

# -ARCHITECT - ENGINEER QUALIFICATIONS

## PART I - CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

1. TITLE AND LOCATION (*City and State*)

2. PUBLIC NOTICE DATE

3. SOLICITATION OR PROJECT NUMBER

### B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

LeRoy Moore, President

5. NAME OF FIRM

UEG, Inc. dba Unitek Environmental-Guam

6. TELEPHONE NUMBER

(671) 565-3151

7. FAX NUMBER

Fax (671) 565-3391

8. E-MAIL ADDRESS

unitek@ite.net

### C. PROPOSED TEAM

(Complete this section for the prime contractor and all key subcontractors.)

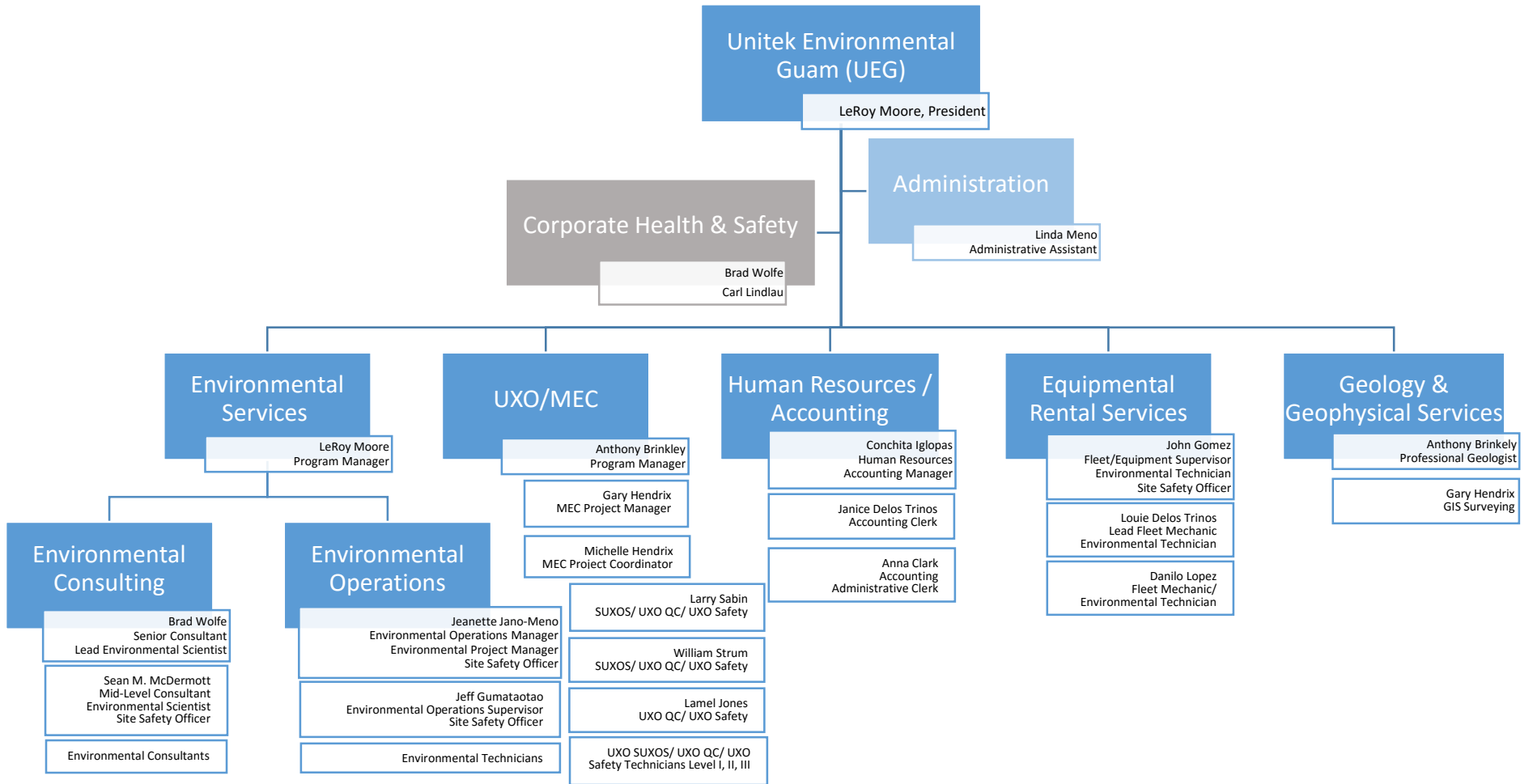
	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
a.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<u>UEG, Inc. dba Unitek Environmental-Guam</u> <input type="checkbox"/> CHECK IF BRANCH OFFICE	<u>P. O. Box 24607</u> <u>Barrigada, Guam 96921</u>	Sub Contractor
b.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
c.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

(Attached)



# ORGANIZATIONAL CHART 2016



**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <i>LeRoy Moore, President</i>	13. ROLE IN THIS CONTRACT <i>UEG Project &amp; Program Manager</i>	14. YEARS EXPERIENCE	
		a. TOTAL <i>27</i>	b. WITH CURRENT FIRM <i>26</i>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <i>UEG, Inc. dba Unitek Environmental-Guam</i> <i>Agat, Guam</i>			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> A.A. <i>General Education, Gulf Coast Community College</i> B.S. <i>Physical Science, University of Guam (P)</i>		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> <b>Environmental Professional, National Association of Environmental Professionals, OSHA HAZWOPER 40 HR, 8HR Supervisor, Confined Space, Forklift, Ammonia</b>	

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

- **Project Management:** 24 years direct project management experience for all phases of environmental services as Senior Consultant, Division Manager, and President
- **Site Assessments:** Performed and supervised multiple surface/subsurface soil and groundwater investigations, including site use history research, advancement of soil borings, installation of monitoring wells, collection of soil and groundwater samples, and hydrogeologic studies to determine lateral and vertical extents of contamination. Advanced over 300 soil borings for the purpose of soil sample collection, and installation of monitoring wells and collection of groundwater samples. Performed multiple Phase I Real Estate Assessments, SPCC Plans, Environmental Impact Studies, Health and Safety Plans, NPDES Permitting and Compliance.
- **Site Remediation:** Performed and supervised remedial activities, including soil excavation, soil aeration, soil bioremediation, soil disposal, soil encapsulation, groundwater free product recovery, carbon filtration of groundwater, air sparging of groundwater. Specific site remediation projects include Project Manager for Queen Emmalani Tower 3,135 cy, GPA Toto Pipeline Release, Orote Power Plant, 7,500 cy, Waterpark Towers 2,000 cy, NASA Tracking Station 90 cy, SeaLand 60 cy
- **Health Risk Assessments:** Performed and supervised generation of health based risk assessments for contaminants, including toxicity and exposure assessments as well as risk characterization.
- **Hazardous Waste Management:** Performed and supervised all aspects of hazardous waste management for TSCA and RCRA regulated materials including: sampling and identification; repackaging for transportation; classification; manifesting; storage; land and ocean transportation; and disposal coordination. Performed and supervised emergency response activities to releases of hazardous wastes and materials which threatened human health and the environment. Additionally, conducted site surveys for waste minimization and to ensure regulatory compliance.
- **Underground Storage Tank Closure Studies:** Performed and supervised underground storage tank closure studies at multiple tank sites throughout Hawaii and Guam.
- **Publications/Presentations:**  
Moore, L., 1992, "Degradation of Non-Volatile Petroleum Hydrocarbons via Enzyme Enhanced Compositing," Pacific Basin Conference, Bangkok, Thailand.;  
Moore, L., 1991, "Enzyme Activated Bioremediation of Contaminated Soils," Pacific Basin Conference, Honolulu, HI.

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> Remove Contaminated Soil at the Former USCG Loran Station Site at Cocos Island, Guam	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE .	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

<b>d.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>e.</b>	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE	<input checked="" type="checkbox"/> Check if project performed with current firm	

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
1

21. TITLE AND LOCATION <i>(City and State)</i> Ibanez Project Site Remediation, Toto, Guam (Formerly Utilized Defense Site – (FUD))	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER US Army Corps of Engineers (MATOC)	b. POINT OF CONTACT NAME Thomas Maruyama	c. POINT OF CONTACT TELEPHONE NUMBER 808-438-3792
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam Teamed with Wil-Chee Planning, Inc. to perform the site remediation of the Ibanez Project Site, Toto, Guam for Site Investigation and Remediation of identified hazardous materials. This contract was executed under the Multiple Award Task Order Contract (MATOC) Environmental Services, U.S. Army Corps of Engineers, Various Pacific Locations.

