



July 15, 2025

Ms. Kehaulani M. Costa  
Office of Housing and Community Development  
Hawai'i County  
1990 Kina'ole Street, Suite 102  
Hilo, Hawaii 96720

Dear Ms. Costa:

**Subject: Fiscal Year 2025/2026 Professional Services – Housing and Community Development**

Myounghee Noh & Associates, L.L.C., dba MNA Environmental (MNA), is pleased to submit our qualifications for consideration as a Professional Service Provider during the 2025/2026 fiscal year. MNA respectfully requests to be considered for projects under the Service Category:

OH.2) Community Planning (Environmental Assessment)

MNA is a Hawaii-based small business, established in 1999. MNA's services include, but are not limited to, the following:

- Environmental Site Assessments (Phase I, II, III)
- Environmental Assessments (NEPA, HRS Chapter 343)
- Landfill restoration and compliance
- Hazardous material inspection & investigation (asbestos, arsenic/ lead/ cadmium/ chromium/ hexavalent chromium/ mercury, PCB, organochlorine pesticides, etc.)
- Hazardous material and environmental designs
  - Specifications and drawings
  - Contractor work plan reviews
  - Compliance QC
  - Construction-administrative services
- Industrial hygiene services and indoor air quality; oversight and monitoring of hazardous material removal and hazard abatement
- Soil and groundwater investigation and remediation, including underground storage tank removal

The requested information is provided below:

**Name and Location of Firm:** Myounghee Noh & Associates, L.L.C. dba MNA Environmental  
Aiea, Oahu 98-025 Hekaha Street, Suite 215A, Aiea, HI 96701  
Keaau, Hawaii 16-643 Kipimana Street, Suite 12, Keaau, HI 96749

**Age of Firm:** 25 years

**Average Number of Employees over the Past Five Years:** 17

**Key Employees:** Three resumes are also presented in Attachment B.

Name	Experience	Brief Info
Myounghee Noh	32 yrs	<p><b>President &amp; CEO, M.S., M.B.A., CIH, CSP</b></p> <p>Myounghee has over 32 years of experience in management of environmental and laboratory contracts. Her first two positions after graduate school were for the former Hawaiian Sugar Planters’ Association and Brewer Environmental Services in Honolulu. She gained federal project experience at Brewer and founded MNA in 1999 and continues to offer excellence in the environmental consulting field. Myounghee currently serves as principal investigator and program manager on various contracts and special projects. Myounghee is a member of the American Conference of Governmental Industrial Hygienists (No. 310411-00), American Industrial Hygiene Association (AIHA; CP 10565), and Hawaii Association of Environmental Professionals (HAEP)</p>
Eunjin Kotkovetz	21 yrs	<p><b>Environmental Engineer, Technical Manager, M.S., P.E., LEED AP</b></p> <p>Eunjin has over 21 years of environmental project experience and offers her expertise in site assessments, remedial investigations and design, feasibility studies, and remedial actions for contaminated sites and Hazardous Toxic Radioactive Waste (HTRW) sites. She has participated in Architect/Engineer design and construction teams for the USACE HED/JED/FED/Far East Districts and NAVFAC Pacific/Hawaii/Marianas design projects. Eunjin provides environmental design and quality assurance to project design teams through all aspects of project development to protect site workers and the public while preventing environmental pollution or degradation. She has extensive experience and specialized knowledge of project management; environmental management for construction sites, NPDES permits, health and safety coordination; and monitoring and sampling.</p>
Joanna Boyette	21 yrs	<p><b>Director of Operations/Industrial Hygienist, B.A.</b></p> <p>Joanna has over 18 years of experience in the environmental field and manages Phase I and II Environmental Site Assessments (ESA), industrial hygiene services, industrial/shipyard waste management, and air/water quality monitoring. Joanna offers her knowledge of Hazardous Waste Disposal, and EPCRA and NESHAP reporting. Joanna is a State of Hawaii certified Asbestos and Lead-Based Paint Professional and certified in OSHA HAZWOPER and Construction Safety. She also completed the ASTM International Phase I &amp; II ESA training and American Management Association’s MBA Workshop. Her recent projects include site investigations for landowners, federal, state, and county agencies for design and construction support, schools building hazmat surveys, barracks, substations, and various hazard abatement/mitigation monitoring for compliance.</p>

**List of Recent Projects and Names of Clients:** MNA has demonstrated quality environmental consulting services throughout the State of Hawaii. Our recent selected projects are:

- Environmental Management – Closed Kailua Landfill Monitoring, Kailua-Kona, Hawaii
- Kealakehe Intermediate Covered Playcourt, Kealakehe, Hawaii
- Keauhou Shopping Center Asbestos Survey and OSHA Notifications, Kailua-Kona, Hawaii
- Phase I ESA Pacific Housing, Waikoloa Village, Waikoloa, Hawaii
- Rehabilitation of Moanalua and Quarry Tunnels, Honolulu, Oahu
- Phase I ESA for Kailua Dog Park and Wetland Restoration Project, Kailua, Oahu
- Phase I and II ESA for Waianae Comprehensive Health Center, St. Johns Rd, Waianae
- Hawaii Floating Offshore Wind Regional Ports Assessment, State-wide, Hawaii
- Upgrade S99 Electric Substation J, Joint Base Pearl Harbor-Hickam (JBPHH)
- Repair NCTAMS Building 230 Hayden Hall, Wahiawa
- Roi-Namur Controlled Humidity Warehouse Design
- P-428 Airfield Upgrades, PMRF, Kauai
- FY25 Aircraft Maintenance Hangar, Wheeler Army Airfield (WAAF)
- P-708 P-825 Vehicle Maintenance Shops, Barrigada and South Finegayan, Guam
- Study MCDC Footbridge, MCBH Kaneohe, Oahu
- P-1001 Aerial Port Facility Design, Andersen Air Force Base, Guam
- Engineering Services for Airport Expansion, Yap, Federated States of Micronesia

Our recent clients include the State of Hawaii DAGS, DOE, DOT, DHHL, DHS, HPHA, County agencies, Honolulu Board of Water Supply, the U.S. Army, the U.S. Navy, the U.S. Air Force, the U.S. Coast Guard, and various architectural and construction firms and commercial landowners. Provided below are the names and contact information for five of our recent clients.

Client Contact Name	Agency/Organization	Phone Number
Austen Drake, General Manager Hawaii Island	SSFM International, Inc.	(808) 356-1250
Scott Harada, Managing Principal	INK Architects, LLC	(808) 536-1174
Tyson Toyama, President	Okahara and Associates, Inc.	(808) 524-1224
Brian Lock, Vice President and Director of Civil Engineering	Willson Okamoto Corporation	(808) 946-2277
Jessica Burdick, Senior Project Manager	Jacobs	(808) 448-0276

**Statement Indicating No Conflict of Interest:** MNA has no conflict of interest related to performing work for the County of Hawaii. MNA is not a member of any county board or commission.

