority-Owned Small Business
 - ❖ ANC = Alaskan Native Corporation
 - ❖ NHO = Native Hawaiian Organization
- ❑ **We are a broad community of professionals, each with significant contributions to the munitions response field.**

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NAOC Members' Services

- ❑ NAOC provides comprehensive munitions and explosives of concern (MEC) services:
 - ❖ MEC detection, management and disposition
 - ❖ Construction support and removal actions
 - ❖ Site characterization and remediation
 - ❖ Engineering evaluations, cost analysis
 - ❖ Geophysical surveying and data analysis
 - ❖ Environmental sampling and analysis, contamination assessments
 - ❖ Regulatory coordination
 - ❖ Reporting

NAOC Professionals

- ❑ NAOC Member Companies are composed of:
 - ❖ UXO-certified professionals: UXO Safety, UXO Quality Control, UXO Technicians Levels I - III
 - ❖ Engineers
 - ❖ Geophysicists
 - ❖ Environmental Scientists
 - ❖ Policy analysts
 - ❖ Quality experts
 - ❖ Analytical laboratories...and more

- ❑ NAOC will harness this knowledgebase serve your needs on Guam. We are your link to technical solutions for munitions response on Guam

- ❑ Link to our member listing: www.naoc.org

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NAOC's Understanding of the MEC-Related Challenges on Guam

- ❑ Time: Urgent need for readiness to support USMC Force realignment to Guam
- ❑ Reseeding of MEC due to construction: Potential for MEC to have been moved to different locations on Guam
- ❑ Construction support approach: soil removal in layers based on the size of target of interest
- ❑ Explosives Safety Requirements
- ❑ Exclusion Zones over populated areas
- ❑ Need for MEC-qualified labor

Recommendations from NAOC

NAOC Member Companies working on Guam have made the following observations/recommendations. There is a perceived need for:

- ❑ Precise Quality Assurance metrics/procedures
 - ❑ Explosives Safety Submission metrics can be confusing for contractors
 - ❑ Establish a government Quality Assurance Surveillance Plan for Government Quality Assurance Personnel to measure contractor's performance
- ❑ Consistent messaging on regulatory requirements, processes and procedures amongst services, contracting officers, construction contractors
 - ❑ Contracts often have inconsistencies and many unknowns - resulting in significant impacts on schedule and budget
 - ❑ Contractors talk – inconsistent messaging causes confusion and miscommunication
 - ❑ Consistent, concise contracting language for implementation of work and quality assurance will provide clarity and increase schedule/cost efficiency

Recommendations from NAOC

- ❑ Consideration of advanced detection technologies to characterize and reduce construction footprints
 - ❖ DoD developed advanced geophysical classification (AGC) program to improve the efficiency of cleaning up munitions and to focus its resources on addressing the potential explosives safety risks at munitions response sites.
 - ❖ NAOC has 9 member companies that completed the are DoD Advanced Geophysical Classification Accreditation Program (DAGCAP)
 - ❖ <http://www.denix.osd.mil/mmrp/advanced-geophysical-classification-accreditation-and-other-tools/>.

Recommendations from NAOC

- ❑ Consideration of other innovative detection technologies
 - ❖ Drones for aerial coverage
 - ❖ Robotics for vegetation clearance
 - ❖ Underwater MEC detection and disposition strategies
- ❑ Reconsider the removal strategy
 - ❖ OP-5 Requirement for performing MEC clearance in layers adds significant cost and schedule impacts
- ❑ Require Geographic Information Spatial Standards to be a part of construction contracts on Guam.
 - ❖ Eliminate rework of areas that have been previously cleared of MEC

Recommendations from NAOC

- Revised contract approach:
 - ❖ MEC components are intermingled with construction contracts; resulting in financial and schedule risk to MEC contractors
 - ❖ Preference is stand-alone MEC contracts
- Development of a comprehensive conceptual site model
 - ❖ Guide risk management decisions and long term management solutions for future users

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