Unitek was contracted for the project planning, removal, containerization, transportation and disposal of 1,800 cubic yards of contaminated soil at the former US Army Maintenance Depot, Toto, Guam. The site is now located at the Ibanez family compound in a residential area of Guam following turnover of the property to the original landowners. Performance of site remediation activities at this site required extensive community outreach efforts by Unitek to minimize impacts to quality of life conditions for the Ibanez family during the remediation efforts. The site was used as a post WWII vehicle maintenance area with an adjacent pit used for dumping of various waste. As a result, soils in the landfill were impacted with low level PCBs, heavy metals and petroleum.

Unitek mobilized all necessary equipment and materials to the site including 108 20 foot seavans for transport of the waste. Work and exclusion zones were established at the site to ensure site security and safety. Site engineering controls were implemented to ensure the surrounding residential areas were not affected by the remedial efforts. Vegetative clearing was performed prior to excavation and site surveying. Unitek then excavated 1,800 cubic yards of lead/mercury/petroleum and low level PCB contaminated soil and packaged the material into 1 cubic yard bulk sacks. All contaminated soil was loaded into seavans and transported to a US mainland EPA approved disposal facility.



Project Cost \$2,106,766.00. Duration, 2 Months. Subcontractor. No Bond.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Wil Chee Planning	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime
b.	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Subcontractor
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  2
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21. TITLE AND LOCATION <i>(City and State)</i> Edoni Landfill Project Site Remediation, Saipan, CNMI (Formerly Utilized Defense Site – (FUD)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER US Army Corps of Engineers (MATOC)	b. POINT OF CONTACT NAME Thomas Maruyama	c. POINT OF CONTACT TELEPHONE NUMBER 808-438-3792
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam Teamed with Wil-Chee Planning, Inc. to perform the site remediation of the Former Edoni Landfill Project, Saipan, CNMI for Site Investigation and Remediation of identified hazardous materials. This contract was executed under the Multiple Award Task Order Contract (MATOC) Environmental Services, U.S. Army Corps of Engineers, Various Pacific Locations.

Unitek was contracted for the project planning, removal, containerization, transportation and disposal of 1,672 cubic yards of contaminated soil at the former US Army Maintenance Depot.

The project site is located in remote area of Saipan, CNMI with significant logistical issues. The site was used as a post WWII vehicle maintenance area with an adjacent quarry. Various wastes were thrown into the quarry and burned over a period of years and backfilled. As a result, soils in the landfill were impacted with low level PCBs, heavy metals and petroleum.

Work and exclusion zones were established at the site to ensure site security and safety. Site engineering controls were implemented to ensure the surrounding jungle and residential areas were not affected by the remedial efforts. Vegetative clearing was performed prior to excavation and site surveying. Unitek then excavated over 1,000 cubic yards of lead contaminated soil and transported this contaminated soil the Marpi Landfill on Saipan for disposal. Unitek personnel concurrently packaged into 1 cubic yard bulk sacks over 662 cubic yards of PCB contaminated soil for transportation. All contaminated soil was loaded into seavans and transported to a US mainland EPA approved disposal facility.

Upon project completion, the site was then restored for turn-over the CNMI government for use as a residential housing area.

Project Cost \$2,287,231.00. Duration, 5 Months. Subcontractor.  
No Bond



**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Wil Chee Planning	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Subcontractor
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  3
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21. TITLE AND LOCATION <i>(City and State)</i> Remove Contaminated Soil at the Former USCG Loran Station Site at Cocos Island, Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER United States Coast Guard	b. POINT OF CONTACT NAME Bonnie Hoe, Contracting Officer	c. POINT OF CONTACT TELEPHONE NUMBER 808-535-3473
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*  
Unitek Environmental Guam was contracted for the project permitting, planning removal action, containerization and disposal of 381 cubic yards of PCB impacted soil and transformers at the former USCG Loran Station Site at Cocos Island, Guam as well as remediation verification, under US Coast Guard Contract HSCG86-07-C-6XA409. Cocos Island is a remote island located approximately 2 miles off the southern coast of Guam and access to site is only by boat.

For this project, Unitek generation of all necessary plans and reports including Site Work Plan, Site Safety & Health Plan, Environmental Protection Plan, Erosion Control Plan, Archaeological Resources Protection Plan, Sampling and Analyses Plan, Vegetation Plan, Bio Security Plan and Final Remedial Verification Report approved by USCG and Guam regulatory agencies.

To perform this project, Unitek mobilized necessary equipment and materials to the site via landing craft. Work and exclusion zones were established at the site to ensure site security and safety. Site engineering controls were implemented to ensure the surrounding jungle and ocean environments were not affected by the remedial efforts. Vegetative clearing and mulching was performed prior to excavation and site surveying. Unitek then excavated approximately 318 cubic yards of PCB contaminated soil and sand and packaged the contaminated materials into 1.5cy bulk lift bags for transportation. All excavation activities were supervised for archaeological resources and to ensure protection and documentation of any archaeological finds. Following initial excavation activities, field sampling was performed with immunoassay test kits to document the effectiveness of the removal procedure and to document PCB levels within excavated packaged soils.

Verification soil samples were also collected and submitted to the laboratory for PCB analyses. Results of analyses indicated several "hot spots" requiring additional excavation and sampling and analyses. Two separate hot spot excavation and sampling events were performed until laboratory analyses indicated that the cleanup goal of 1ppm PCB had been reached throughout the site. A total of 381 cubic yards of PCB impacted soil and two 55 gallon drums of PCB contaminated electronics were removed from the site. All contaminated material was transported over water via landing craft to Guam where the material was loaded into seavans and transported to a US mainland EPA approved disposal facility. Excavation areas at the site were then backfilled with clean native soil and vegetation replanted to restore the site.



The US Coast Guard rated Unitek's performance on this project as Excellent with its Contractor's Performance Report.

Unitek's experience with this project directly relates to Engineering Technical Services in support of the Navy's Environmental Restoration Program with preparation of remediation plans, environmental remedial actions for toxic waste, environmental cleanup and environmental compliance with specialized demonstrated experience in Pacific environments and ecosystems.

Project Cost \$961,339.12 Duration, 1 Year. Prime Contractor (performed 60% of contract directly). Bonded.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME Element Environmental, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Subcontractor
<b>c.</b>	(1) FIRM NAME PHRI Archaeological	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Subcontractor



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  4
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21. TITLE AND LOCATION <i>(City and State)</i> Former Lonfit Planning Project Site Investigation (Formerly Utilized Defense Site – (FUD)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Army Corps of Engineers (MATOC)	b. POINT OF CONTACT NAME Thomas Maruyama	c. POINT OF CONTACT TELEPHONE NUMBER 808-438-3792
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam Teamed with Wil-Chee Planning, Inc. to perform the site investigation remediation of the Former Lonfit Planning Project (FUD site H09GM030000) Site Investigation and remediation of identified hazardous materials. This contract was executed under the Multiple Award Task Order Contract (MATOC) Environmental Services, U.S. Army Corps of Engineers, Various Pacific Locations.

For this project, Unitek provided heavy equipment, and 40 hour trained Hazmat technicians and operators to clear vegetation and performed site inspections to identify Areas of Concern within the approximate 0.65 square mile FUD site. Unitek performed exploratory trenching for soil sampling at approximately 20 locations across the site. Items identified, which were deemed an immediate threat as sources for further site contamination, were contained and/or removed from the site and properly disposed during the Site Investigation activities.

Unitek performed disposal services for this project including removal of all liquids and tank bottom waste from five (5) abandoned above ground storage. Various unknown drums of waste were tested for hazardous waste determination. A total of approximately 4000 gallons of petroleum waste liquid, 4800 pounds of tank bottom waste, and 6700 pounds of hazardous waste was removed and disposed from the site during the project. A provisional RCRA ID number was obtained from Region 9 EPA for disposal of the Hazardous Waste from the site. The subject waste was properly labeled, profiled, manifested and loaded and transported from Guam to a US mainland EPA approved disposal facility.

Unitek also performed enhanced bioremediation of approximately 100 in-place cubic yards of petroleum contaminated soils at this location. In-place contaminated soils were excavated and mixed with a fertilizer/bioremediation mixture. The subject soil was then tilled and moisturized. This bioremediation effort is considered a long-term remediation effort and reapplication of fertilizer/bioremediation mixtures are scheduled for 2013/2014.