Please call me at 808-484-9214 or email at [mnoh@mnaenvironmental.com](mailto:mnoh@mnaenvironmental.com) if you have any questions. I look forward to hearing from you.

Sincerely,



Myounghee Noh, CIH  
Principal

- Enclosures:
- Attachment A DPW-120
  - Attachment B Key Personnel Resumes
    - Myounghee Noh – CEO, CIH
    - Joanna Boyette – Director of Operations, Industrial Hygienist
    - Eunjin Kotkovetz – Technical Director, Environmental Engineer
  - Attachment C MNA Statement of Qualifications/Company Profile



## **Attachment A - DPW-120**

STATE OF HAWAII

QUESTIONNAIRE FOR ARCHITECTS, ENGINEERS AND OTHER PROFESSIONAL SERVICES

QUESTIONNAIRE FOR: (LIST DISCIPLINE) EM.6) Environmental Engineering (Environmental Compliance) EM.11) General Physical Science (Environmental) EM.12) Industrial Hygiene (Environmental Health)	OTHER QUESTIONNAIRES SUBMITTED: (LIST DISCIPLINES)	DATE 15 July 2025
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FIRM NAME Myounghee Noh & Associates, L.L.C. dba MNA Environmental	ESTABLISHED YEAR STATE 1999 HI	TYPE OF ORGANIZATION (Underline) INDIV PARTNERSHIP <u>CORP</u> JOINT VENTURE OTHER: <u>L.L.C.</u>
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BUSINESS ADDRESS, TELEPHONE & FAX NO. OF HAWAII OFFICE 98-025 Hekaha Street, Suite 215A, Honolulu, HI 96701 Tel (808) 484-9214	AGE OF FIRM 25	Federal ID No. 99-0346448	YEARS ESTABLISHED IN HAWAII 1999
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PRINCIPALS OF FIRM: (NAMES) Myounghee Noh, President	ASSOCIATES MEMBERS OF FIRM: (NAMES)
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PRESENT BRANCH OFFICE(S): (ADDRESS, TELEPHONE & FAX NO.) 16-643 Kipimana Street, Suite 12, Keaau, HI 96749 (808) 769-4221	PERSON IN CHARGE: (NAMES) Myounghee Noh
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NUMBER OF PERSONNEL IN YOUR PRESENT ORGANIZATION

LOCATED AT	PRINCIPALS & KEY PERSONNEL			OTHER PERSONNEL										TOTAL		
	Architect	Engineer	Others	Architect	Engineers				Draftsmen	Spec. Writer	Estimator	Inspector	Surveyor		Balance	
					Mech.	Electri c	Civil	Others Others								
HOME OFFICE			1					2		2				11		
BRANCH IN										2						
TOTAL			1					2		4				11	18	
TECHNICAL PERSONNEL: 18			NUMBER OF PERSONNEL WITH HAWAII CERTIFICATES:						10	NUMBER OF PERSONNEL WITHOUT HAWAII CERTIFICATES:						8

**PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM**

<b>NAME</b> Myounghee Noh				<b>RESIDENT OF</b> Hawaii				<b>NAME</b> Eunjin Kotkovetz, PE				<b>RESIDENT OF</b> Hawaii			
<b>TITLE</b> Principal Consulting Chemist								<b>TITLE</b> Environmental Engineer							
<b>YEARS OF XPERIENCE</b> 32		<b>AS PRINCIPAL IN THIS FIRM</b> 25		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 7		<b>YEARS OF EXPERIENCE</b> 21		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 21	
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> MBA Univ. of Phoenix, 1997 M.S. Univ. of Hawaii at Manoa, Chemistry, 1991 B.S. Troy State Univ., AL, Chemistry/Biology, 1986								<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> M.S. University of Seoul, Environmental Engineering, 2004 B.S. University of Seoul, Environmental Engineering, 2002							
<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> American Industrial Hygiene Association (AIHA) American Conference of Governmental Industrial Hygienists (ACGIH)								<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> P.E. – Environmental, District of Columbia, #PE907465 USGBC LEED AP							
<b>REGISTRATION (TYPE, YEAR, STATE)</b> State of Hawaii Asbestos and Lead-Based Paint Professional Board for Global EHS Credentialing (BGC)-Certified Industrial Hygienist								<b>REGISTRATION (TYPE, YEAR, STATE)</b> Hazardous Waste Operation and Emergency Response Certified ASTM Phase I and II Environmental Site Assessment (ESA) Board for Global EHS Credentialing (BGC)-Certified Industrial Hygienist							
<b>NAME</b> Joanna Boyette				<b>RESIDENT OF</b> Hawaii				<b>NAME</b> Myoungjoo Lee, PE				<b>RESIDENT OF</b> Hawaii			
<b>TITLE</b> Industrial Hygienist								<b>TITLE</b> Environmental Engineer							
<b>YEARS OF EXPERIENCE</b> 16		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b> 1		<b>OTHER THAN PRINCIPAL</b> 16		<b>YEARS OF EXPERIENCE</b> 3		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b> 1		<b>OTHER THAN PRINCIPAL</b> 2	
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> B.A. Univ. of Hawaii at Manoa, English, 2018								<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> Ph.D. Environmental Engineering, Kyunghee University, Korea, 2011 M.S. Environmental Engineering, Kyunghee University, 2006 B.S. Environmental Engineering, Kyunghee University, 2004							
<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> ASTM International Phase I & II Environmental Site Assessments Hazardous Waste Operation and Emergency Response Certified Construction Safety Hazard Awareness Training for Contractors American Industrial Hygiene Association (AIHA)								<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> ASTM International Phase I and II Environmental Site Assessment Hazardous Waste Operation and Emergency Response Certified Construction Safety Hazard Awareness Training for Contractors							
<b>REGISTRATION (TYPE, YEAR, STATE)</b> State of Hawaii Asbestos and Lead-Based Paint Professional								<b>REGISTRATION (TYPE, YEAR, STATE)</b> Professional Engineer, 2023, Hawaii (#20384)							

**PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM**

<b>NAME</b> Danny Falanug				<b>RESIDENT OF</b> Hawaii				<b>NAME</b> Gordon M.K. Lewis				<b>RESIDENT OF</b> Hawaii			
<b>TITLE</b> Industrial Hygienist								<b>TITLE</b> Environmental Specialist/ Industrial Hygienist							
<b>YEARS OF EXPERIENCE</b> 21		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 21		<b>YEARS OF EXPERIENCE</b> 5		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 5	
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> Yap High School, Federated States of Micronesia, 2006								<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> Carpenter Apprenticeships Program, Honolulu Community College, 2006-2008 Hazmat Cargo Specialist, U.S. Air Force, 1998-2003							
<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> Hazardous Waste Operations and Emergency Response certified OSHA 30-Hour Construction Construction Safety Hazard Awareness Training for Contractors								<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> Hazardous Waste Operations and Emergency Response certified C4 Hazardous Waste Operations and Emergency Response supervisor OSHA 30-Hour Construction							
<b>REGISTRATION (TYPE, YEAR, STATE)</b> State of Hawaii Asbestos Professional, Inspector/Project Monitor State of Hawaii Lead-Based Paint Professional Construction Safety Hazard Awareness Training for Contractors								<b>REGISTRATION (TYPE, YEAR, STATE)</b> State of Hawaii Asbestos Professional, Inspector/Project Monitor State of Hawaii Lead-Based Paint Professional							
<b>NAME</b> Jared Goodwin				<b>RESIDENT OF</b> Hawaii				<b>NAME</b> Mirai Mawae				<b>RESIDENT OF</b> Hawaii			
<b>TITLE</b> Environmental Scientist / Industrial Hygienist								<b>TITLE</b> Environmental Scientist / LBP Inspector							
<b>YEARS OF EXPERIENCE</b> 1		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 1		<b>YEARS OF EXPERIENCE</b> 2		<b>AS PRINCIPAL IN THIS FIRM</b>		<b>AS PRINCIPAL IN OTHER FIRMS</b>		<b>OTHER THAN PRINCIPAL</b> 2	
<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> B.S. Environmental Science, University of Hawaii at Hilo, 2023								<b>EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)</b> B.S. Tropical Agriculture and the Environmental, University of Hawaii at Manoa, 2023							
<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> Hazardous Waste Operations and Emergency Response certified Construction Safety Hazard Awareness Training for Contractors State of Hawaii Asbestos and Lead-Based Paint Professional								<b>MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS</b> Hazardous Waste Operations and Emergency Response certified State of Hawaii Lead-Based Paint Professional							

**OUTSIDE ASSOCIATES AND CONSULTANTS USUALLY EMPLOYED**

<b>DISCIPLINE</b>	<b>NAME OF FIRM OR INDIVIDUAL</b>	<b>DISCIPLINE</b>	<b>NAME OF FIRM OR INDIVIDUAL</b>
Civil Engineering	SSFM International, Inc.	Analytical Laboratory	Advanced Analytical, Honolulu
Structural Engineering	KAI Hawaii, Inc.	Analytical Laboratory	Hawaii Analytical Laboratory, Honolulu
Geotechnical Engineering	Hirata & Associates, Inc.	Analytical Laboratory	Eurofins Eaton Analytical, Inc., Monrovia, CA
Sanitary Engineering	Latte Consulting, LLC	Analytical Laboratory	Enthalpy, Berkeley, CA

**ERRORS AND OMISSIONS INSURANCE**

<b>DOES YOUR FIRM HAVE ERRORS &amp; OMISSION (E&amp;O) INSURANCE? (Underline)</b>			<b>AMOUNT OF COVERAGE PER CLAIM</b>	<b>AMOUNT OF DEDUCTIBLE</b>
<b><u>YES</u></b>	NO	<b><u>PROJECT INSURANCE</u></b>	\$ 1,000,000	\$ 5,000

Submit proof of insurance or insurability from your insurance carrier with this form.

**SUMMARY OF YOUR FIRM'S COMPLETED AND PRESENT PROJECTS DURING THE LAST TEN YEARS**

**AS A PRIME ENVIRONMENTAL CONSULTANT**

TOTAL NUMBER OF COMPLETED PROJECTS	Over 140
TOTAL ESTIMATED CONSTRUCTION/PROJECT COST OF COMPLETED PROJECTS	\$15 Mil
TOTAL NUMBER OF PRESENT PROJECTS	10
TOTAL ESTIMATED CONSTRUCTION/PROJECT COST OF PRESENT PROJECTS	\$0.5 Mil

**AS AN ASSOCIATE WITH OTHER A/E CONSULTANTS**

TOTAL NUMBER OF COMPLETED PROJECTS	100
TOTAL ESTIMATED CONSTRUCTION/PROJECT COST OF COMPLETED PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)	\$1,000 Mil
TOTAL NUMBER OF PRESENT PROJECTS	10
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM IS RESPONSIBLE)	\$15 Mil

**CLASS OF WORK AND PROJECT TYPE SPECIALIZATION**

TYPE OF PROJECT	TOTAL NO. OF COMPLETED PROJECTS	TOTAL ESTIMATED CONSTRUCTION/PROJECT COST	TOTAL ESTIMATED PROJECT SIZE (G.S.F.)
Environmental Assessment, Phase I	100	\$1 Mil	--- (info not available)
Environmental Assessment, Phase II	35	\$5 Mil	---
Asbestos, Lead, Hazardous Materials Survey	275	\$8 Mil	---
Occupational training (health & safety)	25	\$0.1 Mil	---
School and public facility inspection	240	\$1.4 Mil	---

Categorize your firm's class for work during the last ten years by project type. Examples of project types include Educational, Commercial, Industrial, Residential, Health Care, Correctional and Judicial Facilities. Work may also be categorized as planning, civil site work, renovation/alteration, architectural barrier removal, fire alarm system, etc.

**PRESENT/COMPLETED PROJECTS THAT YOUR FIRM IS/WAS ASSOCIATED WITH OTHERS (BY TYPE)**

(LIST A MAXIMUM OF 10 PROJECTS FOR EACH DISCIPLINE/TYPE OF WORK BEING APPLIED FOR. LIST PROJECTS THAT REFLECT YOUR ABILITY TO PROVIDE QUALITY WORK FOR YOUR REQUESTED PROJECTS.)

TYPE : ENVIRONMENTAL / PLANNING								
YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	PROJ.
'24	Closed Kailua Sanitary Landfill Post Closure Monitoring, 2024	County of Hawaii Department of Environmental Management	---	\$175,920	---	County of Hawaii	---	100
'18 – '23	FY17 Special Project TACMOR, Babeldaob and Angaur Island, Republic of Palau	NAVFAC Pacific	---	\$300,000	---	Moffatt & Nichol	---	100
'17	HRS 343 Compliance Support for Various Improvements to Mamalahoa Highway (SR190), MP 3 to MN 7, Waikoloa, Hawaii	State of Hawaii Department of Transportation Highways Division	---	\$20,000	---	Okahara and Associates, Inc.	---	100
'19 – '20	Environmental Assessment (EA) for University of Guam Cultural Repository Facility, Lot 5372-3A, Maga, Mangilao, Guam	University of Guam U.S. DOD Office Economic Adjustment	---	\$85,400	---	SSFM International, Inc.	---	90
'18	Environmental Assessment for Hawaii Fueling Facilities Corp. Fuel Line and Terminal, Honolulu Harbor, Kapalama, Oahu	Hawaii Fueling Facilities Corporation	---	\$79,710	---	Burns & McDonnell	---	100

**PRESENT/COMPLETED PROJECTS THAT YOUR FIRM IS/WAS ASSOCIATED WITH OTHERS (BY TYPE)**

(LIST A MAXIMUM OF 10 PROJECTS FOR EACH DISCIPLINE/TYPE OF WORK BEING APPLIED FOR. LIST PROJECTS THAT REFLECT YOUR ABILITY TO PROVIDE QUALITY WORK FOR YOUR REQUESTED PROJECTS.)

