

JUNE 2023

**Submittal Packet for:**

**PROFESSIONAL SERVICES  
FISCAL YEAR 2024**

**Industrial Hygiene**

**Prepared for:**

**County of Hawai‘i  
Department of Parks and Recreation**

Attention: Mr. Maurice Messina  
101 Pauahi Street  
Hilo, Hawai‘i 96720



**EnviroServices & Training Center, LLC**  
505 Ward Avenue, Suite 202  
Honolulu, Hawai‘i 96814

Phone: (808) 839-7222  
Email: [info@gotoetc.com](mailto:info@gotoetc.com)  
Website: [www.gotoetc.com](http://www.gotoetc.com)

June 30, 2023



County of Hawai'i  
Department of Parks and Recreation  
101 Pauahi Street  
Hilo, Hawai'i 96720

Attention: Mr. Maurice Messina      Email Delivery: parks\_recreation@hawaiiicounty.gov

**Subject: Letter of Interest**  
Professional Services for Fiscal Year 2024

EnviroServices & Training Center, LLC (ETC) is interested in being considered for County of Hawai'i Department of Parks and Recreation projects related to the category below:

**PR.3) Industrial Hygiene (Hazardous Materials Survey, Assessment & Planning)**

Since 1994, EnviroServices & Training Center has been the only Hawai'i-based company designed to help our clients navigate a myriad of environmental regulations with our in-house, multi-disciplined professionals. Over the past five years, ETC has averaged 60 full-time employees across our three offices. Our range of services include:

- **Industrial Hygiene** – Hazardous materials (asbestos, lead, arsenic) surveys, abatement design, air monitoring, indoor air quality investigations
- **Environmental Compliance** – EMS planning & implementation, SPCC preparation and compliance, water resource management, water quality testing, compliance training
- **Stormwater Management** – NPDES program design & implementation (MS4, industrial, construction, dewatering), erosion control, GIS/AMS implementation
- **Site Investigation & Remediation** – Phase I, II, III Environmental Site Assessment (ESA), underground storage tank closures, hazard evaluation and management, environmental remediation planning and implementation
- **Solid & Hazardous Waste Management** – Identification, packaging, profiling, transportation, disposal, environmental cleanup planning and implementation
- **Drinking Water Quality Compliance** – EPA Lead & Copper Rule Revisions (LCRR) compliance, lead service line inventory development, customer tap water sampling

Enclosed is the requested information for your review. Please contact me if you have any questions.

Aloha,

A handwritten signature in black ink, appearing to read "Michael Yee".

Michael Yee,  
Managing Principal

## ARCHITECT – ENGINEER QUALIFICATIONS

### PART I – CONTRACT – SPECIFIC QUALIFICATIONS

#### A. CONTRACT INFORMATION

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

**Notice to Providers of Professional Services for Fiscal Year 2023-2024,  
 County of Hawai'i**

2. PUBLIC NOTICE DATE  
 06/01/2023

3. SOLICITATION OR PROJECT NUMBER  
 HRS 103D-304

#### B. ARCHITECT — ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Michael Yee, Managing Principal

5. NAME OF FIRM

EnviroServices & Training Center, LLC

6. TELEPHONE NUMBER  
 (808) 839-7222

7. FAX NUMBER  
 (808) 839-4455

8. E-MAIL ADDRESS  
 mike@gotoetc.com

#### C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
<b>a.</b>	<b>X</b>			<b>EnviroServices &amp; Training Center, LLC</b>  <input type="checkbox"/> CHECK IF BRANCH OFFICE	  <u>Main Office</u> 505 Ward Avenue, Suite 202 Honolulu, Hawaii 96814  <u>Maui Office</u> 270 Waiehu Beach Road, Suite 113 Wailuku, Maui 96793	<b>ENVIRONMENTAL SERVICES:</b> <ul style="list-style-type: none"> <li>Environmental Compliance</li> <li>Stormwater Management</li> <li>Drinking Water Quality Compliance (LCRR)</li> <li>Solid &amp; Hazardous Waste Management</li> <li>Site Investigation, Assessment, and Remedial Action</li> <li>Industrial Hygiene &amp; Safety</li> <li>Compliance Training</li> </ul>
<b>b.</b>				<input type="checkbox"/> CHECK IF BRANCH OFFICE		
<b>c.</b>				<input type="checkbox"/> CHECK IF BRANCH OFFICE		

## D. ORGANIZATIONAL CHART OF PROPOSED TEAM



### **Managing Principal**

Michael Yee, B.S., M.P.H.

### **Principal**

Brant Tanaka, B.A., P.D.

Damon Hamura, B.S.E.

Gregory Perry

Kyson Morikuni, B.A., MBA

### **Administrative**

Aubri Remakel-Larson

Bianca Kim

Brittney Kaaa-Sutton, B.B.A.

Haryson Lum, B.A.

ReiMalyssa Slaughter, B.A.

Sheena Diaz

### **Aeronautical/ Environmental Engineer**

Keoni Hill, B.S.

### **Biologist/Environmental Scientist**

Daven Ruggles, B.S.

Kanani Kea, B.S.

Kara Nakachi, B.S.

Mailea Miller-Pierce, B.S., M.S., Ph.D.

Natasha Kerr, B.S.

### **CADD Technician**

Ladd Yoshimura

### **Chemist/Senior**

**Environmental Scientist**

Sharla Nakashima, B.S.

### **Sr. Civil/Environmental Engineer**

Mark Ohigashi, P.E., B.S., M.S.

Vijaya Tummala, P.E., B.S., M.S.

### **Civil/Environmental Engineer**

Doug Williams, P.E., B.S., A.S.

Rhea Quezon, B.S., M.S.

Joshua Burroughs, B.S.



### **Construction Inspector**

Clayton Akai, B.A., P.D.

Curtis Laa

Dustin Lau, B.A.A.

Ian Mclean

Kylie Luke, B.S.

Kaleo Allado

### **Project Manager/ Sr. Environmental Scientist**

John Hart, B.S.

Matt Stimpson, B.S.

### **Environmental Scientist**

Chelsea Kau, B.B.A.

Chris Gallacher, B.S.

David Henderson, B.A.

Hunter Yee, B.A.

Jacob Vasquez, B.S.

Julia Wicklund, B.S.

Kanoe Lizama, B.S.

Kawai Makuakane, B.S.

Kayla Aguado B.S.

Logan Hicks, B.S.

Shawn Tanji, B.S.

### **GIS Specialist**

Aimee Zarzynski, B.A.

Casey Kawano, B.S.

Melissa Yaris, B.A.

### **Geologist/ Environmental Scientist**

Alex Krause, B.S.

Katie Dungan, B.S.

### **HazMat Technician**

John Pahia

Michael Sua

Ty Liwis

### **Industrial Hygienist**

Akari Ihara, A.A.

Anna Scheiner, B.S.

Hercules Kahooilihala

Sara Marvin, B.S.

Stevie Ward, A.S.

### **IT Analyst**

Ikaika Honda, A.S.

### **Urban & Regional Planner/ Environmental Scientist**

Sean Taylor, B.S., M.S.

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

(Complete one Section E for each key person.)

12. NAME <b>Michael Yee</b>	13. ROLE IN THIS CONTRACT <b>Managing Principal</b>	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		36	29

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) BS, 1986, University of Washington, Environmental Science MPH, 1994, University of Hawai'i at Mānoa, Environmental Science	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> <li>REHS/RS, National Environmental Health Association</li> <li>Registered Environmental Professional (REP), NREP</li> <li>Certified Hazardous Materials Manager (CHMM), Academy of CHMM</li> <li>Hawaii, Registered Safety Officer (RSO), IBOEHS</li> </ul>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

<ul style="list-style-type: none"> <li>National &amp; Hawaii Association of Environmental Professionals, Member</li> <li>Instructor at Univ. of Hawaii, School of Public Health &amp; Leeward CC</li> <li>40 Hour Initial/Current HAZWOPER (29 CFR 1910.120) Certificate</li> <li>24 Hour HazMat Specialist Level (29 CFR 1910.120) Certificate</li> <li>8 Hour Supervisor/Mgr. HAZWOPER (29 CFR 1910.120) Certificate</li> <li>American Red Cross First Aid and CPR Instructor</li> </ul>	<ul style="list-style-type: none"> <li>Lead Safety (29 CFR 1910.1025 and 1926.62) Certificate</li> <li>OSHA Hazard Communication Standards</li> <li>DOT Hazard Awareness</li> <li>DOT Hazardous Materials Handling, Train-the-Trainer</li> <li>Industrial Fire Protection</li> <li>Driver Improvement Program</li> </ul>
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### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Commercial Harbors Environmental Compliance Support Services, Department of Transportation – Harbors Division, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>2023</b>	
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided environmental engineering and compliance support services for the DOT-Harbors. Services include soil and groundwater (e.g. UST) investigations, storm drain outfall reconnaissance inventory and mapping, environmental management system (EMS) and construction inspector training, tenant best management practices (BMP) and construction inspections assistance, public outreach and involvement, illicit discharges review, stormwater management plan revisions, Asset Management System (AMS) enhancement, and stormwater compliance assistance. Contract Manager. \$400,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Household Hazardous Waste (HHW) Collection &amp; Disposal Program, City &amp; County of Honolulu, Pearl City, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>2020</b>	
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Conducted all HHW collections on Oahu since 1994, and developed an Operations Plan and Health and Safety Plan to obtain Solid Waste Permits from the Department of Health. Received, segregated, packaged, transported, and recycled/disposed waste in accordance with applicable DOT/EPA/OSHA regulations. Successfully collected hundreds of thousands of pounds of HHW such as paint and paint-related material, petroleum, aerosols, mercury, pesticides, herbicides, and fungicides that are hazardous because of their corrosive, reactive, flammable, or toxic characteristics. Contract Manager. \$400,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Kapalama Incinerator, Off-Site Contamination Unit, Site Investigation and Remedial Action, Honolulu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>On-going</b>	
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Managed the collection of hundreds of surface and subsurface soil samples and analyzed for asbestos, dioxins/furans, and heavy metals. Excavated, packaged, transported, and disposed of thousands of tons of solid, hazardous, and radioactive wastes (e.g. soil, ash, and tritium). Conducted personal, perimeter, and work area air monitoring. Assessed off-site contamination concerns associated with historic operations. Compiled background information into a Summary Analysis Report, which was reviewed and accepted by the DOH, and submitted a Work Plan detailing on-site corrective actions to the DOH. Additional work included human health and environmental risk assessment, refined air dispersion modeling, and collection of samples from various matrices to assess impacts associated with the incinerator's stack outfall. Prepare EHMP, monitor temporary cover and maintain until start of planned site development. Contract Manager. \$630,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Environmental Compliance Support Services, Hawaii Army National Guard Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
	<b>2015</b>	
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Managed the Hawaii Army National Guard (HIARNG) contract to correct deficiencies identified by a third-party external auditor in the National Guard Bureau Web Compliance Assessment and Sustainment Systems (WEBCASS). Conducted site visits to preemptively identify deficiencies in preparation for future government and internal inspections. Focused on subsequent corrective actions for hazardous materials management. Conducted training of personnel in order to ensure procedures, practices, and policies were implemented to achieve environmental program excellence. Revised the EMS program for facilities on Oahu, Hawaii, Maui, and Kauai. Contract Manager. \$175,000.	<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 Gregory Perry	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 35	b. WITH CURRENT FIRM 29

15. FIRM NAME AND LOCATION (City and State)  
EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) 104 college credits, 1979 – 1984, University of San Francisco and University of Hawai‘i, Business Administration	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- 40 Hour Initial/Current HAZWOPER (29CFR 1910.120) Certified Instructor
  - 8 Hour Supervisor/Mgr. HAZWOPER (29 CFR 1910.120) Certificate
  - 24 Hour HazMat Specialist (29 CFR 1910.120) Certified Instructor
  - Radioactive Material Shipping & Handling Certificate
  - DOT Hazardous Materials Handling, Train-the-Trainer
  - DOT Hazardous Materials Technical Consultant for Young Brothers, LLC
  - Permit-Required Confined Space Certified Instructor
  - American Red Cross First Aid and CPR Certified Instructor
  - U.S. Army 40-hour EM-385 Construction Safety Training
  - OSHA 30-hour Construction Safety Training
  - Building Industry Association of Hawaii, 2005, Member

