



Professional Services: Housing and Community Development: UXO Services

County of Hawaii

Date:

13 March 2025

Solicitation Number:

HRS 103D-304

Submitted to:

Kehaulani Costa, Administrator
Housing and Community Development
County of Hawaii

Submitted by:

Nakupuna Consulting, LLC



Professional Services: Housing and Community Development: UXO Services

County of Hawaii

Response to: Solicitation No. HRS 103D-304



3375 Koapaka Street, Suite B200,
Honolulu, HI 96819

251 18th St. South, Suite 1005
Arlington, VA 22202

Enclosures Being Submitted:

Statement of Qualifications

Offeror's Identifying Information:

CAGE Code: 8QP08
UEI: FAP4HJHRMJU3
TIN: 84-4180355

Person Authorized to Negotiate & Sign on Behalf of Offeror:

Larry Scherer
Managing Director
703.310.6783
lscherer@nakupuna.com

Nakupuna Consulting, LLC agrees to all the terms, conditions, and provisions included in the solicitation and agrees to furnish any or all items upon which prices are offered at the price set opposite each item.

This proposal is **valid through 180 calendar days** after the date of submission.

Disclosure Statement

This response includes data that will not be disclosed outside the Government and will not be duplicated, used, or disclosed—in whole or in part—for any purpose other than to evaluate this proposal or quotation. If, however, a contract is awarded to this offeror as a result—or in connection with—the submission of this data, the Government will have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets marked *Use or disclosure of data contained on this sheet is subject to the restrictions of the title page of this response*. The information contained in this document is submitted in confidence, is privileged and is exempt from disclosure under the Freedom of Information Act (5 U.S.C. Section 552) by reason of exemptions in Sections (b) (3)—by reference to 18 U.S.C. Section 1905—and (b) (4) of said Act.



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COVER LETTER

March 13, 2025

Kehaulani Costa
Administrator
Housing and Community Development, County of Hawai'i
1990 Kinoole Street, Suite 102, Hilo, Hawai'i 96720
ohcdprofserv@Hawaii-county.gov
808-961-8379

Subject: Statement of Qualification for Professional Services (HRS 103D-304): Housing and Community Development, County of Hawai'i

Ms. Costa,

Enclosed please find Nakupuna Consulting, LLC (Nakupuna)'s statement of qualifications for Housing and Community Development, Professional Services, HRS 103D-304.

Nakupuna will use our experience and capabilities with environmental and munitions response services to meet County of Hawai'i's goals of Housing and Community Development Professional Services, while meeting budget and schedule requirements.

Nakupuna is qualified to perform munitions response/UXO construction services, from preliminary environmental assessment/site inspections, including community engagement and strategic planning to remedial investigations/feasibility studies (RI/FSs) to implementing remedial and removal actions to achieve site closure. The following sections of our response demonstrate that:

- a) Nakupuna has extensive experience performing range clearance, anomaly avoidance, and UXO construction support at federal facilities throughout the U.S. and the Pacific.
- b) Nakupuna has flexible, experienced, responsive staff, 26 UXO personnel, that are highly trained and safety-focused, bringing extensive field and operational experience to all areas of environmental and munitions response work.
- c) Nakupuna consistently earns excellent ratings for our environmental and munitions response work.

I am enthusiastic about the prospect of doing business with County of Hawai'i and would welcome the opportunity to speak with you directly regarding any of the information found within this statement of qualification response.

Larry Scherer

Larry Scherer, Managing Director
Nakupuna Consulting, LLC
(703) 310-6783
lscherer@nakupuna.com



1. COMPANY PROFILE

Nakupuna's company information can be found in Table 1.

Table 1: Company Information

Requested Information	Response
Business Name	Nakupuna Consulting, LLC
Point of Contact	Larry Scherer Managing Director 703.310.6783 lscherer@nakupuna.com
Local Point of Contact	Darlene Ige PM 808.518.4759 dige@nakupuna.com
Principal Place of Business	251 18 th St South, Suite 1005, Arlington, VA 22202
Location of Offices	3375 Koapaka Street, Suite B200, Honolulu, HI 96819 12295 W 48th Avenue, Wheat Ridge, CO 80033 5001 Louise Drive Suite 202, Mechanicsburg, PA 17055 46585 Expedition Drive Suite 150, Lexington Park, MD 20653
Age of Firm	22 years young, since 2003
Average No. of Employees	275 employees
Business Size	8(a) certified, Native Hawai'ian Organization (NHO)–owned small business



2. EDUCATION, TRAINING AND QUALIFICATIONS OF KEY EMPLOYEES

Community Planning (Community Engagement, Strategic Planning): Ben Phillips

Education: BS Civil and Environmental Engineering, University of Texas at Austin

Training/Certifications: State of Oregon Licensing Board, Environmental EIT Cert. No. 91478EI

Qualifications: Over 5 years of Engineering for government agencies and management experience with Community and Strategic Planning

Community Planning (Environmental Assessment): Cody Pyard

Education: BS, Public Affairs, Concentration in Environmental Policy

Training/Certifications: 40 Hour EM 385-1-1; CQM for Contractors; OSHA 30 HR Construction Safety and Health; OSHA 40 HR HAZWOPER; ISO 14001:2015 Certified Lead Auditor; CPR & AED Certified

Qualifications: Over 6 years in Environmental Management

Construction Management/Inspector: Chris Rose

Education: BS, Political Science, Athens State College

Training/Certifications: USACE UXO Registration No. 0372; NAVSCOLEOD, Indian Head Naval Ordnance Station, Indian Head, MD: 1986; 40 Hour HAZWOPER: 1992; 8 Hour HAZWOPER Refresher, January 2021; 30 Hour OSHA Construction Safety and Health Course: 2016; US Army Corps of Engineers Construction Quality Management for Contractors, 2020

Qualifications: 35 years of experience that includes 10 years as a U.S. Army EOD technician and 22 years as an Unexploded Ordnance (UXO) Technician

Construction Management/Inspector: Jonathan Sheridan

Education: N/A

Training/Certifications: Manager of Quality/Organizational Excellence Certification CMQ/OE (May, 2019); OSHA 30hr Construction (Nov, 2015), OSHA 40 Hour HAZWOPER (May, 2011)

Qualifications: Senior UXO Supervisor (SUXOS), bringing over 20 years of experience in Explosive Ordnance Disposal (EOD) and Environmental Remediation

General Engineering (Construction Inspector): Liane Rosen

Education: MBA, University of Hawaii; BS Industrial & Systems Engineering University of Southern California

Certification: Professional Engineer (PE) in the State of Hawai'i; PE-5799; Expiration 04/30/2026

Qualifications: Over 35 years of professional leadership and management experience in environmental planning, site restoration, and facilities management for Department of Defense (DoD), including MMRP projects for munitions & explosives of concern (MEC) cleanups

General Engineering (Project Manager): Darlene Ige

Education: MBA, University of Hawai'i; BS Civil Engineering, University of Hawai'i

Certification: Professional Engineer (PE) in the State of Hawai'i, PE-5624; Expiration 04/30/2026



Qualifications: Over 30 years of Program/Project Management of Environmental Restoration Projects

Safety Engineering: Chris Matute

Education: AAS (Abet Accredited Degree Program) Occupational Safety and Health

Training/Certifications: USACE UXO Registration No. 3075; HAZWOPER 40 Hour (FEB 2008); HAZWOPER 8 Hour Refresher (Oct 2024); OSHA 30 Hour Construction Safety Course, (Apr 2012 and Jan 2022); ASQ Certified Quality Auditor (inactive) (Dec 2012); BCSP Construction Health and Safety Technician (March 2015); Hazoper Supervisor (Oct 2015); Massachusetts Licensed Blaster (Feb 2017); PMI Project Management Professional (PMP) (Mar 2018); Hawai'i Licensed Blaster (Nov 2020); ISO 9001:2015 Internal Auditor (Feb 2021)

Qualifications: Unexploded Ordnance Safety Officer with over 20 years of combined military and civilian expertise in munitions response, demolition, and safety management



Darlene Ige Professional Engineer License Card

PE-5624

DARLENE Y IGE
748 MOANIALA STREET
HONOLULU, HI 96821

PROFESSIONAL ENGINEER

NOTICE THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number PE-5624	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): CE CIVIL DARLENE Y IGE 748 MOANIALA STREET HONOLULU, HI 96821			
			
SIGNATURE OF LICENSEE _____			



Liane Rosen Professional Engineering License Card

PE-5799

LIANE K H ROSEN
2129 MCKINLEY ST
HONOLULU, HI 96822

PROFESSIONAL ENGINEER

NOTICE THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number PE-5799	Expiration date 4/30/2026		CLASSES (ACTIVE): IE Industrial
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): IE INDUSTRIAL LIANE K H ROSEN 2129 MCKINLEY ST HONOLULU, HI 96822			
SIGNATURE OF LICENSEE			