Project Cost \$125,00.00. Duration, 19 Months. Team Member.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Wil Chee Planning, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Team Member
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>5</b>
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21. TITLE AND LOCATION <i>(City and State)</i> PCB Filter Cake Transportation and Disposal, Naval Station Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2008	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER U.S. Navy / Environmental Chemical Corp	b. POINT OF CONTACT NAME Michael Stout	c. POINT OF CONTACT TELEPHONE NUMBER 671-339-4108
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam was retained for the transportation and disposal of 220 tons of PCB containing filter cake generated from thermal treatment operations for PCB contaminated soils by Environmental Chemical Corp at Naval Station Guam.

Activities performed by Unitek included profiling, labeling, placarding, and manifesting all waste for disposal. Unitek removed the subject waste from Naval Station, trans-loaded the filter cake into seavans, and transported the waste to a US mainland EPA approved disposal facility.

Unitek's experience with this project directly relate to Engineering Technical Services in support of the Navy's Environmental Restoration Program with specialized and demonstrated experience with hazardous/toxic waste in Pacific environments.

Project Cost \$289,854.80. Duration, 3 Months.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Sub Contractor
<b>b.</b>	(1) FIRM NAME Environmental Chemical Corp	(2) FIRM LOCATION <i>(City and State)</i> Naval Station Guam	(3) ROLE Prime
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>d.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>e.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>f.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
6

21. TITLE AND LOCATION *(City and State)*  
 MEC Clearance and Remediation for the North Ramp Utility and Duct Bank located at Andersen Air Force Base Guam

22. YEAR COMPLETED  
 PROFESSIONAL SERVICES  
 2013  
 CONSTRUCTION *(If applicable)*

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  
 Naval Facilities Engineering Command  
 Marianas

b. POINT OF CONTACT NAME  
 Doris Castro, Contracting Officer  
[Doris.Castro@fe.navy.mil](mailto:Doris.Castro@fe.navy.mil)

c. POINT OF CONTACT TELEPHONE NUMBER  
 (671) 339-8465

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*  
 Unitek Environmental Guam was awarded a MEC (Munitions and Explosives of Concern) Clearance contract Task Order 3 for the US Naval Facility Command Marianas North Ramp Utility and Duct Bank located at Andersen Air Force Base Guam. This project task order awarded under the N40192-10-D-0007, Munitions And Explosives of Concern (MEC) Multiple Award Contract (MAC), Various Locations Guam and the Pacific Ocean area, a 5 year \$50,000,000.00 contract.

For this project, Unitek developed all the elements of the DGM Work Plan, Intrusive Work Plan including Accident Prevention Plan, Site Safety & Health Plan, Environmental Protection Plan, Quality Control Plan and Community Outreach and Traffic Control Plan to meet the needs of the Joint Region Marianas Guam Explosive Safety Submittal (ESS). Significant coordination was required as intrusive activities associated with this project impacted active commands on the base. Field intrusive activities for over 50% of the 36 acres included performance of intrusive work at night.

Unitek performed Digital Geophysical Mapping (DGM) to map magnetic anomalies under the ground surface to aid in the planning for MEC clearance activities. DGM uses the latest technologies in all-metal electromagnetic detection equipment linked to real time Global Positioning System equipment to create a high resolution map that can be linked directly to Geophysical Information System databases. The resultant map can be used by the MEC contractor, construction contractor and NavFac planning personnel to accurately identify anomalies in the construction site.



Clearance of the MEC included detection and excavation of over 15,000 anomalies identified from the DGM process. Unitek used MEC Clearance Teams staffed with UXO qualified personnel using the Department of Defense Explosive Safety Board standards which are used as the standard throughout the MEC remediation industry. Clearance teams grid the site, excavated and examined MEC encountered and took action as necessary to remove the MEC item from the project site or coordinate render safe procedures with Navy Explosive Ordnance Disposal teams to address the hazard. Once the site had been cleared to construction depth or bedrock, the site was turned over to the construction contractor as low probability and the construction contractor proceeded with construction.



The project was completed on time and on-budget for a total amount of \$3,409,700.

Project Cost \$3,409,700 Duration, 1 Year, 9 months. Prime Contractor

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Unitek Environmental Guam	Barrigada, Guam	Prime
b.	USA Environmental	Tampa, Florida	Subcontractor
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE



<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  7
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21. TITLE AND LOCATION <i>(City and State)</i> MEC Clearance and Remediation for North Tiapalo Housing Project, Naval Base Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Naval Facilities Engineering Command Marianas	b. POINT OF CONTACT NAME Doris Castro, Contracting Officer <a href="mailto:Doris.Castro@fe.navy.mil">Doris.Castro@fe.navy.mil</a>	c. POINT OF CONTACT TELEPHONE NUMBER (671) 339-8465
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam was awarded a MEC (Munitions and Explosives of Concern) Clearance contract for the US Naval Facility Command Marianas project to replace 30 housing units in the North Tialao neighborhood located at Naval Base Guam. This project was the first task order awarded under the N40192-10-D-0007, Munitions And Explosives of Concern (MEC) Multiple Award Contract (MAC), Various Locations Guam and the Pacific Ocean area, a 5 year \$50,000,000.00 contract.

For this project, Unitek developed all the elements of the Work Plan including the Accident Prevention Plan, Site Safety & Health Plan, Environmental Protection Plan, Quality Control Plan and Community Outreach and Traffic Control Plan to meet the needs of the newly developed Guam Explosive Safety Submittal. In several areas, these plans were the first ever developed for NavFac Marianas to meet the needs of the newly developed Guam Explosive Safety Submittal (ESS). A significant part of the planning involved protection of the public through a detailed plan using a combination of evacuation, scheduling, education of the public and management of traffic through the immediate area.

Unitek also planned and conducted Digital Geophysical Mapping (DGM) to map magnetic anomalies under the ground surface to aid in the planning for MEC clearance activities. DGM uses the latest technologies in all-metal electromagnetic detection equipment linked to real time Global Positioning System equipment to create a high resolution map that can be linked directly to Geophysical Information System databases. The resultant map can be used by the MEC contractor, construction contractor and NavFac planning personnel to accurately identify anomalies in the construction site.



Clearance of the MEC included detection and excavation of over 4,000 anomalies identified from the DGM process. Unitek used MEC Clearance Teams staffed with UXO qualified personnel. Clearance teams grid the site, excavated and examined MEC encountered and took action as necessary to remove the MEC item from the project site or coordinate render safe procedures with Navy Explosive Ordnance Disposal team to address the hazard. Once the site had been cleared to construction depth or bedrock, the site was classified as low probability and turned over to the construction contractor for construction.

The project was completed on time and on-budget for a total amount of \$438,518.89.

Project Cost \$438.518/89 Duration, 1 Year. Prime Contractor

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Prime
b.	(1) FIRM NAME AMPRO UXO	(2) FIRM LOCATION <i>(City and State)</i> Yona, Guam	(3) ROLE Subcontractor
c.	(1) FIRM NAME USA Environmental	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Subcontractor

**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**  
*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
8

21. TITLE AND LOCATION <i>(City and State)</i> MEC Clearance and Remediation for Clearwater Rinse Facility, Andersen Air Force Base, Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Niking Corporation/Naval Facilities Engineering Command Marianas	b. POINT OF CONTACT NAME Clayton Tanaka	c. POINT OF CONTACT TELEPHONE NUMBER (808)-535-3473
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam was awarded a MEC (Munitions and Explosives of Concern) Clearance contract for the Clearwater Rinse Construction Project at Andersen Air Force Base Guam. The prime construction contractor, Niking Corporation, was retained to construction an Aircraft wash down and rinse facility at AAFB. Unique and challenging aspects of this project included performing DGM and MEC intrusive activities on an active runway area at AAFB.

For this project, Unitek developed all the elements of the DGM Work Plan and Intrusive Work Plan in accordance with the Joint Region Marianas Explosive Safety Submittal. Unitek conducted a high level of coordination with AAFB Air Traffic Control and Flight line operations to ensure MEC operations did not have an impact on airfield operations. Unitek personnel received flight line driver training and flight line safety training. Intrusive activities for this project were performed at night to minimize impacts to operational activities.

Unitek conducted Digital Geophysical Mapping (DGM) to map magnetic anomalies under the ground surface to aid in the planning for MEC clearance activities. DGM uses the latest technologies in all-metal electromagnetic detection equipment linked to real time Global Positioning System equipment to create a high resolution map that can be linked directly to Geophysical Information System databases. The resultant map can be used by the MEC contractor, construction contractor and NavFac planning personnel to accurately identify anomalies in the construction site.