TYPE : ENVIRONMENTAL / INDUSTRIAL HYGIENE								
YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	PROJ.
'19- '20	Existing Conditions Survey and Design and Construction Support for HCCC Building Demolition, Hilo, Hawaii	County of Hawaii Department of Public Safety	---	\$40,000	---	Okahara and Associates, Inc.	---	90
'18 – '23	Kekaha 0.5 MG Concrete Storage Tank, Kekaha Water System, Kauai	County of Kauai Department of Water	---	\$55,586	---	Kai Hawaii, Inc.	---	90
'22	Hazardous Materials Survey for Various Facility AC Improvements, Kahului Elementary School Buildings A, D, and E, 410 Hina Avenue, Kahului, Maui	HDOE	---	\$46,228	---	MK Engineers	---	100
'22	FY22 Special Project FM17-1007 Repair Wharves B20 & B21, JBPHH, Oahu	NAVFAC Hawaii	---	\$84,537	---	Moffatt & Nichol	---	95
'24	Kahuku HS & Intermediate Classroom Bldg. and Athletic Improvement	State of Hawaii DOE	---	\$31,216	---	Design Partners, Inc.	---	100
'25	At-Risk Facility Structural Inspection	NAVFAC Hawaii	---	\$121,851	---	SSFM International, Inc.	---	90

**Explain firm's individual project assignment, project management structure, project execution (work flow and responsibilities) and quality control process.** In the event the spaces provided on this form are not sufficient for entries, or if you wish to furnish additional information, it may be inserted here or on separate sheets, with appropriate references.

**PROJECT ASSIGNMENT.** During the proposal phase, project organization and key personnel are identified. The anticipated key personnel and their responsibilities are:

- Principal Investigator will ensure compliance with contractual and technical procedures across the entire contract.
- QA Manager will provide QA surveillance during the procurement process and, following award of contract, monitor compliance with contract and project performance standards.
- Project Manager will coordinate with the Client, and provide overall technical direction and guidance for the project and identify project problems or non-conformance and initiates corrective action.
- Peer Reviewer will review technical quality, as indicated by conformance with scientific and engineering principles, procedures, and judgment, accuracy, and representativeness of analyses and evaluations.
- Health and Safety Officer will implement the site-specific Health and Safety Plan; prepare, implement, oversee the Activity Hazard Analysis (AHA); conduct daily tailgate health and safety meeting during field work, and report all safety incidents to the project manager and Client.

**PROJECT MANAGEMENT STRUCTURE.** MNA believes in planning, incorporating resources, risk, safety, and realistic schedule during the proposal phase.

MNA Project Management Structure. The key to successful project execution is to employ the best business practices. Each task order will be managed by a dedicated Project Manager who will be responsible for all aspects of sound project control. The Project Manager will be "hand-picked" by the Principal Investigator and will have a minimum of 5 yrs of experience in similar project experience.

**PROJECT EXECUTION (WORK FLOW AND RESPONSIBILITIES).** MNA's **mission** is to **Enable Our Clients**. A primary way to enable clients is to meet the schedule required for all phases of work and provide quality deliverables. Beginning with client-approved planning documents, such as Work Plan, project-specific Health and Safety Plan, and Quality Assurance Project Plan (QAPP), MNA will set and continually monitor project milestones. MNA will utilize team meetings (kickoff, progress, huddle, etc.), a project coordinator per task order, and aggressive involvement of the PI or senior key personnel to ensure that the project tracking system is in place, and competent and experienced professionals and technical resources are secured. MNA has proven to deliver quality products even with short-fused deadlines or budget constraints. MNA expects that at times circumstances may necessitate the submittals to be completed ahead of the schedule. Under all circumstances, MNA will maintain a high quality of work and expects that the team members are prepared to adapt to any changes dictated by the Client or by previously unforeseen circumstances.

As of this date 15 July 2025 the foregoing is a true statement of facts.

**NAME OF FIRM OR INDIVIDUAL SUBMITTING QUESTIONNAIRE**

Myounghee Noh & Associates, L.L.C.  
dba MNA Environmental

**TYPE NAME AND TITLE OF PERSON SIGNING**

Myounghee Noh, President

**SIGNATURE**



**PRINCIPALS ONLY - ADDITIONAL INFORMATION**

<b>NAME</b> Myounghee Noh	<b>TITLE AND POSITION</b> President, Consulting Chemist	<b>YEARS WITH FIRM</b> 25
<b>MAJOR RESPONSIBILITIES WITH THIS FIRM</b> Operations, resource and talent management, quality assurance for deliverables, budget and finance control, and marketing		

**PRIOR EMPLOYMENT**

(START WITH LATEST EMPLOYMENT PRIOR TO JOINING THIS FIRM AND PROVIDE SIMILAR INFORMATION FOR EACH SEPARATE EMPLOYMENT OR MAJOR CHANGES IN DUTIES WITH THE SAME EMPLOYER.)

<b>FIRM:</b> Brewer Environmental Industries	<b>DATE</b> FROM: 1995 TO: 1999	<b>FIRM:</b> Hawaiian Sugar Planters' Association	<b>DATE</b> FROM: 1992 TO: 1995
<b>ADDRESS:</b> 311 Pacific St. Honolulu, HI 96817	<b>ADDRESS:</b> 99-193 Aiea Heights Drive, Aiea, HI 96701		
<b>JOB TITLE:</b> Project Manager/Senior Chemist	<b>JOB TITLE:</b> Study Director/ Chemist /Minor Crop Pesticide Program Coordinator		
<b>SUPERVISOR'S NAME AND TITLE:</b> Ernest Shih, Vice President	<b>SUPERVISOR'S NAME AND TITLE:</b> Stephanie Whalen, Director		
<b>MAJOR DUTIES:</b> Project management and technical support	<b>MAJOR DUTIES:</b> Project management and technical support		

<b>FIRM:</b> University of Hawaii Chemistry Department	<b>DATE</b> FROM: 1988 TO: 1991	<b>FIRM:</b>	<b>DATE</b> FROM: TO:
<b>ADDRESS:</b> 2545 The Mall, Honolulu, HI 96822	<b>ADDRESS:</b>		
<b>JOB TITLE:</b> Research Assistant	<b>JOB TITLE:</b>		
<b>SUPERVISOR'S NAME AND TITLE:</b> Paul Scheuer, Professor	<b>SUPERVISOR'S NAME AND TITLE:</b>		
<b>MAJOR DUTIES:</b> Marine natural products research and chemical structure elucidation	<b>MAJOR DUTIES:</b>		

## **Attachment B - Key Personnel Resumes**

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

(Complete one Section E for each key person.)