3. RECENT PROJECTS AND CLIENTS

Environmental Remediation Services (ERS) at Multiple Installations for USAG Hawai'i Contract No.: W9123824C0019 Period of Performance: 30 July 2024 – Present	COR/PM: Carrie Nelson USACE SPK carrie.r.nelson@usace.army.mil Ph#: (916) 224-7303
Long-Term Monitoring (LTM) at Multiple Army Installations for USAG Hawai'i Contract No.: W9128A19C0004 Period of Performance: 26 June 2019 – 30 Sep 2024	PM: Richard Tanaka USACE POH Richard.H. Tanaka@usace.army.mil Ph#: (808) 651-6135
Abbreviated Remedial Investigation/Focused Feasibility Study/Proposed Plan/Decision Document for Makua Underwater Munitions Response Site, O'ahu, Hawai'i Contract No.: W9128A20P0014 Period of Performance: 19 Sept 2020 – 30 Sept 2025	PM: Richard Tanaka USACE POH Richard.H. Tanaka@usace.army.mil Ph#: (808) 651-6135
Long Term Monitoring (LTM) at Operating Unit 02 Treatment System Schofield Barracks, O'ahu, Hawai'i Contract No.: W9128A22P0005 Period of Performance: 25 Apr 2023 – 30 Sept 2025	COR: Justin Bac USACE POH Justin.L.Bac@usace.army.mil Ph#: (808) 835-4095
Verification and Vapor Intrusive Sampling Peter Coleman Elementary School Pago Pago Village, American Samoa Contract No.: W912DY19D0001; TO No. W912DY19F0524 Period of Performance: 23 Jul 2019 – 28 Aug 2024	PM: Rebecca Terry USACE Huntsville Rebecca.K.Terry@usace.army.mil Ph#: (256) 895-1788 or (616) 202-6696 FUDS Program Manager: Lori Wong USACE POH Lori.L.Wong@usace.army.mil Ph#: (808) 835-4090



4. OTHER QUALIFICATIONS

The Nakupuna Companies (Nakupuna) bring over 20 years of knowledge and expertise in providing munitions response services for Department of Defense (DoD), including munitions and explosives of concern (MEC) clearance, Military Munitions Response Program (MMRP) investigations, and unexploded ordnance (UXO) construction support. We provide maintenance and clearance of Operational Ranges and investigation and removal of MEC at MMRP sites for active installations as well as for the Formerly Used Defense Sites program.

Nakupuna's Munitions Response Capabilities:

- ◆ MEC Surface and Subsurface Clearance services
- ◆ Conducting Site Investigations, Remedial Investigations, and Feasibility Studies
- ◆ Performing non-time-critical and time-critical removal actions (NTCRAs and TCRAs)
- ◆ Providing UXO Safety Escort services, including avoidance and construction support
- ◆ Prepare and review MEC plans, standard operating procedures, and other project documents
- ◆ Performing Third-Party UXO Quality Assurance services
- ◆ Providing DDESB TP18-qualified field management, UXO Technicians and Teams
- ◆ Conducting environmental sampling for munitions constituents (MC)

Nakupuna's UXO Construction Capabilities:

- ◆ Site-specific Environmental Hazard Management Plan (EHMP)
- ◆ Construction Environmental Hazard Management Plan (C-EHMP)
- ◆ UXO Construction Support Plan (CSP)

During construction: Ensuring safety during current and future land use, we:

- ◆ Supply UXO Technicians (I, II, and III)
- ◆ Provide UXO avoidance and clearance
- ◆ Identify potential UXO
- ◆ Recycle Material Documented as Safe (MDAS)
- ◆ Manage Material Potentially Presenting an Explosive Hazard (MPPEH)
- ◆ Screen soil for UXO/ MEC before transportation off-site for disposal

The Hawai'i, Department of Health (HDOH) recommends using UXO support for all subsurface activities in the Waikoloa Maneuver Area (WMA) (Areawide Environmental Hazard Management Plan for the Waikoloa Maneuver Area, Island of Hawai'i, Explosive Safety Guidance to Help Protect You from Munitions, March 2019). Nakupuna provides UXO construction support for our WMA customers, local county developments, and private landowners to help safely expedite construction while maintaining adherence to HDOH regulations.

Nakupuna has personnel with decades of experience providing relevant work throughout Hawai'i, including projects with prominent community/stakeholder engagement. As members of the

Nakupuna is ready to support UXO Construction, having thorough knowledge and understanding of:

- ◆ Hawaii's unique geology and its geophysical implications
- ◆ Local stakeholders, including general contractors and state and county officials
- ◆ Project sites within the historic WMA that are suspected to contain UXO
- ◆ Conducting UXO activities IAW USACE DoD guidance
- ◆ Funding constraints and mitigations strategies for UXO activities
- ◆ Community planning and involvement throughout environmental investigation and cleanup phases

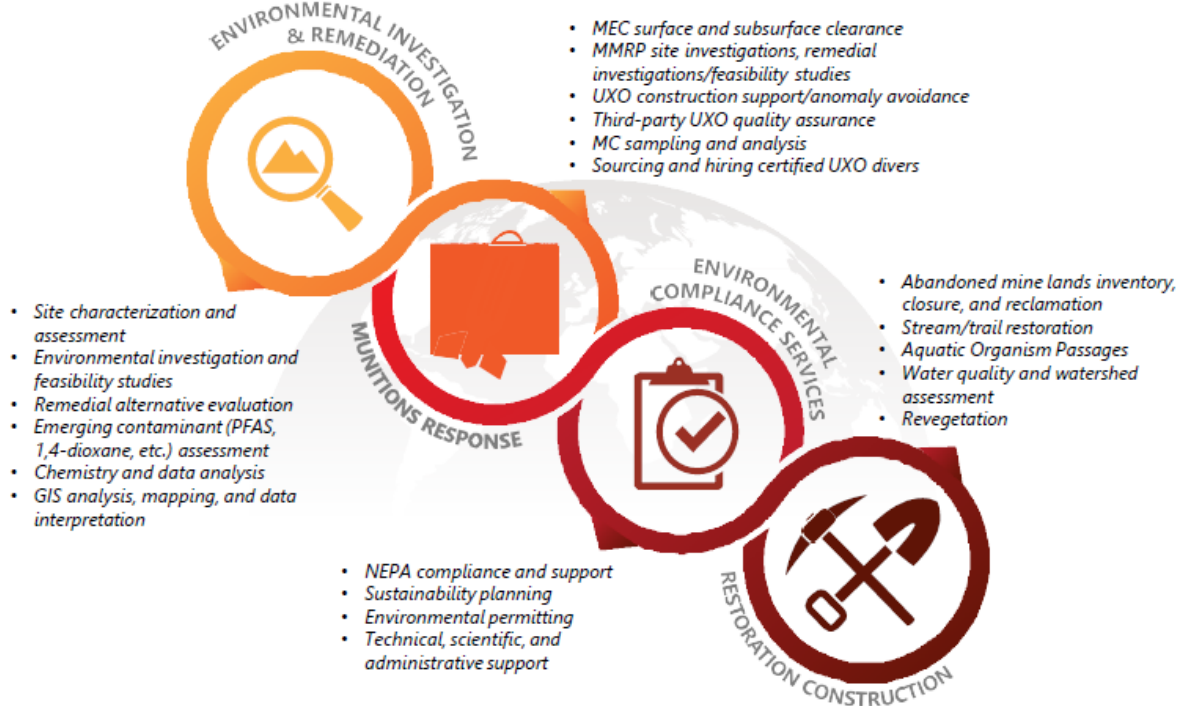


community, we are keenly aware of the public concern regarding any actions at the site and the desire to be informed. We will work with the County of Hawai'i to provide community engagement and work with regulators to assist in developing these stakeholders input and participation as a benefit to all project delivery.

Nakupuna has a 20-year history of conducting environmental investigations and cleanups for DoD agencies under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), which requires community involvement throughout the environmental investigation and cleanup phases. The community involvement includes preparing community relations plans that documented the process of engaging and collaborating with the community members and interested stakeholders throughout investigations and cleanups; developing community outreach materials such as public notices, fact sheets, brochures, and presentations; attending community and public meetings; and developing the administrative record for environmental sites. Nakupuna's personnel are trained in risk communication and have experience with preparing community involvement plans and materials as well as implementing community engagement activities.



Our Core Environmental Capabilities



Projects

The Nakupuna Companies have held recent Munitions Response and UXO Construction Support Services prime contracts with both the Omaha District and Huntsville Center of the US Army Corps of Engineers (USACE), as well as prime contracts with the USACE Honolulu District and the US Army Garrison Hawai'i. Some of our current and recent projects include:



UXO Construction Support Services for Na Hale Makoa Housing Development, Waikoloa, Hawaii

Nakupuna conducted a Phase 1 Environmental Site Assessment (ESA), a Construction Environmental Hazard Management Plan (EHMP), and Unexploded Ordnance (UXO) Construction Support on behalf of the Pacific Housing Assistance Corporation for a vacant, undeveloped parcel approximately 10 acres in the former Waikoloa Maneuver Area (WMA), Island of Hawaii, which included the following activities:

- **Phase 1 Environmental Site Assessment (ESA)** – Nakupuna conducted a Phase 1 ESA in accordance with the ASTM E1527-21, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process. A site reconnaissance of the parcel and a historical records search were conducted, and no recognized environmental conditions (RECs) were identified.
- **Construction EHMP** – This project-specific Construction Environmental Hazard Management Plan (C-EHMP) provided guidance to environmental consultants, owners, operator, tenants, and construction/utility workers who were proposing construction-related and ground-disturbing activities at this site with potential residual munitions and explosives of concern (MEC) hazards. The EHMP included a UXO Management Plan, Soil Management Plan, Groundwater, Free Product and Vapor Management Plan, and a Stormwater Management Plan.
- **UXO Construction Support** The goal for the UXO construction support was to clear areas where excavations may encounter potential UXO, ensuring the safety of contractors, the public, and future land users. Nakupuna's UXO Technicians cleared one-foot lifts of potential UXO within the excavation areas and recovered 62 pieces of munitions debris. Nakupuna was successful in aligning with construction operations and minimized delays to the construction schedule.