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<p><b>Household Hazardous Waste (HHW) Collection and Disposal Services for Department of Environmental Management, Solid Waste Division, County of Hawaii</b></p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>a. Developed and implemented an island wide HHW program for County of Hawaii. Provided public education and responded to inquiries from County of Hawaii residences. Developed the Operations Plan and Safety Plan. Coordinated collection dates, times, and locations in accordance with Solid Waste Permit. Collected, identified, segregated, packaged, labeled, transported, and disposed of &gt;100,000 pounds of HHW annually. Waste streams included flammable gases/liquids/solids, oxidizers, organic peroxides, poisons, acids, bases, mercury containing lamps and equipment, batteries, and used oil. Complied with applicable Department of Transportation regulations. Project Manager. \$800,000.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm  <p style="text-align: center;"><b>2024</b></p>	<p style="text-align: center;">CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2024</b></p>
<p><b>Fixed Price Remedial Action Contract (FRAC) for Various Sites in the Naval Facilities Engineering Command Pacific (NAVFAC Pacific) Area of Responsibility (AOR)</b></p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>b. Managed ETC’s formation of joint venture, EATC JV, and for an awarded contract to support the environmental remedial action program at various sites in the NAVFAC Pacific AOR. Performed services at various sites primarily on the Island of Oahu and Guam. Conducted removal actions such as excavation and disposal of soil, closing fuel storage tanks, on-going monitoring well sampling and gauging, preparing appropriate documentation of planned and completed actions, and performed long-term management of other related activities. Site Superintendent/Remediation Manager. \$1,417,000.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm  <p style="text-align: center;"><b>2022</b></p>	<p style="text-align: center;">CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2022</b></p>
<p><b>Hazardous Waste Removal, Various Schools for Departments of Education (DOE), Statewide, Hawaii</b></p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>c. Provided the DOE with environmental support services on an as-needed basis. Performed identification (including sampling and analysis), packaging, transportation and disposal of various types of solid and hazardous waste throughout the State of Hawaii school system. Additionally, provided emergency spill response and post cleanup sampling, analysis, and air monitoring to document cleanup efforts. Project Manager. \$1,000,000.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm  <p style="text-align: center;"><b>2024</b></p>	<p style="text-align: center;">CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2024</b></p>
<p><b>Hawaii Pacific Health (HPH) Solid and Hazardous Waste Management and Related Environmental Compliance Services, Honolulu and Kauai, Hawaii</b></p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>d. Performed audits at all HPH medical centers to determine if hazardous materials were being stored properly. Determined which solid waste generated by the hospital is RCRA regulated hazardous waste and universal waste. Based on findings of the audits, determined each hospital’s hazardous waste generator status and developed a training class to educate hospital staff on the rules and regulations and new procedures needed for compliance. Package, transport and safely dispose of approximately 20 tons of solid and hazardous waste, universal waste, and recyclable materials from the HPH facilities annually. Project Manager. \$300,000/year.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm  <p style="text-align: center;"><b>2022</b></p>	<p style="text-align: center;">CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2022</b></p>
<p><b>Hazardous Materials Sampling and Transportation US ARMY Installations, Islands of Oahu and Hawaii</b></p> <p>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</p> <p>e. Sampled, analyzed, packaged, created waste profiles, and transported all waste stored at the US Army 90 day storage sites located throughout the State of Hawaii. Waste streams managed under this contract included pesticides, paint related materials, petroleum, unknowns, and other solid and hazardous wastes. Project Manager. \$300,000.</p>	<input checked="" type="checkbox"/> Check if project performed with current firm  <p style="text-align: center;"><b>2024</b></p>	<p style="text-align: center;">CONSTRUCTION (If applicable)</p> <p style="text-align: center;"><b>2024</b></p>

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

(Complete one Section E for each key person.)

12. NAME <b>Brant Tanaka</b>	13. ROLE IN THIS CONTRACT <b>Principal</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>32</b>	b. WITH CURRENT FIRM <b>20</b>

15. FIRM NAME AND LOCATION (City and State)  
**EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii**

16. EDUCATION (Degree and Specialization) <b>BA, 1988, University of Washington, Geology and Earth Sciences          PD, 1991, University of Hawai'i at Mānoa, Secondary Science</b>	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> <li>• Registered Safety Officer (RSO), IBOEHS</li> <li>• Certified Indoor Environmentalist, CIE</li> </ul>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

<ul style="list-style-type: none"> <li>• American Industrial Hygiene Association, Hawaii Section Director (former)</li> <li>• State of Hawaii Environmental Council, Council Member (former)</li> <li>• Am. Conference of Governmental Industrial Hygienist, Member</li> </ul>	<ul style="list-style-type: none"> <li>• Indoor Air Quality Association, Member</li> <li>• 40 Hour Initial/Current HAZWOPER (29 CFR 1910.120) Certificate</li> <li>• 8 Hour Supervisor/Mgr. HAZWOPER (29 CFR 1910.120) Certificate</li> </ul>
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### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Environmental Engineering Management at Daniel K. Inouye International Airport and Kahului Airport, Honolulu and Kahului, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**a.** ETC was contracted to provide a broad range of continuous support services that included environmental engineering management, design, inspections, and compliance services with an emphasis on municipal separate storm sewer system (MS4) requirements at various airports Statewide. Specifically, provided technical expertise to meet and implement National Pollutant Discharge Elimination System (NPDES) control measure requirements that included public education and outreach, illicit discharge detection and elimination, construction site runoff control, post-construction stormwater management, pollution prevention, industrial and commercial discharge management, and monitoring. Services also included support on an array of other environmental compliance matters, such as underground injection wells, underground storage tanks, spill prevention control and countermeasure, hazardous materials removal and disposal, site screening and soil sampling, groundwater well monitoring, Environmental Hazard Evaluation (EHE)/Environmental Hazard Management Plan (EHMP), environmental mapping/GIS, and asset management system integration. Program Manager. \$9,000,000.

(1) TITLE AND LOCATION (City and State) <b>Environmental Consulting Services, Maui District MS4 Program, Island of Maui, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2024</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**b.** ETC was contracted to provide environmental compliance support to the State of Hawaii Department of Transportation (DOT), Highways Division, Maui District (HWY-M) to meet stormwater compliance requirements associated with their municipal separate storm sewer system (MS4). Specifically, HWY-M was issued an NPDES MS4 permit that required them to develop and implement control measures to prevent polluted runoff from entering and discharging from their MS4. Specifically, ETC helped to establish and implement: construction design procedures to ensure appropriate sediment and erosion control measures on HWY-M construction projects; construction inspection and enforcement procedures to manage compliance with sediment and erosion control requirements; inspection and maintenance of MS4 structures and roadways; procedures to respond to and enforce against illicit discharges and illegal connections; GIS mapping of MS4 structures and roadways; public education and outreach programs to provide awareness and training to targeted audiences that included contractors, DOT personnel, maintenance staff, industrial and commercial businesses, schools, and other stakeholders; and an Asset Management System to track and monitor compliance of the various control measures. Program Manager. \$15,000,000.

(1) TITLE AND LOCATION (City and State) <b>State of Hawaii Department of Transportation's Storm Water Management Program Plan, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**c.** Provided State of Hawaii Department of Transportation (DOT) compliance support for the stormwater management requirements mandated in the agreement between the DOT and the Environmental Protection Agency (EPA) and Hawaii Department of Health (Consent Decree), and the DOT Highways Division Oahu District's NPDES MS4 permit. Ensured that all stormwater management requirements were met. These requirements included: implementing pollution prevention best management practices (BMPs), designing erosion control slope repair projects, ensuring construction site sediment and erosion control, designing post-construction and low impact development (LID) stormwater management structures, inspecting illicit connections and illegal discharges, auditing discharge associated with industrial and commercial activities, providing maintenance facilities with environmental compliance support, conducting stormwater sampling/monitoring, developing and implementing strategies to reduce and meet waste load allocations, coordinating public outreach efforts, developing and utilizing an Asset Management System to collect/store/evaluate the data associated with this project, conducting training, and preparing and submitting reports. Program Manager. \$39,500,000.

(1) TITLE AND LOCATION (City and State) <b>Statewide Compliance – Focused Environmental Management System (EMS), Department of Transportation, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**d.** Oversaw ETC's contract to assist the State of Hawaii with implementing the agreement between the Hawaii DOT and the EPA and Hawaii Department of Health (Consent Decree). To meet the Consent Decree requirements, ETC completed a Gap Assessment of the State's overall environmental compliance; prepared Environmental Compliance Checklists for use by the DOT at each of its Transportation Baseyard facilities; developed an EMS Manual for the Harbors Division, Highways Division, and Airports Division; and provided training to all Baseyard employees and management staff. Project Manager. \$900,000.

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

(Complete one Section E for each key person.)

12. NAME <b>Damon Hamura</b>	13. ROLE IN THIS CONTRACT <b>Principal</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>27</b>	b. WITH CURRENT FIRM <b>24</b>
15. FIRM NAME AND LOCATION (City and State) EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) BSE, 1995, Loyola Marymount University, Civil Engineering MS, Graduate Coursework, University of Hawai'i at Mānoa, Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) • Honolulu District, U.S. Army Corps of Engineers (USACE), Construction Quality Management (CQM) for Contractors Certificate • California, EIT Certification	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • 40 Hour Initial/Current HAZWOPER (29 CFR 1910.120) Certificate • 8 Hour Supervisor/Mgr. HAZWOPER (29 CFR 1910.120) Certificate • American Red Cross First Aid and CPR Certificate			

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) <b>Commercial Harbors Environmental Compliance Support Services, Department of Transportation – Harbors Division, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Provided environmental engineering and compliance support services for the DOT-Harbors. Such services include but are not limited to soil and groundwater (e.g. UST) investigations, storm drain outfall reconnaissance inventory and mapping, EMS and construction inspector training, tenant BMP and construction inspections, public outreach and involvement, illicit discharge inspections, revisions to SWMPP, enhancement of Asset Management System (AMS), and assist with other stormwater compliance. Program Manager. \$400,000.		
	(1) TITLE AND LOCATION (City and State) <b>Initial Environmental Screening and Environmental Compliance Management, Honolulu Rail Transit Project, Maintenance and Storage Facility, Waipahu, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Managed an awarded contract by Kiewit-Kobayashi, A Joint Venture (KKJV) to provide environmental planning and environmental compliance management services. Assisted KKJV with FEIS/ROD compliance, contract-specific plan preparation, NPDES permit compliance, field environmental oversight, weekly and bi-weekly reporting, environmental incident response, environmental compliance audit assistance, and interfacing with Honolulu Authority for Rapid Transit (HART) personnel regarding environmental compliance issues. Environmental Compliance Manager. \$280,000.		
	(1) TITLE AND LOCATION (City and State) <b>Lead-Based Paint Inspection and Risk Assessment, Hawaii Public Housing Authority, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Contracted by the Hawaii Public Housing Authority to conduct lead-based paint inspections and risk assessment at forty-five facilities located throughout the State of Hawaii. The inspections were performed in accordance with the U.S. Department of Housing and Urban Development (HUD) standards by EPA-certified Lead Risk Assessors utilizing field portable x-ray fluorescence (XRF) analyzers. Program Manager. \$750,000.		
	(1) TITLE AND LOCATION (City and State) <b>Environmental Engineering Services East Kapolei II Pesticide Mixing and Loading Site, Hawaii Department of Hawaiian Home Lands, Kapolei, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)
<b>d.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Prepared a Community Involvement Plan (CIP) and initiated dialog with members of the affected community to obtain input on the ultimate remedial alternatives, identified potential hazardous materials existing on and within existing structures, managed and abated hazardous building materials, decontaminated/decommissioned/discharged of existing aboveground storage and mixing tanks (9 total), demolished existing site structures, conducted additional characterization of site soils to refine estimates of the magnitude and extent of contaminant impacts to site soils, identified environmental hazards posed by the existing site contamination, identified and evaluated appropriate remedial alternatives to address contaminated media, solicited input from interested members of the public regarding preferred remedial alternatives through a Public Notice and an informational open house, and provided planning and design for the selected remedial response action. Subsequently, provided construction management services during implementation of the selected remedial response action, the implementation of confirmation sampling, documentation of the remedial response action, and prepared an EHMP for long-term management of the remaining hazards. Project Manager. \$720,000.		
	(1) TITLE AND LOCATION (City and State) <b>Consultant Services for Kapaa Landfill Groundwater Monitoring Program, City &amp; County of Honolulu, Department of Environmental Services, Honolulu, Hawaii</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
<b>e.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Assisted with the management of the Kapaa Landfill Groundwater Monitoring Program. Prepared an addendum to the existing groundwater monitoring plan to address issues previously identified by the Hawaii Department of Health, Office of Solid Waste Management; replaced one defunct groundwater monitoring well and installed up to three new groundwater monitoring wells; conducted groundwater and leachate sampling and analysis in accordance with the groundwater monitoring plan/addendum; prepared an initial groundwater and leachate monitoring report; and assisted City & County of Honolulu, Department of Environmental Services with the investigation of elevated leachate flows. To-date, ETC has completed a total of nine baseline and semi-annual monitoring events. Project Manager. \$580,000.		

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

(Complete one Section E for each key person.)