12. NAME <b>Myounghee Noh</b>	13. ROLE IN THIS CONTRACT <b>Industrial Hygienist</b>	14. YEARS EXPERIENCE	
		a. TOTAL 32	b. WITH CURRENT FIRM 25

15. FIRM NAME AND LOCATION (City and State)

**Myounghee Noh & Associates, L.L.C.  
Aiea, Hawaii**

16. EDUCATION (DEGREE AND SPECIALIZATION)

M.S. Chemistry, University of Hawaii at Manoa  
MBA University of Phoenix, Honolulu

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

State of Hawaii Certified Asbestos &amp; Lead Professional

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


Certified Industrial Hygienist (CIH); Certified Safety Professional (CSP)

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	<b>Construction Capacity Analysis, Tinian, Commonwealth of the Northern Mariana Islands</b>	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Role:</b> Chemist <b>Scope:</b> Construction capacity analysis. Attended the AE site visit to Tinian and met with government officials for potential resource-impact assessments, including sites with chemical contaminants and UXO/MEC. Interviewed CNMI regulators, Fish & Wildlife, and Public Safety staff. <b>Cost:</b> \$62,488		
b.	<b>LBP- and Hexavalent Chromium-containing Paint Abatement, Tanks 2, 4, 6 &amp; 31, DFSP Diego Garcia, BIOT</b>	2023	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Role:</b> Chemist <b>Scope:</b> Compliance. Provided quality assurance for fuel tank cleaning and restoration. Worker and environmental exposure concerns were due to lead, cadmium, hexavalent chromium (Cr+6), etc. Contractor blasting practice and methodology were evaluated to anticipate the worst case scenario chemical hazards and to specify performance requirements. <b>Cost:</b> \$220,000		
c.	<b>Code 6 Full Design for ambulatory Care Clinic, Kwajalein Atoll, Republic of Marshall Islands</b>	2019	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Role:</b> Chemist <b>Scope:</b> Code 6 Design. Chemical data were evaluated for environmental risks potentially affecting the design & construction of the new clinic. In addition to hazardous building materials demo-survey, soil was assessed for the existing conditions that could impact the design and construction where there were known contaminations from an abandoned fuel line and chemical-impacted areas. The findings were compared to the USAKA Environmental Standards. <b>Cost:</b> \$119,764		
d.	<b>HDOT-Highways Division, Hazard Assessment for Kakoi and Keehi Bases, Honolulu</b>	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Role:</b> IH <b>Scope:</b> Exposure Assessment. Assessed the industrial shops space air quality, identified and measured contaminants, including welding shop, motor pools, warehouse, engine shop, sign shop, and electrical shop. Included various stressors, such as airborne metals and metal oxides from welding, particulates and volatiles from motor pools and engine shop, organics from the sign shop, and full particle analysis for service trailer complex and solid waste transfer area (near major highway). <b>Cost:</b> \$36,028		
e.	<b>Exposure Assessment for Site 1 Camp Navarro and Edwin Andrews Air Base, Zamboanga, Mindanao, PI</b>	2018	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>Role:</b> IH <b>Scope:</b> Exposure Assessment. Led a team of industrial hygienists for hazmat survey and worker exposure assessments at multiple facilities, including barracks, dining hall, controlled area, billeting, warehouse, offices, base yard/workshops, and a hangar. Real time air quality measurements were made, and air samples were collected and submitted for laboratory analyses for dust, diesel particulates, mold spores, radiation, volatiles, and welding fumes. <b>Cost:</b> \$145,876		

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

(Complete one Section E for each key person.)

12. NAME <b>Joanna Boyette, B.A.</b>		13. ROLE IN THIS CONTRACT <b>Industrial Hygienist</b>	14. YEARS EXPERIENCE	
			a. TOTAL <p align="center">21</p>	b. WITH CURRENT FIRM <p align="center">18</p>
15. FIRM NAME AND LOCATION (City and State) <b>Myounghee Noh &amp; Associates, L.L.C. Aiea, Hawaii</b>				
16. EDUCATION (DEGREE AND SPECIALIZATION) <b>B.A. English, University of Hawaii at Manoa</b>		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) <b>State of Hawaii Certified Asbestos &amp; Lead Professional</b>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <b>Hazardous Waste Operations &amp; Emergency Response OSHA 40 Hour Construction Safety</b>				

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION (City and State) <b>FY20 Repair AMR Child Development Center Bldg. 1783, Aliamanu Military Reservation, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <p align="center">2021</p>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Role:</b> Project Manager/Industrial Hygienist <b>Scope:</b> Comprehensive HAZMAT and AHERA investigation and Code 2 and Code 6 support. Attended the charrette, conducted a hazardous material survey at the entire building, adjacent building, and storage and chiller, and provided specifications, basis of design, and cost estimate, in support of total renovation of the CDC facility with electrical, architectural, civil, and mechanical improvements. <b>Cost:</b> \$33,798	<input checked="" type="checkbox"/>	Check if project performed with current firm
b.	(1) TITLE AND LOCATION (City and State) <b>Special Project Repair Building 489, DLA Distribution Warehouse, JBPHH, Oahu</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <p align="center">2021</p>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Role:</b> Industrial Hygienist <b>Scope:</b> Provided design support which included an existing conditions survey of multiple buildings for hazardous materials. Delivered cost estimate and specifications for hazard mitigations due to building hazmat and soil contaminants. <b>Cost:</b> \$139,519	<input checked="" type="checkbox"/>	Check if project performed with current firm
c.	(1) TITLE AND LOCATION (City and State) <b>Achieve Hexavalent Chromium Compliance, Building 1790, Air Station Barbers Point, US Coast Guard, Oahu</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <p align="center">2020</p>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Role:</b> Industrial Hygienist <b>Scope:</b> Provided a hazardous materials survey which included stressors such as asbestos, lead, and hexavalent chromium (waste product from aircraft blade maintenance). Provided design documentation including specifications, cost estimate, and bid support. <b>Cost:</b> \$18,647	<input checked="" type="checkbox"/>	Check if project performed with current firm
d.	(1) TITLE AND LOCATION (City and State) <b>Health &amp; Safety and Air Monitoring for Operational Range Clearance and Maintenance at Puuloa Training Facility</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <p align="center">2019</p>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Role:</b> Industrial Hygienist <b>Scope:</b> Performed as Site Safety and Health Officer and Project Monitor. Monitored workers and environmental exposures to lead in soil and dust. Anticipated, recognized, evaluated, and controlled lead hazards, and monitored the work site for proper engineering and administrative controls. Implemented proper personal protective equipment program. Daily monitoring included personal and environmental air sampling. <b>Cost:</b> \$28,782	<input checked="" type="checkbox"/>	Check if project performed with current firm
e.	(1) TITLE AND LOCATION (City and State) <b>Special Project Repair Building 489, DLA Distribution Warehouse, JBPHH, Oahu</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <p align="center">2022</p>	CONSTRUCTION (if applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>Role:</b> Project Manager/Industrial Hygienist <b>Scope:</b> Conducted a pre-design study with a building hazmat survey and cost estimate. The old distribution warehouse was in need of electrical, telecommunication, architectural, civil, and structural upgrades. Based on the hazmat survey results, including visual survey and sampling and analyses of suspected building materials, hazardous components were identified, and contributed to the concept design. <b>Cost:</b> \$28,107	<input checked="" type="checkbox"/>	Check if project performed with current firm



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

(Complete one Section E for each key person.)