Quality Assurance (QA) Seed



Munitions Debris and Non-Munitions Related Debris

Outcomes

Nakupuna prepared comprehensive assessments and UXO Construction Support guidance and successfully executed the UXO construction support to minimize construction delays.



Case Study: FY21 Institutional Controls Education and Outreach for Environmental Restoration and Formerly Used Defense Sites Projects at Army Sites in Hawaii

Nakupuna was contracted by the U.S. Army Corps of Engineers Honolulu District to develop and implement a proactive education and outreach program on the unexploded ordnance (UXO) remaining from past Department of Defense activities.

The project included preparing a Work Plan describing the work that will be performed which included designing and producing educational materials such as fact sheets, educational games for children, coloring books, and school planners; designing and installing warning signs; coordinating and participating in the community, school, and public events; and scheduling and documenting all the events.

Types of event included providing awareness training of UXO to volunteer and paid fire fighters, children at the schools and after school programs, and community awareness at open markets and community events such as World Oceans Day and National Trails Day.



Maunaloa Elementary School UXO Awareness Presentation 12 May 2022



Ocean View Volunteer Fire Station UXO Safety Briefing 1 March 2022



Waimea Midweek Market 3 Rs Explosive Safety Booth 16 February 2022

Outcomes

Communities that are aware of the ordnance and explosives (OE) potentially left on sites and are educated on what to do when encountering OE.



Olowalu Rifle Range, Maui, Hawaii: Military Munitions Remedial Investigation

Na Ali'i was contracted by the U.S. Army Corps of Engineers (USACE) Honolulu District to conduct a Remedial Investigation the former Olowalu Rifle Range (ORR), Maui, Hawaii, in accordance with the MMRP for the Hawaii Army National Guard (ARNG). The MMRP follows the Comprehensive Environmental Response, Compensation, and Liability Act process.

A Remedial Investigation (RI) was conducted in 2019 and a supplemental investigation in 2020 at the ORR with the objective of characterizing and delineating the nature and extent of site contamination as well as identifying the inaccessible areas and quantifying the volume of soil potentially requiring remediation. The extent and concentration of MC contamination was determined through the collection of surface Incremental Sampling (IS) from five Decision Units (DUs). A risk assessment summarized the results of the RI, detailing the development of applicable or relevant and appropriate requirements (ARARs) and resulting remedial action activities, identifying the response alternatives, and providing detailed alternative descriptions and a comparative analysis of the remedial response alternatives.

A Human Health Risk Assessment (HHRA) evaluated potential adverse human health effects associated with current and future exposure to contaminants occurring in soils at the Site due to historic use as a firing range. Lead was identified as a Contaminant of Concern (COC) at one of the DUs.



Field personnel collecting GPS points.



Field personnel using hand auger to obtain incremental samples.



Parapet for target area.



Former Olowalu Rifle Range

Outcomes

Delineated soil contamination for USACE and ARNG to effectively prioritize, budget, and plan for future remedial actions at the site.



Kanaio Local Training Area (LTA), Maui, Hawaii: Military Munitions Site Inspection

Na Ali'i was contracted by the U.S. Army Corps of Engineers (USACE) to conduct a geophysical investigation and soil sampling activities as part of an environmental Site Inspection at the former Kanaio Local Training Area (LTA), Maui, Hawaii, in accordance with the MMRP for the Hawaii Army National Guard (ARNG). The MMRP follows the Comprehensive Environmental Response, Compensation, and Liability Act process.

Upon closure of the Kanaio LTA in 2016, ARNG needed to assess the site to ensure that munitions and explosives of concern (MEC) and munitions constituents (MC) do not pose an unacceptable risk to human health and the environment before turning the land back over to the State of Hawaii.

Ensuring compliance with the latest federal and local policies and regulations, Na Ali'i conducted a Site Inspection which utilized geophysical survey transects to determine the presence of MEC and munitions debris remaining on site. Survey data was subsequently used to determine surface soil sampling locations. Site-specific challenges included avoidance of threatened and endangered species, sensitive cultural resources, and rugged, precipitous terrain.

Data resulting from the Site Inspection were input into the Munitions Response Site Prioritization Protocol, which is used to determine site priority and budget future remedial action requirements.



MD - Munitions Debris



MEC -
Munitions and
Explosives of
Concern
3.5-inch HEAT
Rocket
Warhead



MPPEH -
Material
Potentially
Posing an
Explosive Hazard
M-84A1
Powder Train
Time Fuze

Outcomes

Upon completion of the Site Inspection, USACE and the ARNG will be able to effectively prioritize, budget, and plan future remedial actions at the site.



Long-Term Monitoring/Site Investigation – Environmental Sampling, US Coast Guard LORAN Station, Ilio Point, Molokai, HI

Nakupuna conducted a comprehensive site investigation for the USCG at LORAN station to assess contamination levels and support future remedial actions. The 29.4-acre site was historically used for military activities, including aerial bombing. It contained potential contaminants such as asbestos, lead, and DDT, necessitating an investigation, which included the following activities:

- **Soil Sampling** – Collected 27 soil samples using HDOH DU-multi-incremental sampling (MIS) methods, targeting RCRA metals, PCBs, pesticides, and hydrocarbons.
- **Biota Sampling** – Collected 14 biota samples for analysis of RCRA metals and PCBs.
- **HAZMAT Sampling** – Collected 84 material samples from seven buildings to analyze pesticides, PCBs, asbestos, and lead.
- **ArcGIS Mapping** – Mapped contamination extent over 23 decision units, linked COPC concentrations to site features (buildings, roads, debris fields), and highlighted 33 hazardous material locations for targeted remediation.
- **Site Contextualization** – Provided visual representation of site history and contamination sources, aiding in the planning of next steps for remediation.



View of West Escarpment at Ilio Point



Former Coast Guard Station

Outcomes

The investigation defined the magnitude of contamination, supporting CERCLA recommendations to protect human health and the environment by defining the extent and nature of site impacts.



Makua Underwater Munitions (MUWM) Response Site (MRS), Waianae, HI

Nakupuna partnered with the U.S. Army Corps of Engineers Honolulu District to develop an abbreviated Remedial Investigation (RI) and Focused Feasibility Study (FFS) for a 20-acre underwater area near Makua Beach Park.

The Makua Valley has been used since the 1920s by DoD agencies for small arms and artillery firing, aerial gunnery practice and maneuvers, tactical live-fire exercises, and troop ground training. A previous Time Critical Removal Action (TCRA) found the MRS to have unacceptable site conditions, which Nakupuna analyzed remedial alternatives to.

Main project components included:

- **Remedial Investigation (RI)** – Based on existing data, recommended no further investigation and moved forward with the Focused Feasibility Study.
- **Focused Feasibility Study (FFS)** – Evaluated alternatives ranging from no action to full remediation. Concluded Underwater Controls as the preferred alternative due to lower cost and reduced risk.
- **Community Outreach & Support** – Conducted public meetings, including briefing project updates and holding question and answer sessions with the community.
- **Documentation** – Prepared a Proposed Plan, Decision Document, and Administrative Record.



Inaccessible area looking southeast



Inaccessible area looking northwest

Outcomes

The project identified the appropriate remedial alternative—Underwater Controls—while ensuring community engagement and comprehensive documentation for the next steps of addressing Munitions and Explosives of Concern.



Soil and Soil Vapor Sampling, Pago Pago, Tutuila, American Samoa

Nakupuna worked with the US Army Engineering and Support Center, Huntsville to assess levels of petroleum contamination at Peter Coleman Elementary School in Pago Pago Village. The site is a remote former military installation which housed a drummed petroleum fuel storage that leaked into the soil and stream. The project consisted of:

- **Logistics** – Coordinated border entry, COVID compliance, soil permits, and local suppliers and subcontractors.
- **GIS** – Used ArcGIS to identify proposed sampling locations and create the following 10 figures to inform where best to recover representative vapor samples from:
 - Site Location
 - Layout Maps
 - Areas of Concern
 - Proposed Sample Locations
 - Soil Contamination Plume
 - Soil Sample Location (x3)
 - Soil Vapor Sample Locations (2)
- **Sampling** – Collected soil and soil vapor samples from the project site.
- **Human Health Risk Assessment** – Analyzed data to determine if contamination posed an unacceptable risk to human health.
- **Proposed Plan** – Prepared a Proposed Plan to facilitate public involvement in remedy selection.



Soil sampling



Soil vapor sampling

Outcomes

Soil and soil vapor samples collected from the site helped Nakupuna prepare a supplemental investigation report with a risk assessment of the contamination.



Cleaning Six Potable Water Above-Ground Tanks on Oahu

Nakupuna worked with NAVFAC Hawaii to return six portable water tanks to a serviceable status as a viable, above-ground water supply. This restoration effort involved preparing work, health, and safety plans; conducting field work for cleaning and restoring the tanks; and documenting field activities.