Clearance of the MEC included detection and excavation of anomalies identified from the DGM process. Unitek used MEC Clearance Teams staffed with UXO qualified personnel using the Department of Defense Explosive Safety Board standards which are used as the standard throughout the MEC remediation industry. Clearance teams grid the site, excavated and examined MEC encountered and take action as necessary to remove the MEC item from the project site or coordinate render safe procedures with Navy Explosive Ordnance Disposal teams to address the hazard. Once the site was cleared to construction depth or bedrock, the site was classified as low probability and turned over to the construction contractor to proceed with construction.

The project was completed on time and on-budget for a total amount of \$368,805.



Project Cost \$438.518/89 Duration, 1 Year. Prime Contractor

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Prime
b.	(1) FIRM NAME USA Environmental	(2) FIRM LOCATION <i>(City and State)</i> Tampa, Florida	(3) ROLE Subcontractor
c.			

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  9
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21. TITLE AND LOCATION <i>(City and State)</i> MEC Clearance & Remediation for Ace Gate, Andersen Air Force Base, Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER Hensel Phelps Granite JV/Naval Facilities Engineering Command Marianas	b. POINT OF CONTACT NAME Justin Pryer, Project Manager, Hensel Phelps Granite. <a href="mailto:justin.pryer@gcinc.com">justin.pryer@gcinc.com</a>	c. POINT OF CONTACT TELEPHONE NUMBER 671-922-6007
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Unitek Environmental Guam was awarded a MEC (Munitions and Explosives of Concern) Clearance and Remediation contract for the Ace Gate Construction at Andersen Air Force Base Guam. The prime contractor, Hensel Phelps Granite JV, was retained by Naval Facilities Engineering Command Marianas for the construction of the Ace Gate Project consisting of new roadway, utilities and entrance gate for west side access to Andersen Air Force Base.

For this project, Unitek developed all necessary plans to meet the needs of the Joint Region Marianas Explosive Safety Submittal. Digital Geophysical Mapping of the site had been performed prior to Unitek's contract and a total of 10,000 anomalies were slated for investigation.

Unitek was also tasked to remove 20 acres of vegetation under the scope of work for the project. Per the Guam ESS rules, all vegetation must be cut via hand tools so that potential MEC/UXO is not disturbed. During vegetation removal, Unitek provided on-site UXO Technician's for anomaly avoidance. All cut vegetation, including large tree, was then chipped for later re-use at the site.

Clearance activities of the 10,000 anomalies identified from the DGM process were completed successfully and an additional 10 acres were added to Unitek's scope for MEC clearance where DGM activities did not map the site. Unitek performed Mag and Dig operations to clear these areas. Unitek used MEC Clearance Teams staffed with UXO qualified personnel. A significant portion of the MEC clearance activity required extensive coordination as explosive arcs required closure of a major Guam roadway during intrusive events. Unitek was able to complete the activity performing night operations with stop and go traffic controls for the road.

The project was completed on time and on-budget.



Project Cost \$1,018,000.00 Duration, 1 Year. Subcontractor

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

<b>a.</b>	(1) FIRM NAME Hensel Phelps Granite	(2) FIRM LOCATION <i>(City and State)</i> Tamuning, Guam	(3) ROLE Prime
<b>b.</b>	(1) FIRM NAME Unitek Environmental Guam	(2) FIRM LOCATION <i>(City and State)</i> Barrigada, Guam	(3) ROLE Subcontractor
<b>c.</b>	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  10
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21. TITLE AND LOCATION <i>(City and State)</i> 40mm Grenade Range MEC Clearance Munitions Response Site UXO 2A – Andersen Air Force Base, Guam	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER NavFac Marianas	b. POINT OF CONTACT NAME Mr. Gregg Ikehara	c. POINT OF CONTACT TELEPHONE NUMBER (671) 366-4692
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



The Munitions Response Site (MRS) UXO 2A project site is located in the Northwest Field area of Andersen Air Force Base, Guam. The site was used as a 40mm Grenade Range. The Munitions and Explosives of Concern (MEC) task performance was to perform full MEC Surface Clearance ahead of construction for the approximate 22.7 acre project for Naval Facilities Engineering Command, Marianas.

During the range clearance, several hundred partial 40mm grenade components were detected and removed by UXO Technicians using White's all metal detection equipment. The range clearance technical approach consisted of establishing 47 each 100 x 100 foot grids using a high resolution GPS positioning system. UXO Clearance crew consisting of a SUXOS, UXOQCS/Safety Officer and 6 UXO Technicians worked 4 foot wide lanes over the surface of each grid to accomplish MEC surface clearance using a Target of Interest of a 20mm projectile. All MEC/MPPEH and MD

encountered at the site that was determined safe to move by the SUXOS/UXOSO was examined and removed from the site.

A total of 5 armed 40mm grenades and an armed fuze component were identified as unsafe to move and were Blown In Place per current EOD procedures. Additional MEC items included a 250 pound target bomb and a 4 pound incendiary bomb which were determined safe to move and removed from the site and turned over to the Andersen AFB EOD team for disposal.

Due to the proximity of occupied buildings, current construction, and the active use of the service apron by the Red Horse Squadron, the MEC clearance schedule had to be flexible in order to cause as little impact on the surrounding activities as possible.

Project size: 22.7 acres. Scope: Remedial Investigation.  
Cost: \$275,328





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25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

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	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOM	Honolulu, Hawaii	Prime
b.	Unitek Environmental Guam	Barrigada, Guam	Subcontractor

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Brad C. Wolfe, Sr. Environmental Scientist</b>	13. ROLE IN THIS CONTRACT <b>Geologist/Environmental Scientist</b>	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 25
15. FIRM NAME AND LOCATION <i>(City and State)</i> UEG, Inc. dba Unitek Environmental-Guam Agat, Guam			
16. EDUCATION <i>(DEGREE AND SPECIALIZATION)</i> B.S. 1989 Earth Science, University of Wisconsin-Green Bay		17. CURRENT PROFESSIONAL REGISTRATION <i>(STATE AND DISCIPLINE)</i> OHSA HAZWOPER 40 HR, 8HR Supervisor, Confined Space, OSHA 30 hour safety Training, DOT HMT, Forklift, Confined Space 24-hr Competent Person, Phase 1 ASTM E1527-05/E1528-06 Trained, NGWA Groundwater Monitoring Well Design & Installation, NIOSH 582 Sampling and Analysis of Asbestos Airborne Fibers UST EZY Check 3 Certification, Steel Tank Institute AST Tank Inspector #AST R10129 Exp. 2015 AHERA Asbestos Inspector, Planner, Supervisor; Lead Worker	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i>			

**RELATED TRAINING AND EXPERIENCE:**

- **Project Site Supervisor/Site Safety Officer:** Project lead for numerous projects including, environmental inspections and investigations Underground Storage Tank closures, environmental restoration and removal actions, and emergency/spill response. Generated Work plans, Environmental Protection Plans, Health and Safety Plans, Hazard Analyses, Sampling and Analysis Plans, Quality Control Plans
- **Industrial Hygiene:** Perform building and property inspections. Perform abatement project over site, Air monitoring and exposure assessments for: Asbestos, Benzene, Lead, Mold, PCB and Petroleum contaminated sites. Confined space monitoring, Gas free testing and inspection, Indoor air quality assessment, Radon testing.
- **Environmental Permitting:** Air Pollution Control Permits for emergency generators and paint spray booth operations, Permitting of solid waste facilities, NPDES and UIC permitting, Excavation permits and utility clearances,
- **Environmental Consulting:** Provided consulting to include Storm Water Pollution, Underground Injection Pollution Control sampling and compliance, NPDES Sampling and compliance, SPCC Plans generation and compliance, UST/RCRA/TSCA inspections, OSHA inspection and compliance, Client training, Petroleum storage and pipeline facility compliance audits, Landfill inspections and monitoring.
- **Hazardous Materials Handling:** Performed identification, lab packing, sampling and repackaging of unknown and known hazardous wastes for transportation and disposal in accordance with EPA, OSHA and DOT regulations.
- **Underground Storage Tank Closure Assessments:** Supervision of tank excavation and environmental sampling (soil and groundwater). Interpretation of laboratory analytical data. Gathering site specific and surrounding land use historical data. Research and compile site surrounding vicinity geologic and hydrogeologic information. Report preparation.
- **Remediation of Petroleum Contaminated Soil and Groundwater:** Preparation and implementation of remediation work plans, Preparation of corrective action plans. Perform verification sampling. Implementation of treatment technologies including vapor extraction systems, free product recovery systems. Supervised remedial activities including excavation, soil aeration, soil bioremediation, in-situ treatments, bio-venting, pump and treat. Preparation of After Action Reports and closure assessments.
- **Environmental Assessments:** ASTM Phase I assessments, Phase II investigations, Phase III Removal actions.
- **Post Construction Award Services (PCAS)** Inspector for numerous Department of the Navy, Remedial Action sites during the Navy CLEAN II and III contact Periods. On-site representative to inspect work for conformance with project work plans, specifications and standards, PCAS reports to design engineers and Navy Technical Representative (NTR).
- **Underground and Above Ground Storage Tank Testing:** Conduct precision leak testing and inspections of petroleum storage tanks, associated piping, and appurtenances. Analyze and interpret data and generate testing/inspection reports.