12. NAME <b>Kyson Morikuni</b>	13. ROLE IN THIS CONTRACT <b>Principal</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>14</b>	b. WITH CURRENT FIRM <b>14</b>
15. FIRM NAME AND LOCATION (City and State) <b>EnviroServices &amp; Training Center, LLC (ETC), Honolulu, Hawaii</b>			
16. EDUCATION (Degree and Specialization) BA, 2009, Claremont McKenna College, Science and Management (Biotechnology) with a Leadership Sequence MBA, 2015, University of Hawai'i at Mānoa, Shidler College of Business		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) • Hawaii, EnviroCert Certified Professional in Municipal Stormwater Management (CPMSM)	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) • 40-Hour Initial/Current HAZWOPER (29 CFR 1910.120) Certificate			

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Environmental Protection Agency (EPA) Compliance, Storm Water Management Program for the Island of Oahu, Department of Transportation, Oahu, Hawaii</b>	PROFESSIONAL SERVICES <b>2028</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
<b>a.</b> Serves as Program Manager to the State of Hawaii Department of Transportation, Highways Division (DOT-HWYS) Storm Water Management Program. Provides compliance support for stormwater management requirements established in DOT-HWYS, Oahu District's National Pollutant Discharge Elimination System (NPDES) municipal separate storm sewer system (MS4) permit. In addition to the same compliance support services that ETC provided while under contract during the previous years, ETC's services have expanded to help address new and enhanced regulatory requirements. These new and enhanced requirements include: trash reduction, waste load allocation compliance, post-construction and permanent best management practice design/construction/maintenance, compliance audit support, enforcement response for illicit discharges, Army Corp 404 permitting, Department of Health 401 Water Quality permitting, and mobile Asset Management System (AMS) integration. Program Manager. \$36,000,000.		
<b>State of Hawaii Department of Transportation's Storm Water Management Program Plan, Statewide, Hawaii</b>	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
<b>b.</b> Served as Technical Lead for the Reporting Program, Public Education and Outreach Program, Pollution Prevention Program, Illicit Discharge Detection and Elimination Program, Industrial and Commercial Activities Discharge Management Program, and the AMS for DOT-HWYS Storm Water Management Program Master Consultant contract. Prepared compliance reports submitted to the State of Hawaii Department of Health and the Environmental Protection Agency on behalf of DOT-HWYS. Public education program tasks include webpage hosting, social media, outreach events, and partnerships. Pollution Program responsibilities involve the regular inspection of MS4 structures and sweeping of State highways. Managed site investigations on industrial and commercial facilities to assess general good housekeeping practices and identify stormwater deficiencies. Oversaw the complaint and spill response program aimed to reduce the illicit discharge of pollutants. Guided the development of the AMS, an enterprise system that allows for the spatial analysis of stormwater related data. Provided training for neighbor island State personnel and contractors for construction BMPs. Inspected post-construction BMPs to monitor debris accumulation and recommended maintenance activities. Conducted active construction site inspections to ensure proper implementation and maintenance of BMPs. Led the review process and submission of comments for reissuance of the NPDES MS4 in 2013. Senior Environmental Scientist. \$39,500,000.		
<b>Environmental Compliance Services, State of Hawaii Department of Transportation - Airports, Statewide, Hawaii</b>	PROFESSIONAL SERVICES <b>2009</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span>		
<b>c.</b> Trained over 100 airport tenant personnel on good housekeeping practices and stormwater BMPs during 2007 to 2009. ETC has provided a decade of environmental compliance support services on an "as-required" basis to the State of Hawaii Department of Transportation- Airports Division. Environmental Scientist. \$500,000.		

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

(Complete one Section E for each key person.)

12. NAME Mark Ohigashi, PE	13. ROLE IN THIS CONTRACT Sr. Civil/Environmental Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 13	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) MS, 2009, Stanford University, Civil and Environmental Engineering BS, 2007, Loyola Marymount University, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Registered Professional Civil Engineer (PE-17812)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
- 30-Hour OSHA Construction Safety and Health
  - 10-Hour USACE EM 385-1-1 Certification
  - PSMJ A/E/C Project Management Bootcamp
  - American Water Works Association – Hawaii Section (Former Section Chair)
  - Water Environment Federation – Hawaii Water Environment Association (Collection Systems Committee)
  - American Council of Engineering Companies of Hawaii – Emerging Leaders Program Cohort #2

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Lead and Copper Rules Revisions (LCRR) Compliance, Honolulu Board of Water Supply, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)

- a.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Provide consultation for compliance with the Environmental Protection Agency's 2022 update to the Lead and Copper Rule (LCR). Provide field investigations to determine materials of water-utility customer-owned lateral connections and provide customer tap sampling to determine lead and copper levels in community to update and maintain the utility's Lead Service Line Inventory. Project Manager. \$1,270,000.

(1) TITLE AND LOCATION (City and State) <b>Mercury and Air Toxic Standard (MATS) Program Management, Hawaiian Electric, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)

- b.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Provide program management across Hawaiian Electric departments for the company's 12 electricity generating units with generating capacity above 25 megawatts at, both, Waiua and Kahe Generation Stations to comply with the MATS Rule (40 CFR 63, Subpart UUUUU). Manage contracts and coordinate with contractors to maintain the particulate matter (PM) continuous emissions monitoring systems (CEMS), annually audit the PM CEMS and carbon dioxide CEMS, and to provide quarterly Method 5 stack emissions performance testing. Develop standard operating procedures for performance testing and continuous compliance for diversely designated units under the MATS Rule including certified PM CEMS, uncertified PM CEMS and limited-use. Program Manager. \$2,500,000 million/annual budget.

(1) TITLE AND LOCATION (City and State) <b>Kailua Iwi Reinterment, Honolulu Board of Water Supply, Kailua, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2019</b>

- c.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Provide prefinal and final site development and landscaping design plans, specifications and cost estimate (PS&E) for reinterment of iwi kupuna under the control of the Honolulu Board of Water Supply. Project Manager. \$80,000.

(1) TITLE AND LOCATION (City and State) <b>Hawaii State Hospital New Patient Facility—Environmental Impact Statement, State of Hawaii Department of Accounting and General Services (DAGS), Kaneohe, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2020</b>

- d.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Coordinate and prepare the Environmental Impact Statement (EIS) Preparation Notice under Direct to EIS, Act 172-2012. Coordinate and prepare Draft EIS, Final EIS and City and County of Honolulu Plan Review Use (PRU) Application including utility studies for new 144-bed forensic patient facility. Civil Engineering Lead and Deputy and Project Manager. \$450,000.

(1) TITLE AND LOCATION (City and State) <b>Hawaii State Hospital New Patient Facility—Design-Build Request for Proposal (RFP) and Owner's Representative, State of Hawaii Department of Accounting and General Services (DAGS), Kaneohe, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable) <b>2020</b>

- e.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Coordinate and prepare civil engineering, site electrical and telecom, and landscaping RFP specifications for design-build bidding for new 144-bed forensic patient facility. Provide owner's representative services during construction for facility, service road and parking lots. Civil Engineering Lead and Project Manager. \$100,000.

(1) TITLE AND LOCATION (City and State) <b>North Kalaheo Avenue Bridge and Numana Road Bridge Rehabilitation, City and County of Honolulu Department of Design and Construction, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable) <b>2022</b>

- f.** (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm
- Provide conceptual, prefinal and final PS&E for road rehabilitation, erosion and sediment control, and traffic control design plan related to two separate bridge replacement projects on Oahu. Coordinate and oversee stream scour study and scour protection design for North Kalaheo Avenue Bridge. Civil Engineer of Record and Project Manager. \$175,000.

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

(Complete one Section E for each key person.)

12. NAME Vijaya Tummala, PE	13. ROLE IN THIS CONTRACT Senior Civil/Environmental Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 19	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) BS, 2000, Osmania University, India, Civil Engineering MS, 2003, West Virginia University, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> <li>Hawaii, Registered Professional Engineer (PE 15516)</li> <li>Hawaii, Certified Inspector of Sediment and Erosion Control (CISEC)</li> <li>Hawaii, EnviroCert Certified Professional in Erosion and Sediment Control (CPESC)</li> <li>Honolulu, ASFPM Certified Floodplain Manager (CFM)</li> </ul>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- Association of Floodplain Managers, Member
- Instructor at Department of Transportation 2019 Protect Our Water Conference
- Presenter at a day-long February 2016 seminar "Construction and Post-Construction BMPs" in Honolulu

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Environmental Engineering Management at Daniel K. Inouye International Airport and Kahului Airport, Honolulu and Kahului, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**a.** Responsible for providing technical support to the Department of Transportation, Airports Division (DOTA) NPDES MS4 Permit compliance requirements at Daniel K. Inouye International Airport and Kahului Airport. These requirements include developing and implementing control measure procedures that address the required public education and outreach, illicit discharge detection and elimination, construction site runoff control, post construction BMPs, pollution prevention and good housekeeping, and tenant activities discharge management. Also, responsible to ensure that DOTA complies with other environmental requirements that pertain to: underground storage tanks; aboveground storage tanks; Spill Prevention Control and Countermeasure (SPCC); sampling and monitoring; water quality, maintenance baseyards; reporting; asset management systems (AMS); GIS mapping; and permit negotiations. Project Engineer. \$9,000,000.

(1) TITLE AND LOCATION (City and State) <b>State of Hawaii Department of Transportation's Storm Water Management Program Plan, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2016</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**b.** ETC served as the State of Hawaii's Master Consultant and provided compliance with stormwater management requirements established in the agreement (Consent Decree) between the State of Hawaii Department of Transportation Highways Division, the Environmental Protection Agency, Hawaii Department of Health, and the DOT's NPDES MS4 permit. As Master Consultant, ETC ensured that all stormwater management requirements were met. Involved in maintaining an Asset Management System (AMS), implementing and inspecting debris control BMPs, designing erosion control BMPs, ensuring construction site runoff control, developing post-construction stormwater management in new and redevelopment, inspecting illicit connections/illegal discharges, overseeing industrial/commercial activities discharge management, assisting with maintenance facilities BMPs, conducting stormwater monitoring, meeting waste load allocation goals, coordinating public outreach, conducting training, and preparing and submitting compliance reports. Project Civil Engineer. \$39,500,000.

(1) TITLE AND LOCATION (City and State) <b>MS4 NPDES Permit Program Management, County of Maui, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2017</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**c.** Managed the County of Maui's Stormwater Management Plan (SWMP) which included consultation for implementation of stormwater management practices, general coordination and interaction with Department of Health (DOH) Clean Water Branch, prepared comments for the proposed revisions to HAR 1-55 Appendix K, managed construction activities and post-construction BMPs, illicit discharge detection and elimination, GIS mapping of the County's MS4, pollution prevention and good housekeeping programs. Conducted various inspections and training. Evaluated County baseyards for oil storage, spill control measures and developed Spill Prevention Control and Countermeasure Plans (SPCC) for these facilities. She also, drafted revisions to existing and development of new ordinances related to stormwater management. Project Manager.

(1) TITLE AND LOCATION (City and State) <b>SWMP, Hawaii Army National Guard (HIARNG) Facilities, Honolulu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2015</b>	CONSTRUCTION (If applicable)

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE  Check if project performed with current firm

**d.** Responsible for developing a SWMP for HIARNG's MS4 NPDES permit, HI S00052. Reviewed the relevant environmental documents provided by HIARNG, coordinated with HIARNG to develop procedures and policies to comply with HIARNG's MS4 NPDES Permit and recommended BMPs. Drafted comprehensive updates of HIARNG's SWMP supporting the following minimum control measures: public education and outreach; public involvement and participation; construction site runoff control; post-construction stormwater management; and pollution prevention/good housekeeping. Project Engineer.

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

(Complete one Section E for each key person.)

12. NAME Doug Williams, PE	13. ROLE IN THIS CONTRACT Civil/Environmental Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 11	b. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) BS, 2014, University of New Mexico, Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> <li>Hawaii, Registered Professional Engineer (Pending)</li> <li>New Mexico, Registered Professional Engineer (Lic. No. 24877)</li> <li>Oregon, Registered Professional Engineer (Lic. No. 94490PE)</li> </ul>
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- OSHA 40-Hr HAZWOPER, OSHA 30-Hr Construction
- SWANA Member, AWWA Member
- Authored: *Santa Fe River Trout Habitat Restoration (2017)*, *Landfill Gas Collection and Control System Design in an Arid and Remote Site (2022)*

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>a.</b> <b>Environmental Protection Agency (EPA) Compliance, Storm Water Management Program for the Island of Oahu, State of Hawaii Department of Transportation, Oahu, Hawaii</b>	<b>2028</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Engineering services for the State of Hawaii Department of Transportation to address compliance with storm water management requirements mandated by the NPDES MS4 Permit. Program manager and civil/environmental engineer for the erosion control, erosional outfall, and permanent best management practices programs. Annual contract value of \$6 million.	<input checked="" type="checkbox"/> Check if project performed with current firm	
<b>b.</b> <b>Corralitos Regional Landfill Gas Collection and Control System Design, Construction, Regulatory Compliance, and Operations and Maintenance, Las Cruces, New Mexico</b>	<b>2022</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Completed design, title V permitting tasks, and services during construction for a landfill gas collection and control system (GCCS) for the Corralitos Regional Landfill. Additionally, developed and started operations and maintenance program for facility. GCCS consists of a non-enclosed flare system, gas header and lateral pipes, wellheads, vertical extraction wells, condensate collection and sump system, and concrete pads for flare and appurtenances. Construction services included submittal and RFI reviews, drilling oversight and logging, field testing, gas sampling and monitoring, construction quality assurance, record drawings and certification. Served as design manager, project engineer, engineer of record, and O&M manager. Project cost of approximately \$3.5 million.	<input type="checkbox"/> Check if project performed with current firm	
<b>c.</b> <b>City of Albuquerque Solid Waste Management On-Call, Albuquerque, New Mexico</b>	<b>2022</b>	<b>2021 (landfill closure project)</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE On-call engineering contract consisted of multiple projects including municipal solid waste landfill expansion design (containment system, and leachate and gas collection), evapotranspiration cover system design and construction for closure, USACE permitting support, FEMA map revision support, closure/post-closure cost estimates and financial assurance demonstrations, groundwater monitoring and reporting, MSW transfer station and landfill facility permitting, landfill volumetrics and photogrammetry, and disposal operations engineering support. Served as design manager, solid waste facility design lead, and engineer of record. Engineering services contract value of \$2.6 million.	<input type="checkbox"/> Check if project performed with current firm	
<b>d.</b> <b>Ballard Mine Site Remedial Design – Operable Unit 1, Caribou County, Idaho</b>	<b>2022</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Ballard Mine is a CERCLA superfund site and active phosphate mine located north of Soda Springs, Idaho. Project included and engineered cover system for closure and containment of an approximately 500-acre area impacted by mine waste, permeable reactive barriers for alluvial groundwater treatment, and wetland treatment cells. Project responsibilities included serving as a technical subject matter expert to the EPA for evapotranspiration cover system design, calculations, and modeling. Project direct cost estimate of approximately \$50 million.	<input type="checkbox"/> Check if project performed with current firm	
<b>e.</b> <b>Probabilistic Flood Risk Assessment for Federal Emergency Management Agency (FEMA), Various Locations, United States</b>	<b>2019</b>	
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Probabilistic flood risk mapping was performed with discharges that were selectively sampled between the 5-percent and 95-percent confidence limits for many probabilities. This resulted in hundreds or even thousands of discharges that were each ran through 2-D hydraulic models to calculate flood elevations and extents. Project responsibilities included utilizing ArcGIS to develop model components such as the terrain, model boundaries, levees, and other related structures and items. This data was then used as inputs to a 2-D flood model used to evaluate potential flooding depths and extents. Served as a hydrologic and hydraulic modeling engineer.	<input 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>John Hart</b>	13. ROLE IN THIS CONTRACT <b>Project Manager/ Senior Environmental Scientist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>33</b>	b. WITH CURRENT FIRM <b>3</b>