In order to maintain compliance with State and Federal regulations, Nakupuna also obtained the relevant permits before cleaning the water tanks. The cleaning process involved:

- **Tank Dewatering** – Draining tanks in accordance with all applicable regulations and permit requirements.
- **Tank Cleaning** – Removing debris by pressure washing.
- **Tank Inspection** – Conducting tank inspections in accordance with the requirements set forth in AWWA D101-53 Out-of-Service inspections.
- **Tank Disinfecting** – Applying Calcium Hypochlorite slurry to all surfaces within each of the ASTs in accordance with the requirements set forth in AWWA C652-19 Disinfection of Water-Storage Facilities.
- **Tank Refilling** – Coordinating with NAVFAC HI in refilling tanks with potable water.
- **Water Sampling** – Confirming the water in the tanks meet drinking water standards.
- **Demobilization** – Restoring the site to its approximate fieldwork condition and coordinating with NAVFAC HI to bring tanks back into full service.

Following Nakupuna's involvement with the project, disinfection was confirmed at all sites, all project equipment was demobilized, and all Aboveground Storage Tanks (AST) were confirmed online.



Camp Smith Water Tank S-326



Red Hill Water Tank

Outcomes

Clean aboveground water tanks restored to service and filled with potable water that meets drinking water standards.



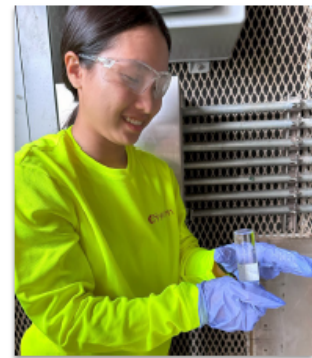
Drinking Water Monitoring and Outreach, Moanalua, HI

In coordination with NAVFAC Pacific, Nakupuna executed drinking water sampling and outreach efforts on two high-priority projects where there was significant community concern and a heightened sense of urgency. These projects required rapid action, meticulous coordination with national and state authorities, and transparent communication with the public.

- **Water Sampling & Monitoring** – Implemented a comprehensive sampling strategy to assess water quality at various points of intake and distribution, ensuring thorough coverage and accurate results.
 - Sampled at entry points
 - Sampled at fire hydrants and other distribution points
 - Analyzed 50+ contaminants of concern
 - Regular reporting and follow-up actions
- **Science Communication & Public Outreach** – Employed communication strategies to help the public understand the scientific processes behind water sampling and data interpretation.
 - Provided clear explanations of water quality testing methods and objectives
 - Delivered easy-to-understand materials to translate complex scientific data into actionable information for the community
 - Organized information sessions to address concerns and clarify findings
- **Key Challenges**
 - High visibility of the projects with intense community interest and public scrutiny.
 - Time-sensitive nature of the work, required swift action and adaptability.
 - Ensured accuracy and reliability of results in a dynamic environment.



Drinking Water Sampling of Distribution Points



VOC Sampling Quality Control Check

Outcomes

Delivered critical water quality data quickly to support decision-making and public safety. Fostered transparency and open communication for community trust.



Red Hill Re-Purposing Outreach Project on Oahu

Nakupuna worked with NAVFAC Hawaii to develop and execute an outreach program to solicit recommendations from the public for beneficial non-fuel repurposing of the Red Hill Bulk Fuel Storage Facility (RHBFSF) following the facility's closure. The program involved efforts to collect both qualitative and quantitative information from individuals and key stakeholders on Oahu. Key activities included:

- **Stakeholder "Soft Sound" Interviews** – Held with 30 community influencers across Oahu, these interviews collected specific insights on RHBFSF's repurposing through open-ended questions that could elicit common ideas and concerns.
- **Qualitative Survey** – Open to all Oahu residents, Nakupuna built a website to host an online survey to gather unguided public opinion on if and how RHBFSF should be repurposed.
- **Quantitative Survey** – Sent to a geographically representative set of households on Oahu, this online or direct-mail survey gauged respondents' opinions about ideas collected during the Soft Sound Interviews and Qualitative Survey.
- **Community Event Participation** – To raise awareness about the project, Nakupuna teams distributed fliers and attended neighborhood board meetings and community events.

Following the interviews and surveys, Nakupuna compiled a report condensing the findings and presenting them to NAVFAC so that Navy decision makers could make supported and informed decisions about the non-fuel future of RHBFSF.



Wahiawa Pineapple Festival May 2023



Nanakuli Neighborhood Board Meeting April 2023

Outcomes

Create broad awareness throughout Oahu, of the Navy's efforts to solicit public ideas for potential repurposing options for the RHBFSF after defueling/closure.



Archaeological Monitoring and Burial Recovery during Construction/Repair of a Seawall, Waianae, Oahu, Hawaii

Na Ali'i was contracted by the U.S. Army Corps of Engineers Honolulu District to develop and implement an Archaeological Monitoring Plan (AMP) which included the Burial Treatment Plan (BTP) and Site Safety and Health Plan (SSHP) to guide the monitoring and data recovery during the repair and construction of a seawall at the Pili'a'au Army Recreation Center (PARC), Waianae, Hawaii. Archaeological monitoring comprised of detection of buried cultural deposits and the examination of exposed fills for significant cultural materials and was required for earth-disturbing activities associated with the repair of the seawall.

The project area covered approximately 1.034 acres and 31 burial recovery incidents and 122 monitoring days were conducted. The significant cultural resources were properly labeled, stored, and secured for safekeeping in coordination with the Cultural Advisors. The archaeological monitors consulted and collaborated with the Cultural Advisors to ensure proper cultural protocols were followed before and after handling any sensitive artifacts.

Qualified Principal Investigators ensured that appropriate archaeological research standards were maintained and provided oversight during the archaeological monitoring, data recovery, and laboratory analyses. A Bio-archaeologist ensured that appropriate osteological research standards were maintained and that the oversight for recovery and osteological recording were compliant with the National Historic Preservation Act and applicable regulations.



Cultural Advisors performing blessing prior to the start of project



Ho'okupu – ceremonial gifts



Memorial



Ti leaves used to bless the area are disposed of in the ocean to free the area of any negative energy

Outcomes

Preservation of Native Hawaiian cultural items properly labeled, containerized, and transported to an on-site secure temporary curation facility.



Long-Term Management at Multiple Army Sites in Hawaii

Nakupuna worked with the U.S. Army Corps of Engineers Honolulu District (USACE) to develop Long Term Management (LTM) Plans at 22 Installation Restoration (IR) and Military Munitions Responses Program (MMRP) sites across Hawaii. This project implemented an LTM program at each site, that adhered to the requirements of the decision documents, and remained compliant with the Comprehensive Environmental Response, Compensation, and Liability Act process. Project work involved:

- **Remediation and Sampling** – Sampled and disposed of petroleum-contaminated soil and upgraded landfill cover and irrigation system
- **Environmental Documentation & Planning** – Assembled an Explanation of Significant Difference (ESD) for decision document updates and developed an Environmental Hazard Management Plan (EHMP) for an Underground Storage Tank (UST) site.
- **Compliance and Site Maintenance** – Conducted Land Use Control (LUC) inspections and maintained fencing and landfill caps
- **Reporting and Safety Plans** – Prepared inspection and maintenance reports; developed Accident Prevention Plans (APP), Site Safety & Health Plans (SSHP), Land Use Control Implementation Plans (LUCIP), and Long-Term Management (LTM) Plans



Mowed vegetative cover of Schofield Barracks Landfill, OU-4



Repaired Sprinkler piping at Tripler Landfill, TAMC-02



Replaced sign at Pohakuloa Training Area Landfill 1, POTA-03



Removed invasive plants from Pohakuloa Training Area Landfill No. 2, POTA-06

Outcomes

Executed all of the remedies at each work site in compliance with the decision documents, ensuring site safety, regulatory compliance, and long-term environmental protection.



Environmental Remediation Services (ERS) at Multiple Army Installations, Hawaii

Nakupuna developed four Sampling and Analytical Plans (SAPs) for groundwater and drinking water sampling to assess contamination and guide water treatment system implementation. The sampling focused on contaminants including TCE, CCl₄, VOCs, Lead, and TPH fractions, with thorough quality assurance procedures and data validation to support decision-making.

- **Sampling**
 - 880 primary samples (groundwater and drinking water), including field duplicates (FDs) and matrix spikes (MS/MSDs), sampled quarterly
 - 260 primary groundwater samples, including FDs and MS/MSDs, sampled quarterly
 - Analytes – TCE, CCl₄, VOCs, Lead, TPH-DRO, TPH-ORO, TPH-GRO
 - Managed and conducted all sample collection and shipment
 - Ensured compliance with sampling protocols and proper handling
- **Data Collection and Analysis**
 - Developed and executed a comprehensive sampling strategy
 - Managed sample collection, transportation, and shipment logistics
 - Compiled and analyzed data to assess contamination levels and inform water treatment system recommendations
- **Laboratory Analysis and Reporting**
 - Samples analyzed by a NELAP certified laboratory with strict quality assurance oversight
 - Conducted Stage 4 data validation to ensure compliance with screening levels
 - Summarized and presented results in Long-Term Management reports



Sampling groundwater from agricultural wells



Sampling groundwater from monitoring wells

Outcomes

Provided a clear assessment of contamination levels, guiding the development of water treatment solutions to protect human health and the environment.