19. RELEVANT PROJECTS			
	(1) TITLE AND LOCATION <i>(City and State)</i> Diesel Fuel Release Spill Response And Cleanup, Naval Hospital, Guam	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2014	CONSTRUCTION <i>(If applicable)</i>
a.	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>Geologist/SSO</b> responsible for coordinating spill response and cleanup efforts to remove affected soils from a 3000 gallon fuel release at the new Naval Hospital Construction Site in Guam. Performed field soil testing and guided soil excavation removal until cleanup goals were reached. Performed collection of soil verification samples and laboratory analysis to confirm successful cleanup. Removed and disposed of 859 cubic yards of contaminated soil from the site. Generated final after action report documenting successful cleanup and recommendations for in-situ treatment of diesel impacted soils left in-place under government property for submittal to Guam EPA for approval. Project Cost \$534,000.00 Duration, 2 weeks.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>

County Club of the Pacific PCB Transformer Characterization, Disposal and Cleanup		2014	
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <b>Geologist/SSO</b> for Toxic Substances Control Act (TSCA) regulated removal Action for removal and disposal of three leaking pad mounted PCB transformers. Generated Work Plan, Sampling and Analysis Plan and Health and Safety Plans for submittal to US EPA Region 9 and Guam EPA approval. Performed containerization of PCB oils, securing of the site, disposal of transformers/oil, contaminated pads/soil and performed characterization and confirmation sampling per TSCA. Documented successful cleanup of the site in a Remedial Verification Report. Project Cost \$250,000 Duration, 6 months.		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION ( <i>City and State</i> ) Post Construction Award Services (PCAS) Inspector Department of the Navy		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2001-2010	CONSTRUCTION ( <i>If applicable</i> )
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE <b>2001/2010-Post Construction Award Services (PCAS) – Site Inspector/Quality Control</b> c. Perform contract over site for the Department of the Navy on various projects on Guam during NAVY CLEAN II and III contract periods. On-site rep. to inspect work and report to the design engineers / Navy Technical Representative (NTR) for: Consolidation and construction of the former Naval Air Station Agana Landfill, 2001-2004. Fees approx \$120,000.00. Removal Action at Lower Sasa fuel Burning Pond, March 2007- September, 2008. Fees approx \$25,000.00. Removal Action at the Former Building 3009 PCB site. April – Sept., 2007-July, 2010 - Fees approx \$18,000.00. Removal Action Behind the SRF Fenceline Site, April, 2007 – September, 2008. Fees approx \$15,000.00. Pipeline Cleanup Former NEX Service Station, Building 15-46A, Former NAS, Jan. –Feb., 2009. Approx. \$4,000.00.		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION ( <i>City and State</i> ) Implementation of Work Plan for the Site Characterization of Power Plant 3, Isley Field, Saipan, CNMI		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION ( <i>If applicable</i> )
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE d. Lead Scientist and SSO for site investigation to characterize level and extent of contamination at the former CUC Isley Field Power Plant in Saipan. Work was performed under a USEPA Stipulated Court Order to bring the Commonwealth of the Northern Marianas Islands government agency, Commonwealth Utilities Corporation into environmental compliance. Coordinated permitting, utility and UXO clearances and performed surface and subsurface sampling for lab analysis via multi-incremental and discrete sampling protocols and generated final report with detailed data analysis, recommendations and corrective action plan. Project Cost \$149,812.00. Duration 3 months.		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION ( <i>City and State</i> ) Sediment Core Sampling and Characterization for Future Dredging at V, X, D, E, R, S, T, & U Wharves, Apra Harbor, Guam		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2010	CONSTRUCTION ( <i>If applicable</i> )
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE e. <b>Lead Scientist</b> for planning and collection and analysis of samples of bottom sediments along Victor, X-Ray, Delta, Echo Romeo, Sierra, Tango, Uniform, Wharves, Located in inner and outer Apra Harbor, Guam. Four-foot core samples were collected from sediments in 35-40 foot deep waters and a characterization report generated. Levels of contamination were determined for disposal planning of future dredging spoils. Project Cost \$50,000.00 Duration, 1 Month.		<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION ( <i>City and State</i> ) Phase I Environmental Site Assessment at the Port Authority of Guam		(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2009	CONSTRUCTION ( <i>If applicable</i> )
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE f. <b>Senior Environmental Consultant</b> for ASTM Standard Phase 1 Assessment for the Government of Guam, Port Authority Modernization Plan and Federal grant application required by National Environmental Policy Act (NEPA). Historical research of the Guam Port Authority property was performed back to 1898. The site was visually inspected and assessed for potential contamination including heavy metals, asbestos, PCBs, formaldehyde, pesticides, herbicides, haz. mat., solid waste, petroleum sources of contamination, radio activity, and munitions and explosives of concern (MEC) surface and underwater survey. Project Cost \$20,000.00 Duration, 1 Month.		<input checked="" type="checkbox"/> Check if project performed with current firm	

## Key Personnel

### E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME  Jeanette P. Jano-Meno	13. ROLE IN THIS CONTRACT  Environmental Operations Manager/Project Manager/ Environmental Consultant	14. YEARS EXPERIENCE <table border="1"> <tr> <td data-bbox="1177 233 1321 310">           a. TOTAL 16         </td> <td data-bbox="1321 233 1552 310">           b. WITH CURRENT FIRM 2 years         </td> </tr> </table>		a. TOTAL 16	b. WITH CURRENT FIRM 2 years
a. TOTAL 16	b. WITH CURRENT FIRM 2 years				
15. FIRM NAME AND LOCATION (City and State) UEG, Inc. dba Unitek Environmental Guam Agat, Guam					
16. EDUCATION (DEGREE AND SPECIALIZATION) B.S. Biology, Walla Walla University M.S. Environmental Science, University of Guam		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) 2004-2014 OSHA 40HR HAZWOPER/8HR Supervisor HAZWOPER; 2004-2014 Incident Command System 100, 200, 300, 400, 700 & 800, USCG/ NIMS/FEMA; 2004- present Transportation of Hazardous Materials (A-822- 0012) Navy Supply Corps School & UEG; 2014 Forklift; Phase 1 ASTM E1527-05-13/E1528-06 Training			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> <li>• <b>Program and Project Management:</b> 15 years direct project and program management experience for environmental compliance and operational services as Environmental Program Manager/Superintendent/Project Manager/RCRA SME for Joint Region Marianas: Naval Base Guam and Andersen Air Force Base, Government of Guam and private entities on Guam. Other project management in the following environmental compliance areas: HACCP, Toxics Substances (Asbestos, Lead-based paint, ODS &amp; Radon), Pollution Prevention and P2ADS, MMR, SPCC, NPDES, NEPA, EMS, OEL and FIFRA. Emergency management included designation as USN-representative Incident Commander for HAZMAT emergency response team for ashore chemical/oil spills and storm disaster preparedness and recovery; Munitions &amp; Explosives (MEC)/Unexploded Ordnance (UXO) project coordination and support</li> <li>• <b>Environmental Consulting:</b> Solid Waste, Hazardous Waste, Pollution Prevention, SWPP/NPDES, UIC, Air Pollution, HACCP, Construction project oversight</li> <li>• <b>Environmental Plans:</b> Environmental compliance plan development and updates – Solid and Hazardous waste; Contingency; SPCC; Stormwater Pollution Prevention; Pollution Prevention; Environmental Protection; Hazard Analysis Critical Control Points; Sampling &amp; Analyses Plans; Work Project Plans; Health &amp; Safety Plans</li> <li>• <b>Environmental Permitting:</b> RCRA Permits Air Pollution Control Permits for bulk storage tanks and emergency generators; Permitting of hazardous waste storage facilities and solid waste facilities and processing units; NPDES and UIC permitting</li> <li>• <b>Site Assessment:</b> 8 years program management groundwater monitoring program (US Navy Landfill) - performed and supervised groundwater monitoring and investigations, including site use history research, installation of monitoring wells, groundwater sample collections, and hydrogeologic studies to determine lateral and vertical extents of contamination; ASTM Phase I&amp;II ESA investigations</li> <li>• <b>Site Remediation:</b> 8 years direct program management experience Bioremediation Facility. Activities included soil excavation, soil aeration, soil bioremediation, and soil disposal (~6000CY). Specific site remediation projects include Project Manager for Navy/Air Force Toto Pipeline Release (~1000CY, 2005); various UST contaminated sites, Andersen Air Force Base (~500CY, 2011-2012)</li> <li>• <b>Health Risk Assessments:</b> Analyzed water, soil and plant tissue from wetland areas in Agat and Umatac, Guam and performed a statistical analysis to establish significant difference of trace- and heavy metal-uptake between the uplands and lowlands</li> <li>• <b>Hazardous Waste Management:</b> 15 years - Performed and managed all aspects of hazardous waste management for TSCA and RCRA regulated materials including: sampling and identification; repackaging for transportation; classification; manifesting; storage; land and ocean transportation; and disposal coordination</li> <li>• <b>Solid Waste Operational Management:</b> 7 years Compliance Program and 3 years SW Operations manager. Ensured compliance with all requirements of the Rules and Regulations for the GEPA Solid Waste Disposal and Title 40 CFR Parts 257/258, Sanitary Landfill Permit, OPNAVINST, Solid Waste Disposal Act, NEESA 5.0-004 (SW Management Plan Guide), SW Management Plan and Operational Manual, USDA Compliance Agreement, and USNHGUAMINST 6280.2B.</li> <li>• <b>Aboveground and Underground Storage Tank Programs:</b> SPCC Program manager – 2 years UEG; 8 years Naval Base Guam ASTs and 4 years Andersen Air Force Base. Ensured compliance with all requirements of the Clean Water Act (1972), Oil pollution prevention regulation (1973), and 40 CFR Part 112; Performed compliance audit of UST programs for American Samoa EPA and DEQ Saipan for US EPA. Program management - Andersen Air Force Base, Port Authority of Guam UST removals</li> <li>• <b>Publications/Presentations:</b></li> </ul>					