12. NAME <b>Eunjin Kotkovetz, P.E., CIH</b>	13. ROLE IN THIS CONTRACT <b>Environmental Engineer, U.S. Registered</b>	14. YEARS EXPERIENCE	
		a. TOTAL 21	b. WITH CURRENT FIRM 16
15. FIRM NAME AND LOCATION (City and State) <b>Myounghee Noh &amp; Associates, L.L.C., Aiea, Hawaii</b>			
16. EDUCATION (DEGREE AND SPECIALIZATION) M.S. Env Engineering, University of Seoul B.S. Env. Engineering, University of Seoul		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Environmental, District of Columbia, #PE907465 LEED AP with a Building Design + Construction Specialty, 10350893-AP-BD+C	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) NRPP-Radon Residential Measurement (109528 RMT) & Mitigation Provider (109527 RT) Certified Industrial Hygienist (CP 12596)			

**19. RELEVANT PROJECTS**

(1) TITLE AND LOCATION (City and State) <b>FHCON Projects, Replace Andersen Housing Ph I to XI, Andersen AFB, Yigo, Guam</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) 2025
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm a. <b>Role:</b> Project Manager/Env. Eng. <b>Scope:</b> Approx. 400 former housing buildings were demolished for new houses. Pesticide impacted soil (PIS) was found under the building foundations and its immediate vicinities. In addition, hazardous materials including asbestos cement pipes were a concern for the earthwork. Provided soil and asbestos mitigation requirements and plans including sampling and analysis plan, cost estimates, and specifications. Served as PM/ Env. DOR for DBB and DB projects and determined/ provided project requirements including PIS management, HAZMAT abatements, and radon monitoring and mitigation. <b>Cost:</b> \$900,000		
(1) TITLE AND LOCATION (City and State) <b>FY23 MCON PROJECT P-209, Dry Dock #3 Replacement (DD5), Joint Base Pearl Harbor-Hickam, Hawaii, Shipyard Infrastructure Optimization Program (SIOP)</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm b. <b>Role:</b> Project Manager/Env. Eng. <b>Scope:</b> Served as environmental DOR and conducted site investigations and provided mitigation measures such as contaminated soil/HAZMAT management. Also determined the required construction and environmental permits including the Permit Record of Decision (PROD) and prepared specifications/requirements including the Basis of Design, cost estimate, bid schedules, etc. Prepared the NPDES permit application packages. <b>Cost:</b> \$690,125		
(1) TITLE AND LOCATION (City and State) <b>Parametric Design Kwajalein Ambulatory Care Clinic U.S. Army Garrison Kwajalein Atoll</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm c. <b>Role:</b> Project Manager/Env. Eng. <b>Scope:</b> The site had site contamination due to abandoned fuel pipelines, UST, and PCB-containing transformers. Provided supervision for field investigation. Prepared a site investigation report and developed environmental requirements for contaminated soil and groundwater mitigation. Provided independent design review for DBB submittals including design analysis and specifications for environmental protection requirements, including cultural/archaeological resources and natural resources, and contaminated soil mitigation. <b>Cost:</b> \$119,764		
(1) TITLE AND LOCATION (City and State) <b>FY13 PAIP LXEZ 13-4286, Improve Family Housing Infrastructure Ph2, Kadena Air Base, Okinawa, Japan</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm d. <b>Role:</b> Project Manager/Env Eng. <b>Scope:</b> Participated in pre-design conference and coordinated with base personnel to identify potential site environmental issues and requirements. Conducted a Phase I Environmental Site Assessment along the planned utility corridors to identify recognized environmental conditions at the subject sites, planned to be disturbed due to construction. Provided site investigations and hazardous material surveys, documentation of design concept, cost estimate, and specifications. <b>Cost:</b> \$54,376		

## **Attachment C - MNA Statement of Qualifications**



Myounghee Noh & Associates

## Statement of Qualifications

### PROFILE

Size of Firm  
18 employees

### OFFICES

98-025 Hekaha Street, 215A  
Aiea, Hawaii 96701  
(808) 484-9214

16-643 Kipimana Street, Ste12  
Keaau, Hawaii 96749  
(808) 769-4221

215 Rojas Street  
Suite 100  
Harmon, Guam 96913

### PROFESSIONAL ENGINEERS (PE)

Eunjin Kotkovetz, D.C.  
Myoungjoo Lee, Hawaii

### CONTACT

Myounghee Noh, MS, MBA,  
CIH, CSP  
mnoh@mnaenvironmental.com  
808.551.2888 (mobile)

### WEBSITE

[www.mnaenvironmental.com](http://www.mnaenvironmental.com)

### ORGANIZATION

**Myounghee Noh & Associates, L.L.C. dba MNA Environmental (MNA)**, is a Hawaii-based small business and has served in the environmental industry since 1999. From our reporting centers on Oahu and Hawaii islands and California, MNA brings to our clients a range of experience from Good Laboratory Practice laboratory science management to environmental investigation, remediation, and regulatory compliance. MNA graduated from the SBA 8(a) program in February 2010. MNA's qualifications include, but are not limited to: Environmental Engineering; Environmental Site Assessments; Remedial Investigations / Feasibility Studies; Industrial Hygiene; Asbestos and Lead-Based Paint Inspections & Management; Facility Audits; Environmental Assessments (EA – NEPA & HAR 343); Landfill Remediation; Indoor Air Quality; Regulatory Compliance.

Over the past 25 years in business, MNA has demonstrated our competence and excellence in conducting environmental studies, investigations, and design & construction support services for the State of Hawaii and Counties of Honolulu, Hawaii, Maui, and Kauai, as well as NAVFAC, USACE, US Coast Guard, and US Air Force projects in Hawaii and in the Indo-Pacific region. Design AE projects include: schools, parks facilities, water front, aircraft hangars, installation operations facilities, headquarters, barracks, hospitals/clinics, landfill, as well as and MWR facilities (family housing, child development, pools, athletic, recreational).

MNA was awarded numerous 8(a) contracts by the USACE and USCG during 2001-2010, and a SB Environmental MATOC in 2004 by the USACE Pacific Ocean Division of which task orders ranged from building hazardous materials surveys to UST removal and landfill restoration.