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) BS, 1989, Texas Christian University, Marine Biology AA, 1981, Orange Coast College, Construction Management	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
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|--|--|
| <ul style="list-style-type: none"> <li>• TxDOT Construction Inspection Certification</li> <li>• TCEQ Certified Water Quality Monitoring Instructor</li> <li>• 24 Hour HazMat Specialist (29 CFR 1910.120) Certified Instructor</li> <li>• Permit Required Confined Space Rescue, OSHA Certificate</li> </ul> | <ul style="list-style-type: none"> <li>• Permit-Required Confined Space Certified Instructor</li> <li>• American Red Cross First Aid and CPR Certified Instructor</li> <li>• U.S. Army 40-hour EM-385 Construction Safety Training</li> <li>• OSHA 30-hour Construction Safety Training</li> </ul> |
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### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Statewide Environmental Engineering Management and Inspection Services, State of Hawaii Department of Transportation (HDOT), Airports Division, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Scientist for Contract No. 67649, to provide technical support to DOTA to meet its NPDES MS4 Permit compliance requirements. These requirements include developing and implementing HNL Individual Permit and OGG General Permit minimum control measure requirements that address all aspects of public education and outreach, illicit discharge detection and elimination, construction site runoff control, post construction best management practices, pollution prevention and good housekeeping, and tenant activities discharge management. Responsibilities also include to ensure that reports and other required submittals are prepared and submitted to the regulatory authorities in a timely manner. Project cost is \$9,000,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Statewide MS4 NPDES Permit Program Management, Oklahoma Department of Transportation (ODOT), Oklahoma</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project Manager for ODOT Statewide stormwater management, Mr. Hart is responsible for the development and implementation of DEQ requirements for submission and approval of a combined Phase I & II Nt-MS4 statewide stormwater program including refinement and implementation of existing Phase I & II Municipal Separate Storm Sewer System (MS4) permits. Responsibilities include developing and submitting a Statewide Stormwater Management Program (SWMP), control/enforcement mechanisms, and designation and mapping of facilities within the regulated area for approval by DEQ. Project cost is \$150,000 per Task Order, currently on initial task order.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Statewide MS4 NPDES Permit Program Management, Texas Department of Transportation (TxDOT), Texas</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project Manager for TxDOT Statewide stormwater management, Mr. Hart received EPA and State approval to combine TxDOT's 15 Individual and 19 General NPDES MS4 permits into a single Statewide permit to streamline and reduce costs of existing stormwater program implementation through ease of implementation and reporting, and in compliance with Section 402 of the CWA. The final combined permit was issued on November 30, 2016, and included the EPA negotiated removal of wet-weather monitoring and Trash Reduction Plan monitoring from TxDOT's permit requirements avoiding anti-backsliding perception and has saved TxDOT over \$2,500,000.00 annually in monitoring and reporting costs. Project cost was \$2,000,000.	<input type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Lake Thunderbird TMDL Compliance and Monitoring Plan Development, City of Moore, Oklahoma</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE As Project Manager for the development of an Oklahoma DEQ approved Pollutant Monitoring and Tracking Program that detailed the goals, monitoring parameters, sampling protocols, sampling stations, and analytical methods of representative monitoring events (RME) required by the TMDL. Mr. Hart was required to train the City contractor on sample collection and develop the associated QAPP for implementation. Samples were collected during qualified rain events to meet the antecedent dry period of 72 hours. Sample locations were selected at outfalls 36 inches or greater to provide maximum benefit of capturing potential pollutant discharges. Sample results are intended to help determine the beneficial impacts of specified BMPs. Project cost was \$150,000.	<input 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>Matthew Stimpson</b>	13. ROLE IN THIS CONTRACT <b>Project Manager/ Senior Environmental Scientist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>16</b>	b. WITH CURRENT FIRM <b>2</b>
15. FIRM NAME AND LOCATION (City and State) <b>EnviroServices &amp; Training Center, LLC (ETC), Honolulu, Hawaii</b>			
16. EDUCATION (Degree and Specialization) <b>BS, 2007, University of Hawai'i at Mānoa, Natural Resources and Environmental Management</b>	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) <ul style="list-style-type: none"> <li>• Hawaii, Certified Professional in Erosion and Sediment Control (CPSEC)</li> </ul>		
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) <ul style="list-style-type: none"> <li>• Certified American Academy of Underwater Science Diver</li> </ul>			

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b>	<b>Statewide Storm Water Management Program (SWMP), State of Hawaii Department of Transportation (HDOT), Highways Division, Oahu District, Hawaii</b>	PROFESSIONAL SERVICES <b>2028</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Senior Environmental Scientist provides environmental compliance support services for the SWMP implementation, and Program Management support for HDOT NPDES Permit compliance. Oversees the Public Education and Outreach Program, Pollution Prevention/Good Housekeeping Programs, Asset Management System, Construction Site Runoff Control, Industrial and Commercial Activities Discharge Management Program, and Illicit Discharge Detection and Elimination Program. Develops, reviews and edits SWMP documents and reports, conducts internal reviews for the programs and provides support services to HDOT staff to ensure permit compliance. Prepares compliance reports submitted to the State of Hawaii Department of Health and the Environmental Protection Agency on behalf of HDOT. Revised the SWMP Chapter Construction Site Runoff Control Program and related construction documents. Organized the annual SWMP Construction Best Management Practices Training for HDOT staff and consultants. \$36,000,000		
<b>b.</b>	<b>National Pollutant Discharge Elimination System (NPDES) Stormwater Program Management, City and County of Honolulu, Hawaii</b>	PROFESSIONAL SERVICES <b>2011</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input type="checkbox"/> Check if project performed with current firm</span> Performed program management of the City and County of Honolulu's NPDES permit, which covers stormwater discharges from the city's large storm drainage system and includes nine City departments. Updated the City's 2007 stormwater management program plan in coordination with nine City departments and several consultants. Tasks included developing program effectiveness assessment measures, updating erosion control standards, developing an island-wide trash reduction plan, developing municipal best management practice (BMP) manuals, and preparing annual NPDES compliance reports.		
<b>c.</b>	<b>City and County of Honolulu, Department of Environmental Services, NPDES Storm Water Program Management, City and County of Honolulu, Oahu, Hawaii</b>	PROFESSIONAL SERVICES <b>2010</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input type="checkbox"/> Check if project performed with current firm</span> Engineer for program management of the City and County of Honolulu's National Pollutant Discharge Elimination System (NPDES) permit, which covers storm water discharges from the City's large storm drainage system and includes nine city departments. Updated the city's 2007 storm water management program plan in coordination with 9 city departments and several consultants. Tasks included developing program effectiveness assessment measures, updating erosion control standards, developing an island wide trash reduction plan, developing municipal best management practices manuals, and preparing annual NPDES compliance reports.		
<b>d.</b>	<b>City and County of Honolulu, Department of Planning and Permitting, Ewa Development Plan and East Honolulu Sustainable Community Plan, Honolulu, Hawaii</b>	PROFESSIONAL SERVICES <b>2006</b>	CONSTRUCTION (If applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input type="checkbox"/> Check if project performed with current firm</span> Identified major problems and opportunities regarding socioeconomic and ecological needs for future development of specific areas on the island of Oahu. Conducted extensive research and preparation of information on alternative transportation, including imposing secure areas for pedestrians and expanding pedestrian friendly environments within Oahu districts. Held a key role in studying a high-capacity corridor while maintaining and editing a GIS database as the plans changed; and provided GIS support producing GIS data, maps and graphics in support of the project. Development Plans are required by the City Charter. Together with the General Plan, population and land use growth are guided over a 20-year time span. As part of the annual City budget process, all capital improvement projects are reviewed to determine if they are consistent with the respective Development Plan. Development Plans are also intended to guide City land use approvals and permits and influence private sector investment decisions.		

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

(Complete one Section E for each key person.)

12. NAME <b>Sharla Nakashima</b>	13. ROLE IN THIS CONTRACT <b>Chemist/Sr. Environmental Scientist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>23</b>	b. WITH CURRENT FIRM <b>23</b>
15. FIRM NAME AND LOCATION (City and State) <b>EnviroServices &amp; Training Center, LLC (ETC), Honolulu, Hawaii</b>			
16. EDUCATION (Degree and Specialization) <b>BS, 2000, University of Hawaii at Manoa, Chemistry</b>		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	

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

- 40 Hours Initial/Current HAZWOPER (29 CFR 1910.120) Certificate
- 8 Hour Supervisor/Mgr. HAZWOPER (29 CFR 1910.120) Certificate
- American Red Cross First Aid and CPR Certificate

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Phase I Environmental Site Assessments and Baseline Site Investigation, Koa Ridge Development, Waipio, Oahu, Hawaii</b>	PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
<p><b>a.</b> Prepared a Phase I Environmental Site Assessment (ESA) for an approximate 576-acre property consisting of undeveloped, former agricultural land in Waipio. The Phase I ESA was performed in accordance with ASTM Standard E1527-13 to evaluate existing and/or potential environmental concerns from past or current operations at or near the property.</p> <p>The Baseline Site Investigation included the preparation of a Sampling and Analysis Plan, random selection of fifty-nine 1-acre decision units targeted for sampling and the collection of fifty-nine primary multi-increment surface soil samples and eighteen field replicate multi-increment surface soil samples (each consisting of fifty soil increments). Sample were initially analyzed for total arsenic and organochlorine pesticides, and fifteen samples with total arsenic concentrations exceeding the background arsenic concentration for Hawaii soils were further analyzed for fine fraction arsenic and bioaccessible arsenic. The resultant data indicated that soils at the site are suitable for unrestricted land use. Correspondence from the Hawaii Department of Health, Hazard Evaluation and Emergency Response (HEER) Office confirmed this finding and indicated that residential development can proceed without environmental restrictions. Project Manager. \$85,000.</p>		
<b>Voluntary Response Program, Environmental Site Investigation of Former Waialua Sugar Mill, Waialua, Oahu, Hawaii</b>	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
<p><b>b.</b> Conducted an extensive site investigation to identify potential environmental hazards based on research of historical operations at the Waialua Sugar Mill facility. Suspect contaminant sources generally included former underground and aboveground fuel storage tank systems, pesticide mixing and loading activities, vehicle maintenance activities, electrical transformer storage, former sugarcane processing operations, and a commercial vehicle towing base yard. Implemented both multi-increment and discrete sampling protocols to obtain data from the surface and subsurface soils throughout the site, and installed and sampled monitoring wells using low-flow methodology to assess potential impacts to the underlying groundwater. Solicited input from interested members of the public regarding preferred remedial alternatives through a Public Notice and a public meeting. Following completion of construction, a Remedial Action Report was completed to document the implementation of the final remedy and a final EHMP for managing the remaining environmental hazards on-site was prepared. Project Manager. \$400,000.</p>		
<b>Environmental Consulting Services for High Technology Development Corporation (HTDC) Innovation Block at Lot "C", Honolulu, Hawaii</b>	PROFESSIONAL SERVICES <b>2018</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
<p><b>c.</b> Provided environmental consulting services for the 5.5 acre site located in the Makai area of the Kakaako Community Development District. HTDC is currently developing the Hawaii Community Development Authority's (HCDA's) property into the future Kakaako Innovation Block, a multi-phased development that includes an Entrepreneur's Sandbox, Innovation Hale, Kewalo Incubation Center, Parking Garage, and a Learning Center. Specifically, ETC completed a Phase I ESA in accordance with the ASTM E1527-13 standard; and prepared and implemented a site investigation work plan, which included collecting soil samples and installing/sampling groundwater monitoring wells. Following the completion of the Site Investigation Report, an EHE/EHMP was prepared and approved by the Hawaii Department of Health (DOH). In addition, ETC prepared technical specifications for the management of contaminated soils during construction. ETC is currently assisting HCDA with environmental consulting services for the construction phase of the project. Future activities also include the preparation of a Post-Construction EHMP. Project Manager. \$65,000.</p>		
<b>Environmental Site Investigation on Former McBryde Sugar Company, Numila Mill Elelee, Kauai, Hawaii</b>	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="text-align: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</div>		
<p><b>d.</b> Prepared a Site Investigation Work Plan to address environmental issues associated with the former herbicide mixing plant, former arsenic mixing plant, former rat poison storage, and former seed treatment area at the 100+ year old former McBryde Sugar Company facility. Implemented initial site investigation activities which included an evaluation of bioaccessible arsenic in the site soils; and the analytical data obtained from these initial investigative efforts were used to identify potential data gaps and plan further investigation efforts. Remedial alternatives analysis and evaluation are ongoing. Project Manager. \$50,000.</p>		

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

(Complete one Section E for each key person.)