- o K, S., H, L., Jano-Edward, J., 2001, "Rainfall Erosivity Factors (R-FACTORS) for Selected Islands in the Federated States of Micronesia (FSM)", WERI Technical Report
- o Jano-Edward, J., 2001, "Leptospirosis", Man, Land & Sea
- o Jano-Edward, J., 2002, "Guam Retinal Pigment Epitheliopathy (GRPE) and the Amyotrophic Lateral Sclerosis/Parkinsonism-dementia Complex (ALS/PDC): The association of two unusual diseases of Guam and a possible clue to the etiology of neurodegenerative disorders", University of Guam
- o Jano-Edward, J. et al., 2009, "Trace Elements in Pandanus (*Pandanus tectorius*) from a Manganese-Enriched Wetland in Southern Guam: A Possible Lytico-Bodig Connection?" Journal of Toxicology and Environmental Health
- o Jano-Edward, J., 2003-2009, "RCRA Generator", Presentations to RTSG and DZSP21 colleagues and NBG tenants
- o Jano, J.P., 2010-2011, "RCRA Generator" and "Advanced RCRA", Presentations to DZSP21 colleagues and JRM tenants
- o Jano-Meno, J., 2013-2014, "RCRA Unravalled 2", Booz Allen Hamilton presentation to 36 CES/CEV and UOG

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION ( <i>City and State</i> )		(2) YEAR COMPLETED	
Remove hazardous waste from various clients, Guam		PROFESSIONAL SERVICES 2014-2016	CONSTRUCTION ( <i>If applicable</i> )
<b>a.</b>	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <span style="float: right;"><b>X</b> Check if project performed with current firm</span></p> <p><u>Project &amp; Program Manager</u> – Coordinated and managed the collection, characterization, profile, transport and disposal of 400 tons of hazardous and nonhazardous waste generated from various Guam clients to off-island TSDFs.</p> <p>Project Cost \$1,000,000 Duration, 2 years.</p>		
(1) TITLE AND LOCATION ( <i>City and State</i> )		(2) YEAR COMPLETED	
MEC survey and vegetation clearance, Fena Reservoir, Ordnance Ax, Guam		PROFESSIONAL SERVICES 2014	CONSTRUCTION ( <i>If applicable</i> )
<b>b.</b>	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <span style="float: right;"><b>X</b> Check if project performed with current firm</span></p> <p><u>Project Manager</u> - Cleared 8 acres of vegetation in conjunction with UXO anomaly avoidance and environmental oversight</p> <p>Project Cost \$176,000. Duration, 2 Months.</p>		
(1) TITLE AND LOCATION ( <i>City and State</i> )		(2) YEAR COMPLETED	
Environmental Manager, Military Working Dog Facility, USN/NBG-Guam		PROFESSIONAL SERVICES 2013	CONSTRUCTION ( <i>If applicable</i> )
<b>c.</b>	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <span style="float: right;">Check if project performed with current firm</span></p> <p><u>Project Manager</u> – Environmental Manager for the Military Working Dog Relocation and Construction activities.</p> <p>Project Cost \$180,000 Duration, 6 Months.</p>		
(1) TITLE AND LOCATION ( <i>City and State</i> )		(2) YEAR COMPLETED	
Environmental Manager/Task Order Manager, Joint Region Marianas, Guam		PROFESSIONAL SERVICES 2011-2013	CONSTRUCTION ( <i>If applicable</i> )
<b>d.</b>	<p>(3) BRIEF DESCRIPTION (<i>Brief scope, size, cost, etc.</i>) AND SPECIFIC ROLE <span style="float: right;">Check if project performed with current firm</span></p> <p><u>Project Manager</u> – Environmental Manager and Task Order Manager/RCRA Advisor and Compliance consultant for various environmental programs – Joint Region Marianas (NBG and AAFB). Finalized the NBG RCRA Part B Conforming Storage Permit which was submitted and approved; Developed the JRM HW Management Plan; Reviewed and processed SW processing permits for NBG and AAFB landfills; updated the AAFB SPCC Plan; Represented JRM on HW and SW regulatory inspections from US EPA and Guam EPA</p> <p>Project Cost \$700,000. Duration, 3.5 Years.</p>		