### PROFESSIONAL SERVICES

- ✓ Environmental Engineering
- ✓ Environmental Site Assessments (Phase I, II, III ESA)
- ✓ Environmental Assessment (EA – NEPA/HRS 343)
- ✓ Lead, Asbestos, PCB, and other Hazmat Surveys; Abatement Design
- ✓ Remedial Investigation / Feasibility Study
- ✓ Risk Assessment
- ✓ Facility Audits; Industrial Hygiene
- ✓ Indoor Air Quality; Mold Investigation
- ✓ Site QA/Air Monitoring and Compliance

## Past Experience

Myounghee Noh & Associates, dba MNA Environmental (MNA), is a small environmental firm engaged in federal, state, county, and commercial projects since 1999. MNA provides proven excellence, nearly around the clock, for various government agencies in Hawaii and for US DoD in the Indo-Pacific region. Site investigations, environmental impact assessment and mitigation, and hazard mitigations supporting construction and renovation designs have been one of core services.

MNA has been supporting the federal, state, and county government agencies as Environmental Designer of Record for numerous Architect-Engineer IDIQ contracts, including but are not limited to, environmentally and operationally sensitive sites such as waterfront, shipyards, airfields, communications, and armory projects. Many of the projects require the capabilities for and knowledge of NEPA/HEPA, installation procedures, and local regulations and practices, and MNA has contributed to numerous project successes with design and construction at DoD strategic locations. MNA is currently supporting the design of Dry Dock 5 development in Joint Base Pearl Harbor-Hickam, Hawaii, and Guam buildup as well as projects in Diego Garcia, the Republic of Palau, the Marshall Islands, and the Federated States of Micronesia (FSM).

## DoD Project Locations:

MNA's projects have been in Hawaii and in the Pacific Rim. MNA has conducted site investigations per various design requirements, including but not are limited to: building hazardous materials surveys, soil and groundwater sampling and analysis, Basis of Design, specifications, DB/DBB RFPs, cost estimates for hazard abatement, and PCAS. Shown below are locations of DoD projects, and project descriptions are provided for selected projects:

- USDoD in Hawaii –
  - [Island of Oahu](#) (Schofield Barracks, Fort Shafter, Tripler Army Medical Center, Aliamanu Military Reservation, Helemano Military Reservation, Joint Base Pearl Harbor-Hickam (JBPHH), MCBH Kaneohe Bay / Camp Smith, Kalaeloa, Navy Housing, Red Hill Fuel Storage Facility, etc.)
  - [Island of Hawaii](#) (Hilo Radio Bay, Pohakuloa Training Area, Kilauea Military Camp)
  - [Island of Maui](#) (Haleakala, CG Station Maui)
  - [Island of Kauai](#) (Pacific Missile Range Facility, CG Station Kauai)
- Okinawa - Kadena Air Base, Futenma, Hansen
- Korea - former Yongsan Army Garrison and other U.S. camps, Humphreys Army Garrison, Osan Air Base, Kunsan Air Base, Camp Mujuk
- Guam - Andersen Air Base, Naval Base Guam, USCG Station Guam, Camp Blaz
- CNMI - Saipan, Tinian
- Palau - Babeldaob, Angaur
- Marshall Islands - Kwajalein, Meck, Roi-Namur

- Philippines - Camp Navarro (Mindanao), Edwin Andrews Air Base (Mindanao), Fort Magsaysay (Nueva Ecija), and Delta Gate Hangar (Manila)

Selected projects:

- 1. NAVFAC Pacific, Yap Maintenance Dredging, Colonia, Yap, FSM.** MNA is supporting the AE design team to conduct studies/site investigations for potential projects that may include: 1) maintenance dredging of the Yap Harbor (comprised of the Yap Sea Port, Yap Fishing Authority Wharf, Tamil Harbor, and the shipping channel), 2) structural capacity of the Yap pier, and 3) capabilities survey for moorings and anchorage in Ulithi Atoll. MNA is leading the environmental study to identify environmental constraints that may impact the project, and vice versa. MNA initiated consultation with Yap government agencies to better understand the local regulations and requirements, and the nuances of how those may affect the project.
- 2. NAVFAC Pacific, FY24 MCAF P-020 Aircraft Parking Apron, Yap, FSM.** The project supports the design and construction of a parking apron at the Yap International Airport. The objective of the task order was to prepare a design bid build construction package. MNA participated in the FACD charrette and presented understanding of issues and concerns related to the project. The project will require an environmental studies and impact assessment. MNA works closely with project stakeholders to ensure requirements resultant from the environmental studies, and associated intergovernmental consultations are incorporated into design documents.
- 3. NAVFAC Pacific, FY17 Special Project TACMOR, Babeldaob and Angaur Island, Republic of Palau.** Provided environmental consulting and Republic of Palau regulatory and permit requirement assessment for design and construction phases. Participated in a planning charrette and planning and logistics for field visits. Reviewed U.S. Air Force (USAF) prepared field investigation documentation to prepare the environmental portion of the Design Bid-Build construction package, including basis of design, specifications, and cost estimate. MNA was part of the design team and supported stakeholders to develop and document environmental requirements and mitigation measures to meet the substantive environmental requirements at two remote locations. MNA presented the developing environmental course of action from pre-design to Final design at many large group stakeholder, coordination, and over-the-shoulder review meetings. Environmental concerns requiring design and mitigation included threatened and endangered species, cultural and archaeological resources, munitions and explosives of concern (MEC), high-value trees, site contamination, near shore areas, Waters of Palau, biosecurity, and green and brown waste management.
- 4. NAVFAC Marianas, Off-site Conservation Management of *Cycas micronesica*, Navy Leased Lands, Tinian, N40192-17-P-5009.** MNA was awarded a one-year prime contract involving the management of a collection of cycad plants originated from various locations in Guam and established in 2008 in the slopes of Mt. Lasso on Tinian. MNA led coordination meetings, retained a cycad subject matter expert, documented and coordinated monthly fieldwork including pest management and plant status assessment, monthly reports, cycad health assessment, and evaluation of soil nutrient cycling.

Typhoon Mangkhut struck the CNMI on 10 September 2018, causing a state of emergency to be declared throughout the islands. On 17 September 2018, MNA mobilized to the cycad plots on Tinian to assess damage from the typhoon. The site inspection revealed a 73% recovery. Some cycad plants were crushed by fallen trees and branches in Plots 1, 3-16, 21, and 24, with the most damages observed in Plot 15. While the 73% post-typhoon cycad recovery is admirable, timely site cleanup and a treatment of wounded plants are needed, as the stressed cycad plants may be more vulnerable to diseases and insects.