12. NAME Alex Krause	13. ROLE IN THIS CONTRACT Geologist	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 7

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) BS, 2011, University of Hawai'i at Mānoa, Geology	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- 40 Hour Initial/Current HAZWOPER (29CFR 1910.120)
- 8 Hour Supervisor/Mgr. HAZWOPER (29 CRF 1910.120) Certificate
- DOT Hazardous Materials Handling (49 CFR 172.704) Certificate
- Powered Industrial Truck Operator (CFR 1910.178)
- Permit-Required Confined Space Certified
- American Red Cross First Aid and CPR Certified
- Permit Authorizing Individual for Hot Work Permits

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>a.</b> (1) TITLE AND LOCATION (City and State) <b>Hazardous Waste Removal, Various School for Departments of Education (DOE), Statewide, Hawaii</b>	PROFESSIONAL SERVICES <b>2023</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Provide the DOE with technical support services on an as-needed basis. Mr. Krause is responsible for the proper identification, packaging, segregation by highway and vessel, and waste profiling for thousands of different chemicals that require proper disposal generated from the DOE throughout the State of Hawaii school system. Field Supervisor and Project Scientist. \$1,000,000.		
<b>b.</b> (1) TITLE AND LOCATION (City and State) <b>Hazardous Materials Sampling and Transportation US ARMY Installations, Islands of Oahu and Hawaii</b>	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Sample, analyze, package, create waste profiles, and transport all waste stored at the US Army 90 day storage sites located throughout the State of Hawaii. Waste streams managed under this contract include pesticides, paint related materials, petroleum, unknowns, and other solid and hazardous wastes. Perform QA/QC of all laboratory reports and data. Project Scientist and QA/QC Officer. \$300,000.		
<b>c.</b> (1) TITLE AND LOCATION (City and State) <b>Hawaii Pacific Health (HPH) Solid and Hazardous Waste Management and Related Environmental Compliance Services, Honolulu and Kauai, Hawaii</b>	PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Determines which solid waste generated by the hospital is RCRA regulated hazardous waste and universal waste. Perform audits to determine each HPH hospital's hazardous waste generator status and developed a training class to educate hospital staff on the rules and regulations and new procedures needed for compliance. Package, transport and safely dispose of approximately 20 tons of solid and hazardous waste, universal waste, and recyclable materials from all of the HPH facilities annually. Supervisor. \$300,000/year.		
<b>d.</b> (1) TITLE AND LOCATION (City and State) <b>Fixed Price Remedial Action Contract (FRAC) for Various Sites in the Naval Facilities Engineering Command Pacific (NAVFAC Pacific) Area of Responsibility (AOR)</b>	PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable) <b>2021</b>
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> Supervise long-term maintenance and monitoring/remedial action operations at 14 separate sites for the United States Navy Environmental Restoration Program. Work includes quarterly, semi-annual, and annual land use inspections, sampling and gauging of approximately 65 wells, monitoring well maintenance and repairs, and preparation of all field notes and reports. Field Supervisor. \$1,417,000.		
<b>e.</b> (1) TITLE AND LOCATION (City and State) <b>Household Hazardous Waste (HHW) Collection and Disposal Services for Department of Environmental Management, Solid Waste Division, County of Hawaii</b>	PROFESSIONAL SERVICES <b>2024</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> ETC developed and implemented a household hazardous waste collection program for the County of Hawaii. ETC worked with the County to identify collection event locations and frequencies. Collection events were held six times a year at four locations throughout the County and collect approximately 125,000 pounds of waste from thousands of homeowners. Supervises and determines what waste brought in will be accepted at collection events. Project Manager and Emergency Response and Safety Marshal. \$800,000.		

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

(Complete one Section E for each key person.)

12. NAME Sara Marvin	13. ROLE IN THIS CONTRACT Industrial Hygienist	14. YEARS EXPERIENCE	
		a. TOTAL 7	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) BS, 2011, Portland State University, Organismal Biology		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)	

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

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>• American Red Cross First Aid/CPR/AED Certification</li> <li>• EPA AHERA Asbestos Management Planner Certificate</li> <li>• EPA AHERA Asbestos Project Designer Certificate</li> <li>• EPA AHERA Asbestos Building Inspector Certificate</li> <li>• EPA AHERA Asbestos Project Monitor Certificate</li> </ul> | <ul style="list-style-type: none"> <li>• EPA Lead Based Paint Inspector Certificate</li> <li>• EPA Lead Based Paint Risk Assessor Certificate</li> <li>• EPA Lead Based Paint Project Designer Certificate</li> <li>• OSHA Scissor and Boom Lift Training</li> </ul> |
|---|--|

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) <b>Environmental Services Various, Facilities Asset Management – Building Envelope Assessments and Design, Bowers + Kubota Consulting, Inc., Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide environmental services for various renovation projects, including fire alarm system upgrades/replacement and other interior building renovations at DOE schools and facilities throughout the State of Hawaii. Services may include hazardous materials surveys, soil sampling and analysis, preparing abatement specifications, reviewing RFIs and contractor submittals, conducting abatement oversight/area air monitoring, and/or conducting visual clearance/clearance sampling following abatement. The work is assigned on a site-by-site and project-by-project basis as requested by the State of Hawaii DOE. Since January 2022, ETC has conducted or is currently conducting hazardous materials surveys at twenty-nine schools throughout the State of Hawaii. Industrial Hygienist. Indefinite Quantity.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Lead-Based Paint Inspection and Risk Assessment, Hawaii Public Housing Authority, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If applicable)
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Performed lead-based paint inspections of various interior and exterior areas at 45 public housing facilities utilizing portable x-ray fluorescence (XRF) analyzers in accordance with U.S. Department of Housing and Urban Development (HUD) standards and guidelines. Performed lead-based paint risk assessments of properties that were found to contain lead-based paint. Prepared and submitted a comprehensive written report including documentation of hundreds of thousands of data points, findings and conclusions. Industrial Hygienist. \$750,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>DOE Design Services for Job Order Contract Projects FY20, Bowers + Kubota Consulting, Inc., Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION (If applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provide environmental services for various Job Order Contracting (JOC) construction projects at DOE schools and facilities throughout the State of Hawaii. Services include hazardous materials surveys, soil sampling and analysis, preparing abatement specifications, reviewing RFIs and contractor submittals, conducting abatement oversight/area air monitoring, and/or conducting visual clearance/clearance sampling following abatement. The work is assigned on a site-by-site and project-by-project basis as requested by the State of Hawaii DOE. Since October 2020, ETC has conducted more than 350 hazardous materials surveys on projects of various sizes throughout the State of Hawaii. Industrial Hygienist. Indefinite Quantity.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Environmental Technical Assistance for Department of Education Heat Abatement Upgrades and Installations, Statewide, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2020</b>	CONSTRUCTION (If applicable)
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Provided hazardous material inspection services which included surveys, testing, and reporting per AHERA requirements of various building materials, including, but not limited to, asbestos and lead. Design services included preparation of specifications and construction contract documents, and cost estimating. Post contract award services included reviewing contractor requests-for-information; providing clarifications; attending meetings during the bidding of prepared specifications and construction contract documents; observing and inspecting construction operations; reviewing contractor submittals, providing air monitoring services during construction, providing consultation services during contractor preparation of as-built drawings; and documenting final clearance reporting of the abatement work. In addition, provided environmental technical assistance to identify and resolve various hazardous material issues and concerns to facilitate construction projects. Industrial Hygienist. \$300,000.	<input checked="" type="checkbox"/> Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) <b>Hazardous Materials Surveys and Asbestos Abatement, Various Renovations and Demolition Projects, Tripler Army Medical Center, Oahu, Hawaii</b>	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2019</b>	CONSTRUCTION (If applicable)
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Conducted hazardous materials surveys and asbestos investigation/abatement activities at various locations throughout the Tripler Army Medical Center. The hazardous materials surveys included lead-based paint (utilizing portable x-ray fluorescence analyzers), asbestos, arsenic, mercury, mold and PCB inspections. Provided asbestos abatement activities including subcontracting abatement companies, providing project supervision, air monitoring, and various consultation services. Planned, coordinated and directed all aspects of the field sampling activities, data interpretation/validation, and report writing. Industrial Hygienist.	<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>Akari Ihara</b>	13. ROLE IN THIS CONTRACT <b>Industrial Hygienist</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>1</b>

15. FIRM NAME AND LOCATION (City and State)  
**EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii**

16. EDUCATION (Degree and Specialization) <b>AA, Kapi'olani Community College, Business</b>	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• EPA AHERA Asbestos Building Inspector Certificate</li> <li>• EPA AHERA Asbestos Project Monitor Certificate</li> <li>• EPA Lead Based Paint Risk Assessor Certificate</li> <li>• Hazardous Waste Operation and Emergency Response Certified</li> </ul> | <ul style="list-style-type: none"> <li>• American Industrial Hygiene Association (AIHA), <i>Member</i></li> <li>• OSHA 30 Hour Construction Training</li> <li>• EM385 Safety Training</li> <li>• GCA of Hawaii Construction Safety Hazard Awareness Training</li> </ul> |
|---|---|

### 19. RELEVANT PROJECTS

#	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
<b>a.</b>	<b>Kamehameha Schools Windward Mall, All except Macy's Asbestos Survey and Macy's Comprehensive NESHAPS Survey, Honolulu, Hawaii</b>	<b>2021</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted a comprehensive asbestos survey throughout the entire Windward Mall (with the exception of the Macy's space), which included suspect asbestos-containing material sampling and documentation, for OSHA notification and material verification. Project manager, field industrial hygienist, and report author. \$130,000.		
<b>b.</b>	<b>NAVFAC Pacific Fire Protection and Life Safety Study for Building 1805, Yokosuka, Japan</b>	<b>2017</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted a hazardous material survey for a fire protection and life safety study project on a three-story building in Japan. Reviewed JEGS regulation and generated a report for NAVFAC Pacific. Project manager, field industrial hygienist, and report author. \$35,000.		
<b>c.</b>	<b>Design Support, State of Hawaii, Department of Accounting and General Services, Honolulu, Hawaii</b>	<b>2009</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted asbestos, lead, arsenic, PCB-ballasts, and mercury-containing light tubes and switches inspections, and prepared survey reports as part of a bid package. Reviewed and commented on contractors' work plans and conducted project monitoring, including worker exposure monitoring and environmental monitoring. Project Manager. \$300,000.		
<b>d.</b>	<b>Whole School Renovations, State of Hawaii, Department of Education, Honolulu, Hawaii</b>	<b>2010</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted hazardous material surveys, prepared survey reports, including hazmat location maps, findings summary, and recommendations. Collaborated closely with designers, planners, and contractors on implementing hazard controls in support of worker protection, environmental protection, and occupant protection. Prepared hazardous material specifications and cost estimates, and provided project monitoring. Building Inspector, Quality Control, Risk Assessor. \$1,540,000.		
<b>e.</b>	<b>FY2009 MCON P-200 Joint Operation &amp; Support Complex, VARLOC, Sembawang, Singapore</b>	<b>2010</b>	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Conducted sampling and assessment of health hazards potentially present in an existing building, including asbestos, lead, PCBs, mercury, avian virus, and mold. Interfaced with analytical laboratories and prepared investigation report. \$53,289.		

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

(Complete one Section E for each key person.)