## Key Personnel

12. NAME <b>Michael Sean McDermott</b>	13. ROLE IN THIS CONTRACT <b>Project Manager/Environmental Scientist/MEC UXO Tech II</b>	14. YEARS EXPERIENCE a. TOTAL 8		b. WITH CURRENT FIRM 8	
15. FIRM NAME AND LOCATION ( <i>City and State</i> ) UEG, Inc. dba Unitek Environmental-Guam Agat, Guam					
16. EDUCATION ( <i>DEGREE AND SPECIALIZATION</i> ) B.A. International Affairs, University of Colorado- Boulder, 1994		17. CURRENT PROFESSIONAL REGISTRATION ( <i>STATE AND DISCIPLINE</i> ) OSHA HAZWOPER 40 hour (2007), 24 Hour Permit Required Competent Person Confined Space Entry, Confined Space Entry, Confined Space Rescue Training, Forklift, Occupational Exposure to Blood-Borne Pathogens: Precautions for Emergency Responders, Traffic Control/ Flagger(MUTCD), Aerial Oil Observation Course, Backhoe/Front End Loader, EM 385-1-1 Construction Safety Hazardous Awareness 40 hour Course for Contractors,			
18. OTHER PROFESSIONAL QUALIFICATIONS ( <i>Publications, Organizations, Training, Awards, etc.</i> ) <ul style="list-style-type: none"> <li>• DOT Safe Transportation of Hazardous Materials</li> <li>• Security Awareness Training Course,</li> <li>• DOD- AT Level 1 Awareness Training,</li> <li>• FEMA: ICS 200, NIMS 700,</li> <li>• CPR/ First Aid Certified, TWIC Cardholder,</li> <li>• UXO Tech II</li> <li>• ASI ATV Rider Course,</li> <li>• Rapid Gate Cardholder,</li> <li>• Global Harmonization System,</li> <li>• ASTM E 1527-05 Phase I Real Estate Environmental Assessments, ASTM Standards Phase II Assessments, Mobile Bulk Liquid Facility Operations/</li> <li>• Response Training, Management and Supervision Of Hazardous Waste Operations,</li> <li>• Occupational Exposure to Lead in Construction &amp; General Industry Training, Breathing Apparatus Annual Refresher Training Air Line/SCBA</li> <li>• Respirator, OSHA HAZWOPER 1st Responder,</li> <li>• OSHA 30-Hour Construction Safety and Health Training.</li> </ul>					
<b>19. RELEVANT PROJECTS</b>					
(1) TITLE AND LOCATION ( <i>City and State</i> ) Daiku Maru No. 7 Emergency Response (vessel grounded on reef) Orote Point, Port of Guam (NAVPAC/ U.S. Coast Guard)		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2014			CONSTRUCTION ( <i>If applicable</i> )
<b>a.</b> (3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE Emergency response coordinator for hazardous material handling: Vessel was grounded on reef at mouth of Port of Guam (Orote Point). Unified Command tasked OSROCO with initial response which involved personal watercraft, a large tugboat and a line boat and approximately 30 personnel. Unitek was secured as sub-prime contractor to remove hazardous wastes from the vessel and beach and utilized 8 personnel. Unitek Team was also tasked with removing remaining oil on vessel (approximately 2,600 gallons). Unitek Team successfully pumped oil from vessel via hose across waterway and pumped into bulk containers without losing product. Product was then transferred into 55 gallon drums and airlifted (via helicopter) to staging area. Unitek team rigged drums for airlift and also received drums for transportation/ disposal at drop-off point. Hazardous waste was also successfully removed, manifested and transported for disposal in accordance with all applicable laws, rules and regulations. Approximate cost: \$ 120,000. Role: Project Lead/ Team Safety Officer		<input checked="" type="checkbox"/> Check if project performed with current firm			
(1) TITLE AND LOCATION ( <i>City and State</i> ) Agana/ Agat Guam Small Boat Harbors: Removal of Vegetation from Federally owned Navigation Structures (USACE)		(2) YEAR COMPLETED PROFESSIONAL SERVICES 2013			CONSTRUCTION ( <i>If applicable</i> )
<b>b.</b> (3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE The project involved the removal of approximately 5,000 linear feet of heavy vegetation from various federally owned navigation structures (revetted mole, interior revetment, breakwater, wave absorber and revetted dike) for inspection/ repair. All work was governed by Federal, State and jurisdictional rules. All permits were obtained by Unitek. All safety regulations of the U.S Army Corps of Engineers were followed including an Accident Prevention Plan (APP). All vegetation was cut within the project limits and removal and disposal of debris was legally disposed. Vegetation was cut 24 inches from the surface of the revetment/ ground for all vegetation 3 inches and larger. All other vegetation was cut 6-12 inches from the surface. All cuts were clean and horizontal to ground surface to prevent injury. An approved herbicide was then applied by a sub-prime contractor. Approximate cost of project: \$75,000. Role: Project Lead/ Planning		<input checked="" type="checkbox"/> Check if project performed with current firm			
<b>c.</b> (1) TITLE AND LOCATION ( <i>City and State</i> )		(2) YEAR COMPLETED			

Mobil Oil Guam OWS System Cleaning and Investigation of pH exceedance for USEPA NPDES Permit, Cabras Island Guam	PROFESSIONAL SERVICES 2011	CONSTRUCTION (If applicable)
<p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Environmental Consulting: Drainage system cleaning and resolution of NPDES permit discharge exceedances for high pH. Normal monthly sampling indicated high exceedences of pH levels in newly constructed improvement to the bulk plant containment drainage and oil water separator system. System was methodically cleaned and tested in dike valve pits, isolation valve pits, grated pits, and coalescers. The tank farm contains six 1,000,000 gallon above ground storage tanks. Post cleaning sampling indicated levels returned to normal acceptable range.</p> <p>Role: Project Lead Consultant/ Planning, Approximate cost of project: \$180,000.00.</p>		
<p>(1) TITLE AND LOCATION (City and State)</p> <p>Polaris Point BOWTS Cleaning and Disposal, U.S. Navy Base Guam (COMNAVMAR)</p>	<p>(2) YEAR COMPLETED</p> <p>PROFESSIONAL SERVICES 2011</p> <p>CONSTRUCTION (If applicable)</p>	
<p><b>d.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Hazardous Material Handling: Services included cleaning the large oil/water separator with a confined space entry for sludge removal and high pressure interior water cleaning including interior plates; water and oil removal with confined space entry for sludge removal and disposal and high pressure cleaning for the small oil water separator; water and oil removal and disposal, confined space entry and high pressure cleaning for the 20,000 gallon storage tank. All applicable Federal, State and jurisdictional rules were applied.</p> <p>Approximate cost of project: \$30,000, Role: Project Lead/ Confined Space Entry Supervisor</p>		
<p>(1) TITLE AND LOCATION (City and State)</p> <p>Edoni Landfill Project Site Remediation, Saipan, CNMI (Formerly Utilized Defense Site – (FUD)</p>	<p>(2) YEAR COMPLETED</p> <p>PROFESSIONAL SERVICES 2012</p> <p>CONSTRUCTION (If applicable)</p>	
<p><b>e.</b> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm</p> <p>Remediation: Unitek Environmental Guam Teamed with Wil-Chee Planning, Inc. to perform the site remediation of the Former Edoni Landfill Project, Saipan, CNMI for Site Investigation and Remediation of identified hazardous materials. This contract was executed under the Multiple Award Task Order Contract (MATOC) Environmental Services, U.S. Army Corps of Engineers, Various Pacific Locations. Unitek was contracted for the project planning, removal, containerization, transportation and disposal of 1,672 cubic yards of contaminated soil at the former US Army Maintenance Depot. The project site is located in remote area of Saipan, CNMI with significant logistical issues. The site was used as a post WWII vehicle maintenance area with an adjacent quarry. Various wastes were thrown into the quarry and burned over a period of years and backfilled. As a result, soils in the landfill were impacted with low level PCBs, heavy metals and petroleum. Approximate cost \$2.3 million. Role: Inter- Island Logistics Coordinator &amp; Support/ Planning/ Site Safety Officer.</p>		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
<b>Anthony W. Brinkley</b>	<b>MEC Program Manager/ UXO SUXOS/ Technician III/QA/Safety Supervisor</b>	27.5	2.5

15. FIRM NAME AND LOCATION *(City and State)*

UEG, Inc. dba Unitek Environmental-Guam  
Agat, Guam

16. EDUCATION *(DEGREE AND SPECIALIZATION)*

BS Geology/Geophysics Texas A&M University

17. CURRENT PROFESSIONAL REGISTRATION *(STATE AND DISCIPLINE)*

Professional Geologist, Master EOD Technician/Senior UXO Supervisor (SUXOS), UXO Quality Control Specialist (UXOQCS), UXO Safety Officer (UXOSO), UXO Technician III, US Naval Diving and Salvage Officer.

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*

- US Navy Explosive Ordnance Disposal Officer Course**
- US Navy Advanced IED Disposal Course**
- US Navy Explosive Ordnance Disposal Tactical Training Course**
- US Navy Surface Warfare Officer Course**
- US Navy Special Operations Officer Course**
- US Navy MCM Specialty Course**
- US Navy Mine Warfare Core Course**
  
- US Navy Diving and Salvage Officer Course**
- US Navy Force Protection Officer Course**
- US Navy Humanitarian Assistance/Disaster Relief Officer Course**
- US Navy Humanitarian Assistance/Disaster Relief Operations Course**
- US Navy Mixed Gas Diving Course**
- US Navy MCM 1st LT Course**
  
- OSHA Hazardous Waste Operations & Emergency Response (HAZWOPER)**
- 40 Hr OSHA HAZWOPER Hazmat Specialist Course
- OSHA HAZWOPER Incident Commander Course
  