Drinking Water Quality Sampling For PFAS, Army Materiel Command Installations

Nakupuna worked with the Army Materiel Command (AMC) to monitor drinking water systems at 23 government-owned (GOGO) and government-owned contractor-operated (GOCO) installations for PFAS contamination. This effort included the following key activities:

- **Sampling Schedule** – Conducted three rounds of sampling from 2019 to 2021 at 21 GOCO installations, following a triennial schedule.
- **PFAS Sampling** – Collected 612 primary samples, field duplicates (FDs), matrix spikes (MS/MSDs), and field blanks (FBs) for analysis of 30 PFAS compounds, focusing on PFOS and PFOA, with results compared to the EPA's lifetime health advisory level of 0.07 µg/L for PFOS and PFOA.
- **Analytical Support** – Samples were analyzed by a certified laboratory, with Nakupuna managing sample collection and shipping for GOGO installations and performing collection at GOCO sites.
- **Additional Contaminant Monitoring** – Collected samples for UCMR4 analysis at 8 GOGO and 5 GOCO installations, and for SDWA parameters at 6 GOGO and 4 GOCO installations.
- **Data Validation** – Results underwent third-party data validation to ensure accuracy and compliance with screening levels.
- **Reporting** – Compiled and summarized analytical results in the Drinking Water and High-Risk Sampling Summary Reports for review.

Following Nakupuna's involvement, all samples were collected, analyzed, validated, and results were reported to ensure regulatory compliance with applicable health and safety standards.



Collecting sample from tap.



Faucet purge prior to sampling

Outcomes

Completed water sampling and analysis, ensuring compliance with PFAS regulations and supporting safe drinking water standards at AMC installations.



DPW Form 120

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STATE OF HAWAII DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES															
QUESTIONNAIRE FOR ARCHITECTS, ENGINEERS AND OTHER PROFESSIONAL SERVICES															
QUESTIONNAIRE FOR: (LIST DISCIPLINE) Environmental Engineering, MMRP/UXO Services				OTHER QUESTIONNAIRES SUBMITTED: (LIST DISCIPLINES)								DATE 13 March 2025			
FIRM NAME Nakupuna Consulting, LLC				ESTABLISHED YEAR STATE 2019, VA		TYPE OF ORGANIZATION (Underline) Native Hawaiian-Owned Small Disadvantaged 8(a) Business INDIVIDUAL <u>PARTNERSHIP</u> CORPORATION JOINT VENTURE OTHER									
BUSINESS ADDRESS, TELEPHONE & FAX NO. OF HAWAII OFFICE 3375 Koapaka Street Suite B200 Honolulu, HI 96819 Telephone: 808.445.9506 Fax: 808.725.3730						AGE OF FIRM 6 years			FEDERAL ID NO. 84-4180355			YEARS ESTABLISHED IN HAWAII 22 YEARS			
PRINCIPALS OF FIRM: (NAMES) Cariann Ah Loo, Partner						ASSOCIATE MEMBERS OF FIRM: (NAMES) Suzanne McDonald, President									
PRESENT BRANCH OFFICE(s): (ADDRESS, TELEPHONE & FAX NO.) 251 18th Street South Suite 1005 Arlington, VA 22202 703.832.8042 808.725.3730 12295 W 48th Ave Wheat Ridge, CO 80033 303.980.4101 808.725.3730						PERSON IN CHARGE: (NAMES) Suzanne McDonald, President									
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 (UXO Techs)	Balance	
ARLINGTON, VA			2									1		3	
HONOLULU, HI		2	4				1	3			7	8	22	46	
DENVER, CO			1								3		1	5	
MECHANICSBURG, PA															
CHARLESTON, SC															
OTHER															
TOTAL		2	7				1	3			10	9	23	57	
TECHNICAL PERSONNEL: 78				NUMBER OF PERSONNEL WITH HAWAII LICENSES: 4				NUMBER OF PERSONNEL WITHOUT HAWAII LICENSES: 42							

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PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM							
NAME Cariann Ah Loo		RESIDENT OF Hawaii		NAME Suzanne McDonald		RESIDENT Virginia	
TITLE Partner				TITLE President			
YEARS OF EXPERIENCE 29	AS PRINCIPAL IN THIS FIRM 9	AS PRINCIPAL IN OTHER FIRMS 0	OTHER THAN PRINCIPAL 20	YEARS OF EXPERIENCE 27	AS PRINCIPAL IN THIS FIRM 7	AS PRINCIPAL IN OTHER FIRMS 0	OTHER THAN PRINCIPAL 11
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Southern California, B.S., 1995, Industrial and Systems Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Vanderbilt, MBA, 1998, Finance; University of the South, BA, 1993, Economics			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Society of American Military Engineers, National Association of Ordnance Contractors, Project Management Institute, Native Hawaiian Organizations Association				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS N/A			
REGISTRATION (TYPE, YEAR, STATE) PMP 1572921, 2013 Engineer in Training XE096360, 1995-Present, California				REGISTRATION (TYPE, YEAR, STATE) PMP, 2005, Nationwide			
NAME		RESIDENT OF		NAME		RESIDENT OF	
TITLE				TITLE			
YEARS OF EXPERIENCE	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL	YEARS OF EXPERIENCE	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS			
REGISTRATION (TYPE, YEAR, STATE)				REGISTRATION (TYPE, YEAR, STATE)			

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PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM					
NAME: Darlene Ige		STATUS (Underline) <u>Full-Time</u> Part-Time		NAME Liane Rosen	
TITLE OR POSITION: Environmental Program Manager (PgM)		YEARS OF EXPERIENCE: 36+ years		TITLE OR POSITION: Senior Manager	
WITH THIS FIRM 7 years	WITH LAST FIRM (NAME & NO. OF YEARS) NAVFAC PACIFIC - 35 years	WITH OTHER FIRMS N/A		WITH THIS FIRM 9 years	WITH LAST FIRM (NAME & NO. OF YEARS) NAVFAC PACIFIC - 33 years
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, M.B.A., 1986; B.S., 1980, Civil Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, M.B.A., 1986; University of Southern California, B.S. Industrial & Systems Engineering, 1980		
REGISTRATION (TYPE, YEAR, STATE) Professional Engineer (P.E.), Civil Engineering, 1984, Hawaii			REGISTRATION (TYPE, YEAR, STATE) P.E., Industrial Engineering, 1984, Hawaii		
NAME Chris Rose		STATUS (Underline) <u>Full-Time</u> Part-Time		NAME Jonathan Sheridan	
TITLE OR POSITION Environmental Engineer/UXO Manager		YEARS OF EXPERIENCE 37.5 years		TITLE OR POSITION Environmental Engineer/UXO Supervisor	
WITH THIS FIRM 2.5 years	WITH LAST FIRM (NAME & NO. OF YEARS) CH2M Hill/Jacobs, 14 years	WITH OTHER FIRMS 21 years		WITH THIS FIRM 1 year	WITH LAST FIRM (NAME & NO. OF YEARS) GSI, 1 year
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Political Science, Athens State College, 1997			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) N/A		
REGISTRATION (TYPE, YEAR, STATE) USACE UXO Registration No. 0372			REGISTRATION (TYPE, YEAR, STATE) USACE UXO Registration No. 2130		
NAME Jon Mollison		STATUS (Underline) <u>Full-Time</u> Part-Time		NAME Ben Phillips	
TITLE OR POSITION Environmental Engineer/Senior Geologist		YEARS OF EXPERIENCE 25 years		TITLE OR POSITION Environmental Engineer	
WITH THIS FIRM 1 year	WITH LAST FIRM (NAME & NO. OF YEARS) CAPE, 7 years	WITH OTHER FIRMS 17 Years		WITH THIS FIRM 2.5 years	WITH LAST FIRM (NAME & NO. OF YEARS) EnviroServices & Training Center - 2.5 years
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Geology, University of Oklahoma, 1997			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Civil & Environmental Engineering, University of Texas at Austin, B.S., 2011		
REGISTRATION (TYPE, YEAR, STATE) Professional Geologist (PG), IL, 2012, #196.001341			REGISTRATION (TYPE, YEAR, STATE) E.I.T. No. 91478EI, 2016, Oregon		



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OUTSIDE ASSOCIATES AND CONSULTANTS USUALLY EMPLOYED

DISCIPLINE	NAME OF FIRM OR INDIVIDUAL	DISCIPLINE	NAME OF FIRM OR INDIVIDUAL
N/A			

ERRORS AND OMISSIONS INSURANCE

DOES YOUR FIRM HAVE ERRORS & OMISSION (E&O) INSURANCE? (Underline)			AMOUNT OF COVERAGE PER CLAIM	AMOUNT OF DEDUCTIBLE
<u>YES</u>	NO	PROJECT INSURANCE	\$1,000,000	\$10,000

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

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**SUMMARY OF YOUR FIRM'S COMPLETED AND PRESENT PROJECTS DURING THE LAST TEN YEARS****AS A PRIME A/E CONSULTANT**

TOTAL NUMBER OF COMPLETED PROJECTS	36
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS	\$26,730,371.89
TOTAL NUMBER OF PRESENT PROJECTS	14
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS	\$40,783,006.92

AS AN ASSOCIATE WITH OTHER A/E CONSULTANTS

TOTAL NUMBER OF COMPLETED PROJECTS	44
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)	\$25,488,463.84
TOTAL NUMBER OF PRESENT PROJECTS	11
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM IS RESPONSIBLE)	\$10,026,327.11

CLASS OF WORK AND PROJECT TYPE SPECIALIZATION

TYPE OF PROJECT	TOTAL NO. OF COMPLETED PROJECTS	TOTAL ESTIMATED CONSTRUCTION COST	TOTAL ESTIMATED PROJECT SIZE (G.S.F.)
Environmental Engineering	4	\$19,051,592.19	N/A
MMRP/UXO Services	5	\$4,455,673.05	N/A

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 sitework, renovation/alteration, architectural barrier removal, fire alarm system, etc.