12. NAME Mailea Miller-Pierce	13. ROLE IN THIS CONTRACT Environmental Scientist	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
		6	2

15. FIRM NAME AND LOCATION (City and State)  
 EnviroServices & Training Center, LLC (ETC), Honolulu, Hawaii

16. EDUCATION (Degree and Specialization) Ph.D., 2017, Washington State University, Biological Sciences M.S., 2010, University of Rhode Island, Ecology B.S., 2007, Sonoma State University, Biology/Environmental Studies and Planning/Conservation and Restoration	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

- |GIS and Geospatial Technology Certificate, University of California Los Angeles, 2021

### 19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
<b>Maui District MS4 Program, Island of Maui, State of Hawaii Department of Transportation (HDOT), Highways Division, Hawaii</b>	PROFESSIONAL SERVICES <b>2024</b>	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="float: right; text-align: right;"> <input checked="" type="checkbox"/> Check if project performed with current firm                 </div> <p><b>a.</b> Provide environmental compliance and technical water quality support for the Department of Transportation Highways Division, Maui District (Maui Highways). Develop and implement a Debris Cleaning Assessment (DCA) study to characterize loads of nitrogen, phosphorus, and particulate matter collected by street sweeping and structure cleaning of the Maui Highways MS4. The study also investigated the relationship between pollutant loads, debris volume, route locations/land use, and seasons (wet/dry). Findings from the DCA study guides future pollution reduction strategies for Maui Highways. Conduct a spatial data analysis and GIS geoprocessing to analyze the relationship between Maui Highway's MS4 assets and receiving water bodies. Conducts internal reviews of the programs and analyzes trends, goals, and compliance to measure and ensure effectiveness.</p>		
<b>Water Quality Consultant, Maui, Hawaii</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="float: right; text-align: right;"> <input type="checkbox"/> Check if project performed with current firm                 </div> <p><b>b.</b> Technical water quality advisor on Hawaii State water quality standards and policy related to nutrients, turbidity, chlorophyll, and fecal indicator bacteria. Synthesized and analyzed water quality datasets for development of standards to meet Clean Water Act regulatory compliance for policy development. GIS specialist for production of thematic maps and reports using GIS. Researched and developed projects using GIS to answer questions about water quality, and the health of humans and ecosystems.</p>		
<b>Postdoctoral Researcher, Washington State University, Vancouver, Washington</b>	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <div style="float: right; text-align: right;"> <input type="checkbox"/> Check if project performed with current firm                 </div> <p><b>c.</b> Examined anthropogenic nitrogen effects on ecosystems, marine ecology, biogeochemistry, manuscript preparation, statistical analysis in R, mentoring Ph.D. students.</p>		

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

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

20. EXAMPLE PROJECT KEY NUMBER

1

21. TITLE AND LOCATION (City and State) <b>Storm Water Management Program, Island of Oahu, Department of Transportation, Oahu, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2028	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Department of Transportation - Highways Division	b. POINT OF CONTACT NAME Rodney Gerard, Environmental Management Section Engineer	c. POINT OF CONTACT TELEPHONE NUMBER 808-489-0917	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

EnviroServices & Training Center, LLC (ETC) provides Master Consultant professional services to manage the State of Hawaii Department of Transportation, Highways Division, Oahu District's (DOT Highways) successful compliance with the EPA's stormwater minimum control measures, as required by the Municipal Separate Storm Sewer System (MS4) National Pollutant Discharge Elimination System (NPDES) Permit No. HI S000001. In 2018, the Water Environment Federation awarded DOT Highways with a Gold Level in Program Management and Silver Level in Innovation as a part of the organization's National Municipal Stormwater and Green Infrastructure Awards Program. Since 2009, ETC's Stormwater Management Program business division, through Contract Nos. HWY-OM-2009-46, HWY-OW-2016-01, and HWY-OW-2021-01 (current), has successfully developed and implemented the following DOT Highways' program components.

**Public Education:** ETC has helped developed DOT Highways award winning public education program. In response to the COVID-19 pandemic, ETC built on the Hawaii Storm Patrol brand by developing a series of animated videos to virtually educate keiki on the storm drain system. During the 2020-2021 school year, the animated videos amassed 5,800 views and was recognized with a Silver Pele Award by the American Advertising Federation, Hawaii Chapter.



**Illicit Discharge Detection:** ETC is responsible for the detection and elimination of illegal connections and illicit discharges by inspecting over 2,100 outfalls annually and providing rapid response to complaints and spills. Additionally, ETC inspects over 125 industrial and commercial facilities annually for potential storm water pollutants. Through improved facility education, deficiencies per inspected facility have decreased by 11% over the past five years. ETC has worked with the DOT Highways' Deputy Attorney General to strengthen its enforcement through an improved Memorandum of Understanding with the Department of Health.



**Construction Site Runoff:** ETC assists in reducing the discharge of pollutants from DOT Highways' construction activities by conducting approximately 300 independent construction inspections annually. The results of ETC's efforts have reduced the number of identified major deficiencies by 70% over the past five years. Additionally, ETC authored the revised Construction Best Management Practices (BMP) Manual which provides the standards for DOT Highways construction BMP selection and implementation across its projects. ETC is also responsible for the organizing the annual Protect Our Water Conference, increasing attendance to this construction training event by 58% over the past five years, with over 500 attendees in 2021.

**Post-Construction Site Runoff:** ETC authored the Storm Water Post-Construction Best Management Practices Manual in 2021, developing the statewide standards to ensure that post-construction BMPs, including low impact development, are considered and implemented throughout all phases of DOT Highways' design projects. Additionally, ETC designed post-construction BMP improvement projects valued at \$25 million in estimated construction costs. ETC is responsible for the execution of service contracts to maintain post-construction BMPs, resulting in over 350 cleanings, removing over 200 cubic yards of debris.

**Good Housekeeping:** ETC develops and maintains a comprehensive Asset Management System (AMS) to monitor 20,000 drainage assets and 250 lineal miles of DOT Highways rights-of-way. ETC is responsible for the execution of service contracts to maintain DOT Highways' drainage infrastructure, removing over 23,300 cubic yards of debris through various activities including street sweeping and MS4 structure cleaning. ETC developed and implemented a novel photo-based visual trash assessment, using car mounted cameras to qualitatively assess trash levels in compliance with DOT Highways' trash reduction requirements.

**Water Quality:** ETC successfully negotiated favorable waste load allocations (WLA) for six Total Maximum Daily Load watersheds. Through the successful management of DOT Highways' program, ETC achieved compliance with the Ala Wai Canal, Waimanalo Stream, and Kawai Stream WLAs and is on schedule for compliance with the remaining watersheds. ETC conducts monitoring to assess watershed health and effectiveness of post-construction BMPs. ETC has collected 2,000 samples from 14 different watersheds.

**Contract Amount:** \$36,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime Consultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

2

21. TITLE AND LOCATION (City and State) <b>Environmental Engineering and Consulting Services for Maui District MS4 Program, Island of Maui</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Department of Transportation - Highways Division, Maui District	b. POINT OF CONTACT NAME Ty Fukuroku	c. POINT OF CONTACT TELEPHONE NUMBER 808-873-3535	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

EnviroServices & Training Center (ETC) was contracted to provide environmental compliance support to the State of Hawaii Department of Transportation (DOT), Highways Division, Maui District (HWY-M) to meet stormwater compliance requirements associated with their municipal separate storm sewer system (MS4). Specifically, HWY-M was issued an MS4 NPDES Permit that required them to develop and implement control measures to prevent polluted runoff from entering and discharging from their MS4. ETC helped to establish and implement the following:



**Program Management** – ETC guided HWY-M through a successful Environmental Protection Agency (EPA) Audit, updated the Stormwater Management Plan to address new requirements of the MS4 NPDES Permit, and developed and submitted Annual Reports in compliance with their MS4 NPDES Permit.

**Mapping of MS4 Structures** – ETC developed an inventory of MS4 structures within the HWY-M MS4 area and created GIS maps of the hundreds of structures, including inlets, manholes, pipes, culverts, outfalls, open channels, and junctions.

**Asset Management System** – ETC designed an Asset Management System to identify and display the MS4 network inventory, store assets and records, track task performance, schedule preventative maintenance and site inspections, create inspection and summary reports, and deliver program analytics.

**Public Education and Outreach** – ETC developed public education and outreach programs, materials, and partnerships to provide stormwater awareness and training to targeted audiences that included HWY-M MS4 users, contractors, DOT personnel, maintenance staff, industrial and commercial businesses, schools, and other stakeholders.

**Illicit Discharge Detection and Elimination** – ETC developed and implemented procedures to respond to detect and eliminate against illicit discharges and illegal connections that impact the HWY-M MS4, including use of field investigations, industrial and commercial facility inspections, and outfall screening.

**Construction Best Management Practices** – ETC developed and implemented construction plan review, inspection, and enforcement procedures to manage compliance with sediment and erosion control requirements on HWY-M construction projects.

**Post-Construction Best Management Practices** – ETC developed and implemented procedures to inspect and maintain existing post-construction measures, in addition to review and ensure implementation of new post-construction measures that mitigate stormwater runoff on HWY-M construction projects. ETC also participated in inter-governmental collaboration to revise the DOT Storm Water Post-Construction BMP Manual.

**Pollution Prevention and Good Housekeeping** – ETC assisted in the development of contract bid specifications for the inspection and maintenance of MS4 structures and roadways. These bid specifications included requirements for drain inspection and cleaning, pipe inspection and cleaning, and street sweeping. ETC also created plans, specifications, and estimates to repair erosional areas.

**Contract Amount:** \$15,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
	EnviroServices & Training Center, LLC	Honolulu, Hawaii	Prime Consultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

3

21. TITLE AND LOCATION (City and State) <b>Lead Service Line Inventory, Water Quality Study, and Related Technical Services, Island of Oahu</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Honolulu Board of Water Supply	b. POINT OF CONTACT NAME Erwin Kawata	c. POINT OF CONTACT TELEPHONE NUMBER (808) 748-5850	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

EnviroServices & Training Center, LLC (ETC) provides professional water quality and technical services as a subconsultant for the Honolulu Board of Water Supply (BWS) in support of the recently finalized Environmental Protection Agency (EPA) Lead and Copper Rule Revision (LCRR) compliance efforts. The purpose of the LCRR is to provide better protection to consumers, especially children at schools and childcare facilities, from the risks of lead exposure by identifying and removing potential sources of lead contamination from public and private water systems.

More specifically, ETC's work includes:

- 1) Assisting in the development of a lead service line inventory to identify the materials of service lines connected to the public water distribution system by reviewing databases, engineering plans, specifications, as built drawings, and plumbing codes. Creating a list of all laterals and materials, including unknown materials (e.g., lead status unknown). Conducting field investigations for laterals of unknown materials by opening meter boxes and conducting physical tests and observations including magnetic check, scratch test, color inspection, joints and fittings inspection and in field lead tests on both utility owned and customer owned sides of the meter.
- 2) Developing and implementing a Sampling Plan based on the revised tiering criteria of the LCRR to classify all service lines in the inventory, selecting the required number of sites to be sampled (based on water system size/population served), developing standard operating procedures, submitting samples to a certified lab, reviewing and compiling results, and providing technical guidance. Implementing "Find and Fix" procedures, including water quality parameter sampling and follow-up sampling as necessary. Notification of tap sample results to customers.
- 3) Assisting with the development of full and partial Lead Service Line (LSL) Replacement Plans. The LSL replacement plans include procedures for notifying customers of replacement actions, providing and tracking water pitcher filters, replacement goal rates in the event the lead trigger level is exceeded, procedures for flushing, risk mitigation, and replacing plumbing.
- 4) Identifying and compiling a list of school and childcare facilities served by the water system. Similar to residential sampling efforts, preparing a sampling plan, communicating with stakeholders, developing standard operating procedures, submitting samples to a certified lab, reviewing and compiling results, and providing technical guidance.



Notable Project Accomplishments:

- Optimized sampling activities through the implementation of productive workflow processes and highly-trained staff. Frequent and early communication with stakeholders also fostered positive interactions with residents, school administrators, analytical laboratories certified by the EPA, and regulators. This effort increased tap sampling participation rates in all water systems and reduced the number of invalid samples due to sampling errors and laboratory handling.
- Utilization of innovative technology to track and centralize project data in a Geographic Information System (GIS) database, which allowed the project team to visualize water meters, service line laterals, and property parcel data leading to more efficient execution of field activities
- Gathered meta-data from all field activities providing additional metrics to improve time management and overall performance.

**Contract Amount:** Confidential

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawaii	(3) ROLE Subconsultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

4

21. TITLE AND LOCATION (City and State) <b>Kapalama Incinerator, Off-Site Contamination Unit, Site Investigation and Remedial Action, Honolulu, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER City & County of Honolulu Department of Environmental Services	b. POINT OF CONTACT NAME Josh Nagashima	c. POINT OF CONTACT TELEPHONE NUMBER 808-768-3430	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



EnviroServices & Training Center (ETC) was retained by the City & County of Honolulu, Department of Environmental Services (ENV) as the prime consultant to provide environmental consulting services associated with further remediation and investigation of residual contaminants associated with historical incinerator operations.

Project tasks included the preparation of a Summary Analysis Report to gather site-related information into a single document and a Corrective Action Work Plan to detail activities to be performed to address residual contaminants located within the former incinerator site boundaries. Corrective Action was implemented through collection of multi-incremental soil samples to further characterize areas of suspect contaminant impact (remedial investigation phase), excavation/segregation/hauling /disposal of contaminated soils and incinerator ash, and collection of confirmation soil samples to evaluate the effectiveness of the removal action. A Corrective Action Report was prepared to document findings of the initial remedial investigation phase, removal/transportation/disposal of nearly 500 tons of residual contaminated soil and ash, results of the air monitoring activities implemented during the removal action, results of the confirmation soil samples, and the remaining environmental hazards at the site associated with the residual contaminant concentrations.

ETC was also tasked with modeling ash dispersion from the former incinerator stack using a commercial version of the USEPA AERMOD dispersion model to predict potential areas of concern pertaining to impacts from ash outfall. An Off-Site Investigation Work Plan presented the planned approach objectives, and methodology for the initial phase of the off-site investigation to address perceived gaps in the existing data associated with the extent of potential impacts from former incinerator operations. Implementation of the Off-Site Investigation Work Plan included collection of multi-incremental surface soil samples, discrete subsurface soil samples, and discrete sediment samples from the Kapalama Drainage Canal. Findings from the investigation were documented in a Site Investigation Report and Environmental Hazard Evaluation. Thereafter, an Environmental Hazard Management Plan was prepared to document and address the existing environmental hazards. Furthermore, an interim engineering control consisting of geotextile fabric cover was installed over exposed surface soils containing elevated lead concentrations within the Kokea Street parking lot. This interim control is currently being monitored and maintained until the start of planned site development.