5. **NAVFAC Marianas, Environmental Technical Services for Haputo Partulid Snail Predation Study, Haputo Ecological Reserve Area, Finegayan, Guam.** As prime contractor, MNA managed the project schedule, secured site access, and procured and coordinated with an expert snail biologist. MNA prepared the work plan and accident prevention plan for government review and approval. MNA utilized the field data, collected by the snail expert and MNA's support staff, to prepare the draft and final reports for NAVFAC approval. The reports were delivered and contract completed ahead of the schedule.
6. **NAVFAC Pacific, Construction Capacity Analysis, Tinian, Commonwealth of the Northern Mariana Islands (CNMI).** MNA and the AE team conducted a site visit and to meet with various regulatory agencies and CNMI government officials to collect information on the existing conditions, processes and requirements for development and construction, and challenges faced by current construction and foreseen in future construction. MNA conducted background research and drafted the environmental section of the construction capacity analysis. The report provided a quantitative analysis of environmental resource impacts anticipated in four pre-determined scenarios based on construction thresholds.
7. **University of Guam Cultural Repository Facility, Lot 5372-3A, Maga, Municipality of Mangilao, Island of Guam.** MNA conducted a U.S. DOD Office of Economic Adjustment NEPA compliant environmental assessment for the construction of a cultural repository on Guam. Supported OEA and the University of Guam to develop purpose and need for the proposed action and alternatives. Completed pre-consultation with stakeholders. Led agency consultation with the Guam State Historic Preservation Office (SHPO) for National Historic Preservation Act (NHPA) Section 106 compliance, and the U.S. Fish and Wildlife Service for Endangered Species Act (ESA) Section 7 compliance. Prepared Draft EA for public and agency review and Final EA for an agency issued FONSI.
8. **NAVFAC Hawaii FY15 MCON P-861, Facility Modifications for VMU, MWSD and CH53E, Marine Corps Base Hawaii, Kaneohe, Hawaii.** The project site was located within a former fuel farm and active fuel storage tank. MNA provided site assessment including soil sampling and hazardous material survey for the areas to be disturbed and documented project requirements associated with managing contaminated soil and groundwater. MCBH Hawaii is classified as a Radon Potential Category 1 Area. MNA addressed radon testing and mitigation measures for the building design and prepared a bid package including basis of design, cost estimate, and specification. MNA also provided post-contract award service (PCAS).

- 9. NAVFAC Pacific FY20 Special Project RM 14-1240 Repair Lima Wharf, Apra Harbor, Naval Base Guam.** The objective of the project was to upgrade the wharf for berthing submarines. The project included hazardous material and surface and subsurface existing conditions survey. During the hazardous material survey, polychlorinated biphenyls (PCB) contaminated electrical manholes were found due to leaking from Paper Insulated Lead Covered (PILC) cables. MNA prepared environmental mitigation measures and specifications to address contaminated soil and PCB, and contributed to design requirements, hazardous material mitigation plans, cost estimate, and specification.
- 10. USACE FY16 AFSOC103002-SOF Airfield Pavements, Kadena Air Base, Okinawa, Japan.** MNA provided environmental services, including existing conditions survey and design support for this project on Kadena Air Base. The project site included five airfield aprons with concrete revetment walls, security fencing, a new proposed road, and utilities including water, sewer, electric, and drainage. MNA reviewed existing reports provided by the installation, including previous natural resources survey reports, asbestos-containing material (ACM) survey reports, PCB-containing and impacted material investigation reports, archaeological survey reports, and environmental review documents. Environmental concerns included hazardous building materials, including ACM, lead paints, and PCB- and mercury-containing electrical equipment in the existing utilities; potential presence of petroleum-impacted soil near or beneath abandoned fuel lines and under the concrete slab in the airfield, potential presence of PCB-impacted soil; documented cultural resources; protected species within/near the project boundary; and munitions and explosives of concern (MEC). MNA documented environmental requirements in design submittals including basis of design, cost estimate, and specifications.
- 11. NAVFAC Pacific FY19 MCON PROJECT P-295, ORDNANCE OPERATIONS, Andersen Air Force Base, Joint Region Marianas, Guam.** MNA provided environmental services for development of the DD1391 planning document. In preparation for the design charrette, MNA coordinated with the host installation EV function and researched various environmental topics including mitigation requirements from the existing environmental impact statement (EIS); environmental requirements from Guam Environmental Protection Agency; requirements related to archeological/cultural resources, natural resources, MEC concerns; required environmental permits; and presence/absence of site contamination, hazardous materials/waste, and/or hazardous environmental conditions; and respective mitigation measures. MNA documented environmental requirements in the final DD1391.

In 2018, MNA participated in the design charrette and conducted a hazardous material survey. MNA prepared in-brief slides, meeting minutes, and the charrette report to document existing conditions at the site. The hazardous material survey identified ACM,

lead paints, and PCB- and mercury-containing electrical equipment at Building 9100. MNA reviewed existing soil investigation reports to develop a project specific sampling and analysis plan. During October 2018, MNA collected soil samples from 31 borings of which locations were determined based on the current site use and future site development plans, including building demolition, new building construction, and installation of utility lines and stormwater infiltration pits. Pesticides were identified in the near surface soil around Building 9100, below the Tropical Pacific Soil Environmental Screening Levels (ESL); however, due to the age of the building (built in 1966), presence of pesticide-impacted soil exceeding the ESL was suspected. Total petroleum hydrocarbon and heavy metals were identified in the soil exceeding the ESL. MNA conducted sampling of the investigation derived waste (IDW) generated during the geotechnical survey to characterize the soils for proper waste disposal. Based on review of existing information and additional hazardous material and soil screening surveys conducted, environmental concerns requiring mitigation at the project site included natural and cultural resources, MEC, hazardous building materials, and soil contamination. MNA supported design development and documented contractor requirements in 50%, 100% (pre-final), and final design submittals including basis of design, cost estimate, and environmental specifications.

**12. USACE New Kwajalein Medical Clinic, United States Army Kwajalein Atoll, Republic of the Marshall Islands.** In 2019, MNA provided environmental services for the design of the medical clinic on Kwajalein island. MNA collected, and reviewed existing, chemical data and pertinent information to evaluate environmental risks potentially affecting the design and construction of the proposed clinic. A building survey was performed to identify hazardous materials, such as asbestos, arsenic, lead, PCB, or mercury, in support of demolition design. A soil screening was also performed to assess the existing conditions that could impact the design and construction where there were known contaminations from an abandoned fuel line and suspected PCB-, heavy metals-, pesticides-, and petroleum-impacted areas. The findings were compared to the USAKA Environmental Standards and the U.S. EPA Soil Action Levels.

Reference:

Layne Hazama, NAVFAC Pacific, (808) 482-1276, [layne.hazama@navy.mil](mailto:layne.hazama@navy.mil)

Dean Kokubun, Moffatt & Nichol, (808) 533-7000, [dkokubun@moffattnichol.com](mailto:dkokubun@moffattnichol.com)

Cody Hoff, Jacobs, (817) 347-7612, [cody.hoff@jacobs.com](mailto:cody.hoff@jacobs.com)

Michael Matsumoto, SSFM International, (808) 531-1308, [mmatsumoto@ssfm.com](mailto:mmatsumoto@ssfm.com)

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