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PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (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 Engineering, MMRP/UXO Services							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
2025	Design, Install, & Maintain Carbon Filtration System at Villa Rose Farm, Waialua, HI (Env Engineering)	Darlene Ige	USACE POH - Mark Arakaki; Building 230 Ft. Shafter, HI, 96858-5440; 808.835.4103	\$880,132.49	12	100	95
2021	Olowalu Firing Range MEC Remedial Investigation/Feasibility Study, Maui, Hawaii (MMRP/UXO)	Darlene Ige	USACE POH - Walter Nagai; Building 230 Ft. Shafter, HI, 96858-5440; 808.208.2886	\$507,241.21	N/A	N/A	100
2026	Sand Island State Recreation Area (SISRA) Phase 1 Resource Protection Improvements, Honolulu, HI (Env Engineering)	Darlene Ige	State of Hawaii Department of Land & Natural Resources Engineering Division - Brandon Kim; 1151 Punchbowl St. Rm. 221 Honolulu, HI 96813; 808.587.0248	\$2,301,908.49	N/A	N/A	50
2029	Environmental Remediation Services (ERS) at Multiple Installations for USAG Hawai'i (Env Engineering)	Darlene Ige	USACE SPK - Carrie Nelson; 1325 J St Room 1640, Sacramento, CA 95814; (916) 224-7303	\$13,186,640.48	N/A	N/A	10
2025	Abbreviated Remedial Investigation/Focused Feasibility Study/Proposed Plan/Decision Document for Makua Underwater Munitions Response Site, O'ahu, Hawai'i (Env Engineering/MMRP/UXO)	Darlene Ige	USACE POH - Richard Tanaka; Building 230 Ft. Shafter, HI, 96858-5440; 808.835.4103	\$199,121.15	N/A	N/A	40

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**PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (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 Engineering, MMRF/UXO Services							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
2024	Verification and Vapor Intrusive Sampling, Peter Coleman Elementary School, Pago Pago Village, American Samoa (Env Engineering)	Darlene Ige	U.S. Army Engineering & Support Center, Huntsville - Rebecca Terry; 4820 University Square, Huntsville, AL 35816; 256.895.1788	\$55,467.01	N/A	N/A	100
2025	Cleaning of Six Potable Water Aboveground Tanks, Joint Base Pearl Harbor, Hawaii (Env Engineering)	Darlene Ige	Naval Facilities Engineering Command Hawaii - Manuel Llanes; 400 Marshall Road, Joint Base Pearl Harbor, HI 96860-3139; 808-471-3199, 808-474-1543	\$2,627,443.72	5	100	80
2018	Hawaii Army National Guard Former Kanaio Local Training Area Site Inspections, Maui, HI (MMRF/UXO)	Cariann Ah Loo	USACE POH - Young Chong; Building 230, Ft. Shafter, HI, 96858; 916.557.7212	\$406,920.55	N/A	100	100
2024	HI DLNR Ilio Point UXO Fenceline Corridor Survey (MMRF/UXO)	Darlene Ige	DLNR - Peter Landon; 1151 Punchbowl St, Honolulu, HI 96813; 808.268.8699	\$28,294.81	N/A	N/A	100
2026	IAAAP MMRF NTCRA(MMRF/UXO)	Darlene Ige	USACE Omaha - Melanie Caines; 1616 Capitol Ave, Omaha NE, 68102; 402.995.2066	\$3,314,095.33	N/A	N/A	15

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Professional Services: Housing and Community Development: UXO Services

Solicitation No. HRS 103D-304

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

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

TYPE: Environmental Engineering, MMRP/UXO Services								
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	CONST.
2024	Atlas Site 4 Feasibility Study, Cheyenne, Wyoming (Env Engineering)	USACE NWO - Laura Deck; 106 15th St. Omaha, Nebraska 68102-1618; 402.955.2073	\$7,671,042	\$2,280,699.17	12	URS	100	100
2025	Atlas 2 Remedial Investigation/Feasibility Study; Cheyenne, Wyoming (Env Engineering)	USACE NWO - Laura Deck; 106 15th St. Omaha, Nebraska 68102-1618; 402.955.2073	\$2,634,615	\$797,758.56	N/A	URS	100	60
2025	Waikoloa B,O,Q,J Remedial Design, Island of Hawaii, Hawaii (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$33,967,000.17	\$808,494.88	36	Performed as Managing Partner of Na Ali'i-ERRG JV, as a subcontractor to prime HGL	66	N/A
2023	Waikoloa Lalamilo Remedial Action, Island of HI, HI (MMRP/UXO)	CEHNC - Kenneth Bryant; 4820 University Square, Huntsville, Alabama 35816-1822; 256.895.5294	\$8,260,839.94	\$1,979,266.97	12	Performed as Managing Partner of Na Ali'i-ERRG JV	N/A	100
2027	CEHNC Waikoloa Maneuver Area Project 20 RI/FS Support; Waikoloa, HI (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$9,000,000	\$128,464.22	N/A	HGL		
2027	CEHNC Waikoloa Maneuver Area Project 21 RI/FS; Waikoloa, HI (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$9,402,000.21	\$269,357.49	N/A	HGL	N/A	15
2025	Board of Water Supply Waihee Wells UXO Clearance Support, Honolulu, HI (MMRP/UXO)	Honolulu BWS - Wesley Wong; 630 S Beretania St., Honolulu, HI 96843; 808.748.5000	\$5,000,000	\$188,781.85	N/A	Engineers Surveyors Hawaii Inc.; Kennedy Jenks	N/A	95

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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.

Please see Insert 1.

As of this date 13 March 2025 the foregoing is a true statement of facts.

NAME OF FIRM OR INDIVIDUAL SUBMITTING QUESTIONNAIRE

Nakupuna Consulting, LLC

TYPE NAME AND TITLE OF PERSON SIGNING

Larry Scherer, Managing Director

SIGNATURE

Larry Scherer

NOTE: It is to a firm's advantage to maintain its experience record on a current basis. This may be accomplished by periodically forwarding current data to DAGS.



PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME		TITLE AND POSITION		YEARS WITH FIRM	
Cariann Ah Loo		Partner		8 years	
MAJOR RESPONSIBILITIES WITH THIS FIRM					
- Establishes strategic goals for overall growth and profit of the company. - Establishes priorities for competing resources. - Oversees marketing, budgeting, program execution, and tracking performance against internal/external metrics on a continual basis. - Develops and manages contracts in the Environmental Services business line.					
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.)					
FIRM:		DATE		FIRM:	
Pelatron, Inc.		FROM: TO:		Cape Environmental	
		2012 2015		FROM: TO:	
				2011 2012	
ADDRESS:		ADDRESS:		ADDRESS:	
3375 Koapaka Ste, STE F200, Honolulu, HI 96819		155 Kapalulu Pl, Honolulu, HI 96819		155 Kapalulu Pl, Honolulu, HI 96819	
JOB TITLE:		JOB TITLE:		JOB TITLE:	
Environmental PqM/PM		Project Manager		Project Manager	
SUPERVISOR'S NAME AND TITLE:		SUPERVISOR'S NAME AND TITLE:		SUPERVISOR'S NAME AND TITLE:	
Eric Takamura, Program Manager (retired)		Don Sanders, Pacific Manager (retired)		Don Sanders, Pacific Manager (retired)	
MAJOR DUTIES: Managed a \$9.5M Army remediation performance-based contract. Duties included frequent client communication and public involvement planning; technical research and report development; establishing work breakdown structures and budgets; updating and tracking progress schedules; field work oversight; and tracking and invoicing project costs.		MAJOR DUTIES: Developed and executed of multiple projects on the Navy Small Business Remedial Action Contract.		MAJOR DUTIES: Developed and executed of multiple projects on the Navy Small Business Remedial Action Contract.	
FIRM: Shaw Environmental and Infrastructure; Formerly IT Corporation; Formerly OHM Remediation		DATE		FIRM:	
		FROM: TO:		FROM: TO:	
		1995 2011			
ADDRESS:		ADDRESS:		ADDRESS:	
590 Paiea St, Honolulu, HI					
JOB TITLE:		JOB TITLE:		JOB TITLE:	
Environmental and Fuels Program Manager					
SUPERVISOR'S NAME AND TITLE:		SUPERVISOR'S NAME AND TITLE:		SUPERVISOR'S NAME AND TITLE:	
Spencer Patterson, Senior Manager					
MAJOR DUTIES: Responsibilities included oversight of more than \$50M of USAF and USN cost-plus and fixed-price projects throughout the project lifecycle. Duties included development of estimates, proposals, organizational and work breakdown structures, statements of work, and schedules; management of internal and external resources and clients; execution of field work; preparation of final contract deliverables; and project closeout.		MAJOR DUTIES:		MAJOR DUTIES:	

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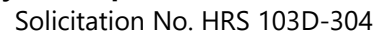