- OSHA Safety**
- 30 Hr OSHA Construction Industry Outreach Course
  
- 40 Hr EM 385-1-1 Safety Course

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION <i>(If applicable)</i>
<b>MEC Operations Officer/Program Manager Unitek Environmental, Guam - Present</b>	2.5 Year	2.5 Year
<p>(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span></p> <p>a. Munitions and Explosives of Concern (MEC) Operations Manager for MEC/UXO projects. Oversees field operations; bedrock certifications, plans personnel, equipment, scheduling and procedures to conduct MEC/UXO surveys, clearance and construction support activities. Leads field operations as Senior UXO Supervisor for Digital Geophysical Mapping using EM instrumentation and GPS systems, plans surface/subsurface MEC/UXO clearance operations, supervises MEC/UXO Team activities, oversees Safety and Quality Control functions and coordinates with customer activities in providing services.</p> <p>Accepted as a Member in the American Institute of Professional Geologist.</p>		



(1) TITLE AND LOCATION ( <i>City and State</i> )	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION ( <i>If applicable</i> )
<b>US Navy Explosive Ordnance Disposal Officer Lieutenant Commander 1988- 2013</b>	25 Years	25 Years
(3) BRIEF DESCRIPTION ( <i>Brief scope, size, cost, etc.</i> ) AND SPECIFIC ROLE		<input type="checkbox"/> Check if project performed with current firm
<b>EOD Operations Officer for CTF 76, U.S. 7<sup>th</sup> Fleet, Okinawa, Japan 2010 - 2013</b>		
Direct representative to Commander SEVENTH Fleet on all matters to do with Explosive Ordnance Disposal. Planned, coordinated and supervised all EOD, Mine Warfare, Diving, Salvage, Humanitarian Assistance/Disaster Response (HADR), and expeditionary operations in the SEVENTH Fleet Area of Operation (AOR).		
~ During three years served in many diverse positions on the staff to include but not limited to, Operations Officer, Future Operations Officer, Senior Watch Officer (in port and underway), Battle Watch Officer (in port and underway), signature projects include:		
<ul style="list-style-type: none"> <li>• Coordinated and directed the Salvage of USS GUARDIAN and recovery of the crew and vital equipment onboard. Developed and executed air and surface action plans for SEVENTH Fleet.</li> <li>• Directly responsible for the cleanup and disposal of over 400,000 lbs of UXO on Cabala Island in Manila Harbor, Philippines. Planned and directed a 5 year phased exercise to train Philippine EOD forces to dispose of this hazard.</li> <li>• Planned and executed two Presidential support missions (POTUS) to Jakarta, Indonesia and first time visit to Burma.</li> <li>• Lead Exercise Planner for numerous exercises around the SEVENTH Fleet AOR to include Thailand, Philippines, Cambodia, Vietnam, Malaysia, South Korea, Japan, and Guam.</li> <li>• HADR incident responder, on the ground in mainland Japan less than 12 hours after Japan Tsunami Incident (Operation Tomodachi) in 2011. Set up and manned SEVENTH Fleets Maritime watch station tracking all Sea side relief efforts. Lead EOD/Diving and Salvage Expert during Operation Tomodachi, responsible for first US Forces conducting Harbor Clearance operation only 48 hours after incident.</li> <li>• Primary advisor to SEVENTH Fleet for matters dealing with Unexploded Ordnance, Weapons of Mass Destruction, Bomb Threat and Improvised Explosive Device (IED) training and emergency response.</li> </ul>		
<b>EOD Operations Officer for CTF 56, U.S. 5<sup>th</sup> Fleet, Bahrain 2009 - 2010</b>		
Direct representative to Commander FIFTH Fleet on all matters to do with Explosive Ordnance Disposal. Planed, coordinated and supervised all EOD, Diving, Salvage, Humanitarian Assistance/Disaster Response (HADR), Maritime Intelligence Collection and expeditionary operations in the FIFTH Fleet Area of Operation (AOR), to include two active combat zones in Iraq and Afghanistan.		
Served in many diverse positions on the staff to include but not limited to, Operations Officer, Future Operations Officer, Staff Duty Officer, and Joint Humanitarian Operation Coordinator, signature projects include:		
<ul style="list-style-type: none"> <li>• Planned and directed the execution of Embarked Security Teams and Anti-Terrorism Force Protection Diving Teams on hundreds of military and commercial vessels to protect FIFTH Fleet assets transiting the Area and port visits to 11 Middle Eastern countries promotion regional security and stability.</li> <li>• Developed, established and oversaw FIFTH Fleets newest Task Force, Shore Battle Space. Shore Battle Space was created to make the handover of targets from Shore to Sea smoother. Highly increased FIFTH Fleets readiness and directly resulted in a first time transfer of Command and Control to a Contingency location during time of crises.</li> <li>• Lead Exercise Planner for numerous exercises around the FIFTH Fleet AOR to include Iraq, Afghanistan, Kuwait, United Arab Eminence, Oman, Qatar, Pakistan, Saudi Arabia, and Bahrain. Created and planned exercises that both enhanced US and Host Nation EOD and Diving Capability, while increasing regional security for the US.</li> </ul>		
<b>EOD Operations Officer for EOD Mobile Unit FIVE, U.S. 7<sup>th</sup> Fleet, Guam 2007 - 2009</b>		
Direct representative to Commanding Officer of EODMU 5 on all matters to do with Explosive Ordnance Disposal. Planed, coordinated and supervised 11 EOD Platoons through the SEVENTH Fleet Area of Operation (AOR).		
Served in many diverse positions at the command to include but not limited to, Commanding Officer, Executive Officer and Operations Officer. He deployed and managed numerous Platoons in support of MCM, Expeditionary, Carrier Strike Forces, Joint/Special Operation task forces deployed to Iraq/JTF TROY, Iraq/JTF MNF-West and JSOTF-Philippines.		

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**EOD Officer in Charge (OIC) for Naval Air Station Fallon, Nevada**

**2005 - 2007**

Direct representative to Commanding Officer of Naval Air Station (home of Top Gun School) on all matters to do with Explosive Ordnance Disposal. Responsible for Fallon Range Training Complex, Naval Strike and Air Warfare Center and the largest EOD regional response area from Washington State, Oregon, California, Nevada, Arizona and Idaho.

Served as EOD Program Manager for Navy Region Southwest (responsible for 3 EOD Detachments), EOD Response Technician and Diving Officer. He managed over \$1.5 M of equipment inventory and a \$261K annual budget. He was responsible for disposing of over 25,972 lbs of IED, UXO and MEC items from numbers response calls and range clearances with zero incidents or injuries.

Regional Bomb Squad Officer in Charge for Reno and surrounding areas. Provided Improvised Explosive Device response capabilities to local, state and federal law enforcement agencies. Trained law enforcement personnel in Weapons of Mass Destruction emergency response. Developed threat assessments and response plans for federal and civilian agencies.

**EOD Officer in Charge (OIC) for Multi National Forces Iraq**

**2004 - 2005**

Direct representative to Commanding General at Multi National Forces Iraq for the creation of the Iraqi Bomb Disposal School. Multi National Forces Iraq was a Joint coalition command responsible for organizing, training, equipping and mentoring capable Iraqi security forces.

Served as Iraqi Bomb Disposal School Officer in Charge, Curriculum Developer, Force Protection Officer and Safety Officer. As the sole Military and EOD representative Mr. Brinkley was responsible for creating the Bomb Disposal School. After picking a location and hiring Civilian UXO Contractors (RONCO), he was responsible for establishing all policies and procedures related to bomb and IED training in Iraq. ~He managed at \$2.5M budget and provided training for more than 400 students (10 Bomb Disposal Companies and 6 Police Units).

**EOD Operations Officer for Naval Special Clearance Team One, San Diego**

**2002 - 2004**

Responsible for unique flyaway contingency unit operations designed for underwater mine and obstacle clearance. Unit composed of Navy EOD, SEAL, SWCC, Divers, Recon Marines and Fleet techs employing autonomous underwater vehicles, marine Mammals and combat divers to provide assured access to any hostile shores.

**Special Operations Officer for MCM-7, USS Patriot, Sasebo, Japan**

**1998 to 2001**

Direct representative to Commanding Officer for all Training, Mine Counter Measure, Weapons, Diving, Medical and Force Protection matters

**Naval Student at Texas A&M College Station, Tx**

**1994 to 1998**

Bachelor Science in Geophysics/Geology

**Navy Salvage Diver – Japan, Diego Garcia, Washington State**

**1988 to 1994**

- Rescue USS Princeton and USS Tripoli from mine fields in Persian Gulf
- Salvaged Merchant and Iraqi Navy Ship pier side Kuwait
- Recovered over 20 TLAMs from waters in Persian Gulf
- Recovered numerous helicopters and downed Aircraft
- Taught water and winter survival courses at Aviation Physiology Unit
- Provided ship husbandry, pier and buoy maintenance support