**Contract Amount:** \$630,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawaii	(3) ROLE Prime Consultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

5

21. TITLE AND LOCATION (City and State) <b>Voluntary Response Program (VRP), Environmental Site Investigation of Former Waialua Sugar Mill, Waialua, Oahu, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Castle & Cooke Waialua, LLC	b. POINT OF CONTACT NAME Mr. Chris Lovvorn	c. POINT OF CONTACT TELEPHONE NUMBER 808-548-3714	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

Based on historical operations at the Waialua Sugar Mill facility, the suspect contaminant sources generally included former underground and aboveground fuel storage tank systems, pesticide mixing and loading activities, vehicle maintenance activities, electrical transformer storage, former sugarcane processing operations, and a commercial vehicle towing baseyard.



Under the VRP, ETC investigated the extent of soil and groundwater contamination for metals (arsenic, cadmium, lead, mercury, thallium, vanadium, zinc); herbicides/pesticides; dioxins/furans; polychlorinated biphenyls (PCBs); total petroleum hydrocarbons as diesel/gas/oil (TPH-D, TPH-G, TPH-O); methyl tertiary-butyl ether /benzene /toluene /ethylbenzene /xylenes (MBTEX); dimethyl phthalate; polynuclear aromatic hydrocarbons (PAHs); and halogenated volatile organic compounds (HVOCs). In order to assess the potential impacts, the site was divided into 27 surface and/or subsurface decision units. Discrete and multi-increment soil samples were collected from these 27 decision units. Monitoring wells were also installed and sampled using low-flow methodology to assess potential impacts to the underlying groundwater. Approximately 80 discrete soil samples, multi-increment soil samples, and groundwater samples were collected and analyzed. In addition, ETC also conducted personal, perimeter, and work area air monitoring, during all aspects of the project to protect the workers and surrounding public.



Deliverables for the project included a Phase I ESA, conceptual site model, and general and detailed site investigation plan. Specifically, a Site Investigation Report and Environmental Hazard Evaluation (SI-EHE) was prepared to document site investigation activities, compare data to applicable DOH EALs, and evaluate/discuss all potential environmental hazards associated with the site. A Remedial Alternatives Analysis (RAA) evaluated four potential remedial alternatives, which were then compared to nine evaluation criteria. Upon completion of the RAA, a Draft Remedial Action Memorandum (Draft RAM) was created to summarize findings and activities performed to date. A Public Participation Plan was also developed to solicit input from members of the affected public regarding the planned work to be completed on portions of the site to mitigate environmental hazards. A Public Meeting was then held and comments obtained through the public participation program were used to create a Final RAM and develop a Remedial Action Work Plan.

Prior to implementation of the selected remedial action, an interim Environmental Hazard Management Plan (EHMP) was prepared for use by the site contractor. Construction activities for the implementation of the selected remedial action were monitored to ensure adequate controls were maintained to minimize or eliminate airborne contaminant hazards. Following completion of construction, a Remedial Action Report was completed to document the implementation of the final remedy and a final EHMP for managing the remaining environmental hazards on-site was prepared. In December 2018, the DOH issued a Letter of Completion, subject to the terms and conditions of an Environmental Covenant Agreement, the final EHMP, and the completion of a Groundwater Monitoring Program.

**Contract Amount:** \$400,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime Consultant
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

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

20. EXAMPLE PROJECT KEY NUMBER

6

21. TITLE AND LOCATION (City and State) <b>Environmental Engineering Services East Kapolei II Pesticide Mixing and Loading Site, Hawaii Department of Hawaiian Home Lands, Kapolei, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2015	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Department of Hawaiian Home Lands	b. POINT OF CONTACT NAME Mr. Darrell Ing	c. POINT OF CONTACT TELEPHONE NUMBER 808-620-9276	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

ETC provided environmental engineering services in support of final site remediation. The project was primarily funded through a loan from the Hawaii Brownfields Revolving Loan Fund and a USEPA Brownfields Cleanup Grant. General tasks completed for this project included:

- Prepared a Community Involvement Plan
- Initiated dialog with members of the affected community to obtain input on the remedial alternatives
- Identified potential hazardous materials existing on and within existing structures
- Identified and abated hazardous building materials (asbestos and lead paint)
- Decontaminated, decommissioned, and disposed of existing aboveground storage and mixing tanks (9 total)
- Demolished existing site structures
- Conducted additional characterization of site soils (Site Investigation Work Plan) to refine estimates of the magnitude and extent of contaminant impacts to site soils
- Identified environmental hazards posed by the existing site contamination (Site Investigation Report – Environmental Hazard Evaluation)
- Identified and evaluated appropriate remedial alternatives to address contaminated media (Remedial Alternatives Analysis)
- Solicited input from interested members of the public regarding preferred remedial alternatives through a Public Notice and an informational open house
- Provided planning and design for the selected remedial response action (Response Action Memorandum, Remedial Action Work Plan)
- Prepared construction specifications and drawings for use in bid documents
- Evaluated qualifications of contractors that submitted bids for the remediation project
- Prepared a NPDES Permit application, including a Stormwater Pollution Control Plan and Erosion Control Plan
- Provided construction management services during implementation of the selected remedial action
- Conducted confirmation sampling following excavation of contaminated soils
- Prepared a Remediation Verification Report to summarize and document the response action.
- Prepared an Environmental Hazard Management Plan to document remaining hazards at the site.



**Contract Amount:** \$720,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime Consultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

7

21. TITLE AND LOCATION (City and State) <b>Fixed Price Remedial Action Contract (FRAC) for Various Sites in the Naval Facilities Engineering Command Pacific (NAVFAC Pacific) Area of Responsibility (AOR)</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2024	CONSTRUCTION (If applicable) 2022
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER NAVFAC Pacific	b. POINT OF CONTACT NAME Ms. Jean Kuboyama	c. POINT OF CONTACT TELEPHONE NUMBER 808-471-4666	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

ETC formed a joint venture named EATC JV and was awarded a contract to support the environmental remedial action program at various sites in the NAVFAC Pacific AOR. NAVFAC Pacific awarded a total of four such fixed price remedial action contracts to small businesses with an overall contract pool worth up to \$40 million over a 5-year ordering period.

Under the contract, the EATC JV competed with other contract holders to secure task orders that facilitate remedial actions at environmentally impaired sites located predominately at Navy and Marine Corps installations. Although services targeted various sites primarily on the Island of Oahu, the contract also included work to be performed at sites within the NAVFAC Pacific AOR, including Guam, the Commonwealth of Northern Mariana Islands, United States Minor outlying Islands, Japan (including Okinawa), and Diego Garcia. The contract targets Superfund National Priority List (NPL) ranked as well as non-NPL sites, Resource Conservation and Recovery Act (RCRA), underground storage tanks (USTs), operational small arms firing ranges, and other sites that require remedial action and other long-term management activities.



Our services included, but were not limited to, the following:

- Removal and remedial action construction and operations
- Excavation, hauling and disposal of solid and hazardous wastes
- Closure and/or replacement of underground storage tanks and above ground storage tanks
- Long-term monitoring, operations and maintenance of remedial action systems;
- Inspection and maintenance of land use controls, and
- Preparation of appropriate documentation of planned and completed actions

The EATC JV was awarded 16 of 33 task orders issued by NAVFAC. Tasks included: Closure of a UST and installation of release response ground water monitoring wells within Joint Base Pearl Harbor Hickam, with project value of \$155,000; Excavation, packaging, removal, disposal and confirmation sampling of buried drums of petroleum waste at Polaris Point, Guam, with project value of \$360,000; Long-term monitoring of 7 sites at Joint Base Pearl Harbor Hickam, with a project value of \$385,000; and Long-term management, remedial action operations, groundwater monitoring and land use controls inspections for 4 sites at Joint Base Pearl Harbor Hickam, with a project value of \$180,000. All work was performed in strict accordance with US Army Corps of Engineers EM385-1-1 Health and Safety Manual which NAVFAC has adopted for this contract. Additionally, ETC employees have received 40 hours of EM385-1-1 training and 30 hours of OSHA Construction Safety Training.

**Contract Amount:** \$1,835,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME EATC JV (EnviroServices & Training Center, LLC)	(2) FIRM LOCATION (City and State) Honolulu, Hawaii	(3) ROLE Prime Consultant
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

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

20. EXAMPLE PROJECT KEY NUMBER

8

21. TITLE AND LOCATION (City and State) <b>Hazardous Materials Removal, Various Schools for Department of Education Statewide, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2023	CONSTRUCTION <i>(If applicable)</i>
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Department of Education, Safety and Security Branch	b. POINT OF CONTACT NAME Orasa Fernandez	c. POINT OF CONTACT TELEPHONE NUMBER 808-586-3457	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



EnviroServices & Training Center (ETC) provides the State of Hawaii, Department of Education with the necessary environmental services to support the operations of public schools statewide. ETC conducts identification, sampling and analysis, packaging, transportation and disposal of various types of solid and hazardous waste throughout the school system. Additionally, we administer emergency spill response, post-cleanup soil and groundwater characterization, and air monitoring services to document cleanup/ remediation efforts.

The majority of the work is performed for the science and trades departments. Thousands of unwanted hazardous materials are inventoried and categorized according to chemical compatibility and applicable ultimate treatment technologies. These hazardous materials are then packaged, labeled, and transported in accordance with Department of Transportation hazardous materials regulations to a disposal site.

DOT hazardous classes managed during the execution of the contract include:

- Class 2 flammable, non-flammable, and toxic gases
- Class 3 flammable and combustible liquids
- Class 4 flammable solids, spontaneous combustibles, and dangerous when wet
- Class 5 oxidizers and organic peroxides
- Class 6 poisons
- Class 7 radioactive
- Class 8 acids and caustics
- Class 9 miscellaneous substances

**Contract Amount:** \$1,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawaii	(3) ROLE Prime Consultant
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**F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT**

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

20. EXAMPLE PROJECT KEY NUMBER

9

21. TITLE AND LOCATION (City and State) <b>Lead-Based Paint Inspection and Risk Assessment, Hawaii Public Housing Authority, Various Public Housing Sites, Statewide, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Hawaii Public Housing Authority	b. POINT OF CONTACT NAME Ms. Lisa Izumi	c. POINT OF CONTACT TELEPHONE NUMBER 808-832-5374	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

EnviroServices & Training Center (ETC) was contracted by the Hawaii Public Housing Authority to conduct lead-based paint inspections and testing at forty-five multi-family residential facilities located throughout the State of Hawaii. The inspections were performed in accordance with the U.S. Department of Housing and Urban Development (HUD) standards by U.S. EPA-certified Lead Risk Assessors utilizing x-ray fluorescence (XRF) analyzers. Specific tasks included:

- Determination of the appropriate number of dwelling units, common areas, and exterior areas requiring testing at each facility in accordance with HUD standards for multi-family housing.
- Selection of random units for inspection at each facility.
- Identification and testing of building component types and testing combinations at each facility.
- Preparation of a Lead-Based Paint Inspection Report for each facility.
- Lead-based paint inspections resulted in over 77,000 lead readings across forty-five of the forty-seven facilities. A total of over 1,000 dwelling units and over 440 building exteriors were inspected and tested.

ETC was also issued three supplemental contracts to conduct lead risk assessments at eighteen facilities where lead-based paint has been identified. Specifically, the risk assessments included visual inspections of the various building components coated with lead-based paint to identify deteriorated paints (paint lead hazards), collection of dust wipe samples to identify dust lead hazards where deteriorated lead-based paints were identified, and collection of soil samples to identify potential soil lead hazards.

**Contract Amount:** \$750,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawaii	(3) ROLE Prime Consultant

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

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

20. EXAMPLE PROJECT KEY NUMBER

10

21. TITLE AND LOCATION (City and State) <b>Environmental Services for the Department of Education, Various Schools Statewide, Hawaii</b>		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable)
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER State of Hawaii, Department of Education	b. POINT OF CONTACT NAME Chad White	c. POINT OF CONTACT TELEPHONE NUMBER (808) 836-7787	

24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

EnviroServices & Training Center (ETC) was retained by Bowers + Kubota Consulting to provide environmental services for various Job Order Contracting (JOC) construction projects at Department of Education (DOE) schools and facilities throughout the State of Hawaii. The work is assigned on a site-by-site and project-by-project basis as requested by the State of Hawaii DOE. Since October 2020, ETC has conducted or is currently conducting more than 450 hazardous materials surveys and/or air monitoring projects throughout the State of Hawaii.

Specifically, ETC's services included:

- Reviewing existing Asbestos Hazard Emergency Response Act (AHERA) reports and any supplemental hazardous materials survey reports.
- Inspecting and identifying known or suspect hazardous materials.
- Sampling and analyzing materials known or suspected to contain asbestos, lead paint, arsenic, mercury, and/or PCBs.
- Conducting soil sampling and analysis as required.
- Preparing a comprehensive report for each facility documenting hazardous materials inspection, sampling, and analysis.
- Preparing contract documents (abatement specifications) containing detailed information and instructions for the removal and disposal of known hazardous materials that may be encountered during renovation.
- Preparing hazardous materials abatement cost estimates.
- Reviewing RFIs and contractor submittals
- Providing project monitoring services during construction to ensure hazardous materials were removed in their entirety and that removal and disposal activities were conducted in accordance with Federal and State regulations.
- Conducting area air monitoring during removal work, visual and/or air/wipe sampling after removal to clear the area for re-occupancy, and monitoring the disposal practices of the abatement contractors. Reviewing abatement closeout documentation for record keeping compliance.