Proof of Insurance

ACORD®		CERTIFICATE OF LIABILITY INSURANCE		DATE(MM/DD/YYYY) 05/10/2024		
THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.						
IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).						
PRODUCER Aon Risk Services Northeast, Inc. New York NY office One Liberty Plaza 165 Broadway, Suite 3201 New York NY 10006 USA			CONTACT NAME: PHONE (A/C No. Ext): (866) 283-7122 FAX (A/C No.): (800) 363-0105 E-MAIL ADDRESS:			
INSURED Nakupuna Consulting, LLC 251 18th St. South, Suite 600 Arlington VA 22202 USA			INSURER(S) AFFORDING COVERAGE		NAIC #	
			INSURER A: Federal Insurance Company		20281	
			INSURER B: Nautilus Insurance Company		17370	
			INSURER C: Great Divide Insurance Co		25224	
			INSURER D:			
			INSURER E:			
			INSURER F:			
COVERAGES CERTIFICATE NUMBER: 570105677172 REVISION NUMBER:						
THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS. Limits shown are as requested						
INSR LTR	TYPE OF INSURANCE	ADDITIONAL INSURED	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	X COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PRO-JECT ☐ LOC OTHER:		ECP202219217	05/01/2024	05/01/2025	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$25,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
C	AUTOMOBILE LIABILITY ☐ ANY AUTO ☐ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☒ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY		BAP2027308-16	05/01/2024	05/01/2025	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident) Comp./Coll Deductible \$1,000
B	X UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE ☐ DED ☐ RETENTION		FFX202219317	05/01/2024	05/01/2025	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR, PARTNER / EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N/A	WCA202219417 Workers Comp - AOS WCA202892415 workers comp - AZ	05/01/2024 05/01/2024	05/01/2025 05/01/2025	X PER STATUTE E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE-EA EMPLOYEE \$1,000,000 E.L. DISEASE-POLICY LIMIT \$1,000,000
B	Environmental Professional (E&O) Liab		ECP202219217 Claims Made	05/01/2024	05/01/2025	Each Claim Deductible \$1,000,000 \$10,000
DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required) Evidence of Insurance.						
CERTIFICATE HOLDER Nakupuna Consulting, LLC 251 18th Street South, Suite 600 Arlington VA 22202 USA			CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE <i>Aon Risk Services Northeast, Inc.</i>			

Holder Identifier :

Certificate No : 570105677172



STATE OF HAWAII
DEPARTMENT OF ACCOUNTING AND GENERAL SERVICES

QUESTIONNAIRE FOR ARCHITECTS, ENGINEERS AND OTHER PROFESSIONAL SERVICES

QUESTIONNAIRE FOR: (LIST DISCIPLINE) Environmental Engineering, MMRP/UXO Services	OTHER QUESTIONNAIRES SUBMITTED: (LIST DISCIPLINES)	DATE 13 March 2025
FIRM NAME Nakupuna Consulting, LLC	ESTABLISHED YEAR STATE 2019, VA	TYPE OF ORGANIZATION (Underline) Native Hawaiian-Owned Small Disadvantaged 8(a) Business INDIVIDUAL <u>PARTNERSHIP</u> CORPORATION JOINT VENTURE OTHER
BUSINESS ADDRESS, TELEPHONE & FAX NO. OF HAWAII OFFICE 3375 Koapaka Street Suite B200 Honolulu, HI 96819 Telephone: 808.445.9506 Fax: 808.725.3730	AGE OF FIRM 6 years	FEDERAL ID NO. 84-4180355
PRINCIPALS OF FIRM: (NAMES) Cariann Ah Loo, Partner	ASSOCIATE MEMBERS OF FIRM: (NAMES) Suzanne McDonald, President	
PRESENT BRANCH OFFICE(s): (ADDRESS, TELEPHONE & FAX NO.) 251 18th Street South Suite 1005 Arlington, VA 22202 703.832.8042 808.725.3730 12295 W 48th Ave Wheat Ridge, CO 80033 303.980.4101 808.725.3730	PERSON IN CHARGE: (NAMES) Suzanne McDonald, President	

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 (UXO Techs)	Balance	
					Mech.	Electri	Civil	Others							
ARLINGTON, VA			2									1		3	3
HONOLULU, HI		2	4				1	3			7	8	22	46	46
DENVER, CO			1								3		1	5	5
MECHANICSBURG, PA															
CHARLESTON, SC															
OTHER															
TOTAL		2	7				1	3			10	9	23	57	57
TECHNICAL PERSONNEL: 78				NUMBER OF PERSONNEL WITH HAWAII LICENSES:					4	NUMBER OF PERSONNEL WITHOUT HAWAII LICENSES:					42

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM

NAME Cariann Ah Loo				RESIDENT OF Hawaii		NAME Suzanne McDonald				RESIDENT Virginia					
TITLE Partner						TITLE President									
YEARS OF EXPERIENCE 29		AS PRINCIPAL IN THIS FIRM 9		AS PRINCIPAL IN OTHER FIRMS 0		OTHER THAN PRINCIPAL 20		YEARS OF EXPERIENCE 27		AS PRINCIPAL IN THIS FIRM 7		AS PRINCIPAL IN OTHER FIRMS 0		OTHER THAN PRINCIPAL 11	
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Southern California, B.S., 1995, Industrial and Systems Engineering						EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Vanderbilt, MBA, 1998, Finance; University of the South, BA, 1993, Economics									
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS Society of American Military Engineers, National Association of Ordnance Contractors, Project Management Institute, Native Hawaiian Organizations Association						MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS N/A									
REGISTRATION (TYPE, YEAR, STATE) PMP 1572921, 2013 Engineer in Training XE096360, 1995-Present, California						REGISTRATION (TYPE, YEAR, STATE) PMP, 2005, Nationwide									
NAME				RESIDENT OF		NAME				RESIDENT OF					
TITLE						TITLE									
YEARS OF EXPERIENCE		AS PRINCIPAL IN THIS FIRM		AS PRINCIPAL IN OTHER FIRMS		OTHER THAN PRINCIPAL		YEARS OF EXPERIENCE		AS PRINCIPAL IN THIS FIRM		AS PRINCIPAL IN OTHER FIRMS		OTHER THAN PRINCIPAL	
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)						EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)									
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS						MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS									
REGISTRATION (TYPE, YEAR, STATE)						REGISTRATION (TYPE, YEAR, STATE)									

PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM

NAME: Darlene Ige		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Liane Rosen		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION: Environmental Program Manager (PgM)		YEARS OF EXPERIENCE: 36+ years	TITLE OR POSITION: Senior Manager		YEARS OF EXPERIENCE: 35+ years
WITH THIS FIRM 7 years	WITH LAST FIRM (NAME & NO. OF YEARS) NAVFAC PACIFIC - 35 years	WITH OTHER FIRMS N/A	WITH THIS FIRM 9 years	WITH LAST FIRM (NAME & NO. OF YEARS) NAVFAC PACIFIC - 33 years	WITH OTHER FIRMS N/A
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, M.B.A., 1986; B.S., 1980, Civil Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, M.B.A., 1986; University of Southern California, B.S. Industrial & Systems Engineering, 1980		
REGISTRATION (TYPE, YEAR, STATE) Professional Engineer (P.E.), Civil Engineering, 1984, Hawaii			REGISTRATION (TYPE, YEAR, STATE) P.E., Industrial Engineering, 1984, Hawaii		
NAME Chris Rose		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Jonathan Sheridan		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Environmental Engineer/UXO Manager		YEARS OF EXPERIENCE 37.5 years	TITLE OR POSITION Environmental Engineer/UXO Supervisor		YEARS OF EXPERIENCE 21
WITH THIS FIRM 2.5 years	WITH LAST FIRM (NAME & NO. OF YEARS) CH2M Hill/Jacobs, 14 years	WITH OTHER FIRMS 21 years	WITH THIS FIRM 1 year	WITH LAST FIRM (NAME & NO. OF YEARS) GSI, 1 year	WITH OTHER FIRMS 19 years
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Political Science, Athens State College, 1997			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) N/A		
REGISTRATION (TYPE, YEAR, STATE) USACE UXO Registration No. 0372			REGISTRATION (TYPE, YEAR, STATE) USACE UXO Registration No. 2130		
NAME Jon Mollison		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Ben Philips		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Environmental Engineer/Senior Geologist		YEARS OF EXPERIENCE 25 years	TITLE OR POSITION Environmental Engineer		YEARS OF EXPERIENCE 5 years
WITH THIS FIRM 1 year	WITH LAST FIRM (NAME & NO. OF YEARS) CAPE, 7 years	WITH OTHER FIRMS 17 Years	WITH THIS FIRM 2.5 years	WITH LAST FIRM (NAME & NO. OF YEARS) EnviroServices & Training Center - 2.5 years	WITH OTHER FIRMS N/A
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Geology, University of Oklahoma, 1997			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) BS, Civil & Environmental Engineering, University of Texas at Austin, B.S., 2011		
REGISTRATION (TYPE, YEAR, STATE) Professional Geologist (PG), IL, 2012, #196.001341			REGISTRATION (TYPE, YEAR, STATE) E.I.T. No. 91478EI, 2016, Oregon		

OUTSIDE ASSOCIATES AND CONSULTANTS USUALLY EMPLOYED

DISCIPLINE	NAME OF FIRM OR INDIVIDUAL		DISCIPLINE	NAME OF FIRM OR INDIVIDUAL
N/A				

ERRORS AND OMISSIONS INSURANCE

DOES YOUR FIRM HAVE ERRORS & OMISSION (E&O) INSURANCE? (Underline)			AMOUNT OF COVERAGE PER CLAIM	AMOUNT OF DEDUCTIBLE
<u>YES</u>	NO	PROJECT INSURANCE	\$1,000,000	\$10,000

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 A/E CONSULTANT

TOTAL NUMBER OF COMPLETED PROJECTS	36
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS	\$26,730,371.89
TOTAL NUMBER OF PRESENT PROJECTS	14
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS	\$40,783,006.92

AS AN ASSOCIATE WITH OTHER A/E CONSULTANTS

TOTAL NUMBER OF COMPLETED PROJECTS	44
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)	\$25,488,463.84
TOTAL NUMBER OF PRESENT PROJECTS	11
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM IS RESPONSIBLE)	\$10,026,327.11

CLASS OF WORK AND PROJECT TYPE SPECIALIZATION

TYPE OF PROJECT	TOTAL NO. OF COMPLETED PROJECTS	TOTAL ESTIMATED CONSTRUCTION COST	TOTAL ESTIMATED PROJECT SIZE (G.S.F.)
Environmental Engineering	4	\$19,051,592.19	N/A
MMRP/UXO Services	5	\$4,455,673.05	N/A

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 sitework, renovation/alteration, architectural barrier removal, fire alarm system, etc.

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (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 Engineering, MMRP/UXO Services							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
2025	Design, Install, & Maintain Carbon Filtration System at Villa Rose Farm, Waiialua, HI (Env Engineering)	Darlene Ige	USACE POH - Mark Arakaki; Building 230 Ft. Shafter, HI, 96858-5440; 808.835.4103	\$880,132.49	12	100	95
2021	Olowalu Firing Range MEC Remedial Investigation/Feasibility Study, Maui, Hawaii (MMRP/UXO)	Darlene Ige	USACE POH - Walter Nagai; Building 230 Ft. Shafter, HI, 96858-5440; 808.208.2886	\$507,241.21	N/A	N/A	100
2026	Sand Island State Recreation Area (SISRA) Phase 1 Resource Protection Improvements, Honolulu, HI (Env Engineering)	Darlene Ige	State of Hawaii Department of Land & Natural Resources Engineering Division - Brandon Kim; 1151 Punchbowl St. Rm. 221 Honolulu, HI 96813; 808.587.0248	\$2,301,908.49	N/A	N/A	50
2029	Environmental Remediation Services (ERS) at Multiple Installations for USAG Hawai'i (Env Engineering)	Darlene Ige	USACE SPK - Carrie Nelson; 1325 J St Room 1640, Sacramento, CA 95814; (916) 224-7303	\$13,186,640.48	N/A	N/A	10
2025	Abbreviated Remedial Investigation/Focused Feasibility Study/Proposed Plan/Decision Document for Makua Underwater Munitions Response Site, O'ahu, Hawai'i (Env Engineering/MMRP/UXO)	Darlene Ige	USACE POH - Richard Tanaka Building 230 Ft. Shafter, HI, 96858-5440; 808.835.4103	\$199,121.15	N/A	N/A	40

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (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 Engineering, MMRP/UXO Services							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
2024	Verification and Vapor Intrusive Sampling, Peter Coleman Elementary School, Pago Pago Village, American Samoa (Env Engineering)	Darlene Ige	U.S. Army Engineering & Support Center, Huntsville - Rebecca Terry; 4820 University Square, Huntsville, AL 35816; 256.895.1788	\$55,467.01	N/A	N/A	100
2025	Cleaning of Six Potable Water Aboveground Tanks, Joint Base Pearl Harbor, Hawaii (Env Engineering)	Darlene Ige	Naval Facilities Engineering Command Hawaii - Manuel Llanes; 400 Marshall Road, Joint Base Pearl Harbor, HI 96860-3139; 808-471-3199, 808-474-1543	\$2,627,443.72	5	100	80
2018	Hawaii Army National Guard Former Kanaio Local Training Area Site Inspections, Maui, HI (MMRP/UXO)	Cariann Ah Loo	USACE POH - Young Chong; Building 230, Ft. Shafter, HI, 96858; 916.557.7212	\$406,920.55	N/A	100	100
2024	HI DLNR Ilio Point UXO Fenceline Corridor Survey (MMRP/UXO)	Darlene Ige	DLNR - Peter Landon; 1151 Punchbowl St, Honolulu, HI 96813; 808.268.8699	\$28,294.81	N/A	N/A	100
2026	IAAAP MMRP NTCRA (MMRP/UXO)	Darlene Ige	USACE Omaha - Melanie Caines; 1616 Capitol Ave, Omaha NE, 68102; 402.995.2066	\$3,314,095.33	N/A	N/A	15

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 Engineering, MMRP/UXO Services								
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	CONST.
2024	Atlas Site 4 Feasibility Study, Cheyenne, Wyoming (Env Engineering)	USACE NWO - Laura Deck; 106 15th St. Omaha, Nebraska 68102-1618; 402.955.2073	\$7,671,042	\$2,280,699. 17	12	URS	100	100
2025	Atlas 2 Remedial Investigation/Feasibi lity Study; Cheyenne, Wyoming (Env Engineering)	USACE NWO - Laura Deck; 106 15th St. Omaha, Nebraska 68102-1618; 402.955.2073	\$2,634,615	\$797,758.56	N/A	URS	100	60
2025	Waikoloa B,O,Q,J Remedial Design, Island of Hawaii, Hawaii (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$33,967,000 .17	\$808,494.88	36	Performed as Managing Partner of Na Ali'i-ERRG JV, as a subcontractor to prime HGL	66	N/A
2023	Waikoloa Lalamilo Remedial Action, Island of HI, HI (MMRP/UXO)	CEHNC - Kenneth Bryant; 4820 University Square, Huntsville, Alabama 35816-1822; 256.895.5294	\$8,260,839. 94	\$1,979,266. 97	12	Performed as Managing Partner of Na Ali'i-ERRG JV	N/A	100
2027	CEHNC Waikoloa Maneuver Area Project 20 RI/FS Support; Waikoloa, HI (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$9,000,000	\$128,464.22	N/A	HGL		
2027	CEHNC Waikoloa Maneuver Area Project 21 RI/FS; Waikoloa, HI (MMRP/UXO)	HGL - Matt Tucker; 11107 Sunset Hills Rd Suite 400 Reston, VA 20190; 808-319-5007	\$9,402,000. 21	\$269,357.49	N/A	HGL	N/A	15
2025	Board of Water Supply Waihee Wells UXO Clearance Support, Honolulu, HI (MMRP/UXO)	Honolulu BWS - Wesley Wong; 630 S Beretania St., Honolulu, HI 96843; 808.748.5000	\$5,000,000	\$188,781.85	N/A	Engineers Surveyors Hawaii Inc.; Kennedy Jenks	N/A	95

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.

Please see Insert 1.

As of this date 13 March 2025 the foregoing is a true statement of facts.

NAME OF FIRM OR INDIVIDUAL SUBMITTING QUESTIONNAIRE

Nakupuna Consulting, LLC

TYPE NAME AND TITLE OF PERSON SIGNING

Larry Scherer, Managing Director

SIGNATURE

Larry Scherer

NOTE: It is to a firm's advantage to maintain its experience record on a current basis. This may be accomplished by periodically forwarding current data to DAGS.

PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME Cariann Ah Loo	TITLE AND POSITION Partner	YEARS WITH FIRM 8 years
MAJOR RESPONSIBILITIES WITH THIS FIRM - Establishes strategic goals for overall growth and profit of the company. - Establishes priorities for competing resources. - Oversees marketing, budgeting, program execution, and tracking performance against internal/external metrics on a continual basis. - Develops and manages contracts in the Environmental Services business line.		
<u>PRIOR EMPLOYMENT</u> (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.)		
FIRM: Pelatron, Inc.	DATE FROM: TO: 2012 2015	FIRM: Cape Environmental
	DATE FROM: TO: 2011 2012	
ADDRESS: 3375 Koapaka Ste, STE F200, Honolulu, HI 96819		ADDRESS: 155 Kapalulu Pl, Honolulu, HI 96819
JOB TITLE: Environmental PgM/PM		JOB TITLE: Project Manager
SUPERVISOR'S NAME AND TITLE: Eric Takamura, Program Manager (retired)		SUPERVISOR'S NAME AND TITLE: Don Sanders, Pacific Manager (retired)
MAJOR DUTIES: Managed a \$9.5M Army remediation performance-based contract. Duties included frequent client communication and public involvement planning; technical research and report development; establishing work breakdown structures and budgets; updating and tracking progress schedules; field work oversight; and tracking and invoicing project costs.		MAJOR DUTIES: Developed and executed of multiple projects on the Navy Small Business Remedial Action Contract.

FIRM: Shaw Environmental and Infrastructure; Formerly IT Corporation; Formerly OHM Remediation	DATE FROM: TO: 1995 2011	FIRM:	DATE FROM: TO:
ADDRESS: 590 Paiea St, Honolulu, HI		ADDRESS:	
JOB TITLE: Environmental and Fuels Program Manager		JOB TITLE:	
SUPERVISOR'S NAME AND TITLE: Spencer Patterson, Senior Manager		SUPERVISOR'S NAME AND TITLE:	
MAJOR DUTIES: Responsibilities included oversight of more than \$50M of USAF and USN cost-plus and fixed-price projects throughout the project lifecycle. Duties included development of estimates, proposals, organizational and work breakdown structures, statements of work, and schedules; management of internal and external resources and clients; execution of field work; preparation of final contract deliverables; and project closeout.		MAJOR DUTIES:	