**Contract Amount:** \$1,046,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawaii	(3) ROLE Subconsultant

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Michael Yee	Managing Principal	X	X	X	X	X	X	X	X	X	X
Gregory Perry	Principal/Waste Management Project Manager				X	X	X	X	X		
Brant Tanaka	Principal/Project Manager	X	X	X	X	X	X	X	X		
Damon Hamura	Principal/Project Manager	X	X		X	X	X	X	X	X	X
Kyson Morikuni	Principal/Environmental Compliance Project Manager	X	X	X		X					
Mark Ohigashi, PE	Project Manager/Environmental Engineer	X	X	X							
Vijaya Tummala, PE	Senior Civil/Environmental Engineer	X	X	X			X				
Doug Williams, PE	Civil/Environmental Engineer	X	X	X							
John Hart	Project Manager/Senior Environmental Scientist	X	X								
Matthew Stimpson	Project Manager/Senior Environmental Scientist	X	X	X							
Sharla Nakashima	Senior Chemist/Environmental Scientist	X	X		X	X	X	X	X		
Alex Krause	Waste Management Supervisor		X			X		X	X		
Sara Marvin	Industrial Hygiene Supervisor		X							X	X
Akari Ihara	Industrial Hygienist									X	X
Mailea Miller-Pierce	Environmental Scientist	X	X								

**29. EXAMPLE PROJECTS KEY**

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Storm Water Management Program, Island of Oahu, Department of Transportation, Oahu, Hawaii	6	Environmental Engineering Services East Kapolei II Pesticide Mixing and Loading Site, Hawaii Department of Hawaiian Home Lands
2	Environmental Engineering and Consulting Services for Maui District MS4 Program, Island of Maui	7	Fixed Price Remediation Action Contract (FRAC) for Various Sites in the Naval Facilities Engineering Command Pacific Area of Responsibility
3	EPA Lead and Copper Rule Revision (LCRR) Compliance	8	Hazardous Materials Removal, Various Schools for Department of Education
4	Kapalama Incinerator, Off-Site Contamination Unit, Site Investigation and Remedial Action	9	Lead-Based Paint Inspection and Risk Assessment, Hawaii Public Housing Authority, Various Public Housing Sites
5	Voluntary Response Program, Environmental Site Investigation of Former Waiialua Sugar Mill	10	Environmental Services for the Department of Education, Various Schools Statewide, Hawaii

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. ATTACH ADDITIONAL SHEETS AS NEEDED.

# ENVIRONMENTAL CONSULTING & ENGINEERING SERVICES

**We'll Take Care of It.**

505 Ward Avenue, Suite 202  
Honolulu, Hawaii 96814

(808) 839-7222  
info@gotoetc.com

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



# Statement of Qualifications

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**EnviroServices & Training Center** (ETC) was established in 1994, providing comprehensive environmental consulting and engineering services. Our range of services includes stormwater management, environmental permitting and compliance, site investigations and assessments for hazardous substances, remediation operations, preparation and technical review of Phase I and Phase II environmental site assessment reports, hazardous waste and hazardous materials management, underground storage tank closures, lead and asbestos surveys, air monitoring, health and safety planning and programming, and DOT/EPA/OSHA training.

Our clients are commonly faced with complex environmental challenges and exacting time constraints. ETC personnel have successfully completed thousands of projects throughout the Pacific Rim including Hawai'i, Kwajalein, Saipan, Guam, Johnston Atoll, and the Federated States of Micronesia. Such high-pressure situations require us to find creative and balanced solutions to satisfy multiple parties that include demanding clients, strict regulators, contentious attorneys, and a concerned community.

ETC's highly qualified professionals are proficient in a wide range of disciplines such as biology, chemistry, construction inspection, engineering, environmental planning & science, geology & hydrogeology, GIS, hazardous materials & wastes, industrial hygiene, occupational safety, project & program management, technical writing, and toxicology. We are especially proud of our ability to perform such work with in-house personnel, which maximizes quality assurances, efficiencies, and skilled redundancies while minimizing third-party reliance and markups.

## Why Choose EnviroServices?

- Qualified, Responsive, and Local Professionals
- Proven Past Project Experience
- Dedication to Quality Control
- Commitment to Client Satisfaction

**We have the capability, capacity and desire to complete the project scope on schedule and within budget.**

Currently, our staff is comprised of 5 Principals, 6 Administrative Staff, 1 Aeronautical Engineer, 5 Biologists, 1 CADD Technician, 1 Chemist, 4 Civil Engineers, 6 Construction Inspectors, 2 Environmental Engineers, 13 Environmental Scientists, 3 GIS Specialists, 2 Geologists, 5 Industrial Hygienists, 3 HazMat Technicians, 1 IT Support Analyst, and 1 Urban & Regional Planner. With nearly 60 full-time employees, our scientists and engineers have the capacity to quickly respond to concurrent tasks orders with our locally based staff and resources, even when considering for surge workloads.



## Client References

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The following are names and phone numbers of clients who may be contacted, many of whom have rendered services from EnviroServices & Training Center during the preceding year.

- State of Hawaii Department of Transportation Highways Division, Oahu District  
Rodney Gerard, Environmental Management Section Engineer, 808-489-0917
- State of Hawaii Department of Transportation Highways Division, Maui District,  
Ty Fukuroku, PE, Environmental Management Section Program Manager, 808-873-3535
- Alexander & Baldwin, Inc.  
Sean O'Keefe, Director, Environmental Affairs, 808-877-2959
- Bowers + Kubota  
Brian Bowers, PE, Principal, 808-836-7787
- Pali Momi Hospital  
Kyle Morrison, Director, 808-485-4481

# We Are a Full-Service Environmental Consultancy

We are the only Hawai'i-based company designed to help our clients navigate a myriad of environmental regulations with our in-house, multi-disciplined professionals. Our range of services include:



## Environmental Compliance

- Environmental Compliance Plan Preparation
- Environmental Management System (EMS) Planning & Implementation
- National Pollutant Discharge Elimination System (NPDES) Permitting & Compliance
- Spill Prevention Control & Countermeasure (SPCC) Preparation and Compliance
- EPA/DOT/OSHA Compliance Training



## Stormwater Management

- Asset Management System/Geographic Information System Implementation
- NPDES Program Design & Implementation (MS4, Industrial, Construction, Dewatering)
- Stormwater Management Plan (SWMP) Preparation and Implementation



## Solid & Hazardous Waste Management

- Emergency Chemical Spill Response
- Waste Identification, Packaging, Profiling, Transportation, and Disposal
- Small Business Drop-Off Program
- Waste Process Audit and Minimization



## Site Investigation & Remediation

- Phase I and Phase II Environmental Site Assessments (ESA)
- Environmental Hazard Evaluations and Environmental Hazard Management Plans
- Remedial Investigation, Action, and Design
- Underground Storage Tank (UST) Closures and Release Response



## Industrial Hygiene & Safety

- Hazardous Materials (Asbestos, Lead, Arsenic) Surveys and Compliance Plans
- Abatement Design Specifications
- Air Monitoring, Clearance Sampling and Abatement Oversight
- Indoor Air Quality Investigations



## Drinking Water Quality Compliance

- EPA Lead & Copper Rule Revisions (LCRR) Compliance
- Lead Service Line Inventory Development
- Customer Tap Water Sampling



EnviroServices & Training Center's (ETC) team of industrial hygienists and environmental scientists are experienced in working closely with clients to build rapport and ensure all project needs are met. ETC personnel are valued for their efficiency, early response and follow-through during the entire project life cycle.



### **Hazardous Materials Survey**

ETC personnel have collectively conducted hundreds of hazardous materials surveys of building and structural components in support of renovation and demolition projects throughout the State of Hawai'i. We specialize in identifying lead-containing paint, asbestos-containing building materials, and arsenic-containing materials.



### **Abatement Design Specifications**

ETC personnel support owners and designers with technical specifications pertaining to the handling and management of hazardous materials. ETC personnel also provide support during the bidding process.



### **Air Monitoring, Clearance Sampling and Abatement Oversight**

During abatement and construction activities, ETC personnel provide air monitoring services to ensure both worker and public safety. Abatement oversight is generally performed to ensure compliance with the technical specifications and abatement contractor work plans. Clearance sampling is performed following completion of hazardous materials abatement.

## **SERVICES**

- Hazardous Materials Inspections and Surveys
- Asbestos and Lead Surveys and Compliance Plans
- Asbestos and Lead Design Specifications
- Asbestos and Lead Air Monitoring Services
- Abatement Oversight and Construction Monitoring
- Clearance Sampling
- Indoor Air Quality Investigations

## **TRAINING AND CERTIFICATIONS**

- Asbestos Building Inspector
- Asbestos Project Monitor
- Asbestos Project Designer
- Asbestos Management Planner
- Lead Based Paint Inspector
- Lead Based Paint Activities Project Designer
- Lead Based Paint Risk Assessor
- Registered Safety Officer (RSO)
- Certified Indoor Environmentalist (CIE)

## Additional Information: Contract Management

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ETC utilizes a complex process of approach, project controls, integrated programs, and technical resources to ensure our projects stay on scope, schedule, and budget; and enable us to minimize change orders, foresee potential problems, and avoid cost over runs.

### Approach

We have a fully staffed team with the capacity to perform all work in a timely manner over the course of the contract. To that end, ETC's projects begin with a clear definition of the end result. Our strategy to meet our client's needs under this contract involves the management and performance of projects on a concurrent schedule rather than in a linear fashion. As such, we will utilize project controls that are based on five (5) primary factors: 1) team; 2) coordination; 3) monitoring; 4) action; and 5) completion.

Putting together and organizing the right team is the first step. Our plan involves distribution of work appropriately among our staff, based on the specialized qualifications and experience they bring while implementing the necessary controls at the program level to successfully administer and oversee multiple concurrently performed tasks. We have structured our firm to accomplish this and have established in our organization the necessary program management positions and Technical Leads to obtain a high level of commitment and ensure that capacity does not become an issue in the performance of concurrently scheduled program assignments.

Though our program team is highly integrated, ETC will maintain full control and responsibility for all elements of the project. Coordinating the project team requires effective prioritization and communication. Our projects will be operated under the three restraints of scope, schedule, and budget. To ensure that each restraint is properly addressed, the Project Manager will track task and project progress (i.e., labor, costs, deliverables) on a weekly basis. We will develop and utilize a Master Schedule, including a Gantt chart to establish and monitor concurrently performed work assignments. However, in certain complex cases, Critical Path Method and/ or PERT flowcharting may also be utilized. Resources, task and program status, and progress will be tracked using Microsoft Project, SureTrak, Primavera Project Planner or other large enterprise Program Management applications; depending on the complexity of the project should it become advantageous.

During this contract, we will identify emerging problems in a timely manner to ensure we mitigate any adverse effects. ETC establishes clear milestone and performance indicators to monitor a project's progress. Status reports will be provided on three levels: first to the team; second to management; and third to the client. Monitoring reports include a brief description of the project and final deadline, status of the schedule and budget, explanations of variances, and expectation for the future. If a problem is developing, ETC takes immediate actions to correct them. In many cases, cost overruns are due to labor issues. Therefore, corrective actions frequently need to be taken back all the way to the team-building phase. Changing the personnel and resources and not necessarily just throwing more personnel at the project may be needed. ETC will not close a project until every detail is completed, including a post-project evaluation. A final review and critique of the project will be conducted for quality control purposes by the review team.

The review team conducts an additional level of oversight by requiring that the Project Manager maintain reports that indicate the status of each task or project. The Project Manager will be in contact with the client, with progress reports issued and status/direction meetings held on a periodic basis, as necessary. The frequency of the communication and meetings depends on the complexity and duration of the project task. Although each project task may be driven by different circumstances, project management rests on a solid base of planning, organization skills, definitions, and controls.

Continuity of integrated personnel throughout the project lifecycle will ensure that lessons learned are captured; duplication of prior efforts are avoided; regulatory and stakeholder relations are fostered; early actions to reduce risks are evaluated; and schedules are met; which will ultimately result in keeping costs to a minimum.

## Additional Information (cont.)

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### Project Controls

#### Project Management/Coordination of Work

Project management begins with directing and planning; and ends with controlling the project. ETC's project management approach is based on the consistent application of these basic principles:

- Early deployment of an integrated CTO project team, including all technical disciplines needed through the project lifecycle
- Clear project performance objectives that are consistently applied throughout the project
- Continuity of assignment of key personnel throughout the project lifecycle to ensure that lessons learned are captured, duplication of prior efforts are avoided, regulatory and stakeholder relations are fostered, early actions to reduce risks are evaluated, schedules are met, and costs reduced
- Empowerment of our personnel by assigning responsibility and granting authority to the lowest appropriate level
- Understanding of the authorities granted to the Contracting Officer (KO) and Contracting Officer's Technical Representative (KOTR) in regard to changes in cost schedule and scope
- Effective communication—early and often—between CTO project team and KO and KOTR

#### CTO Staffing

Our Project Manager will select the appropriate professional staff. These individuals are chosen according to their past performance, technical discipline, experience with contract types (e.g., firm fixed price, performance-based, etc.), location, management capabilities, and attributes described in the SOW. Usually, our staff are located in the same geographic area as the project site. Our Project Manager has been trained in DoD processes and procedures, Federal Acquisition Regulation (FAR) requirements and CERCLA processes. The project team will then use existing site information, conduct a site visit if necessary to identify uncertainties and data gaps, and identify an optimal technical approach to achieve the project's objectives.

#### CTO Planning

At the forefront of our management approach to completing projects is our adherence to project planning, which takes several forms—partnering, project scoping, development of WBS, research into technical and regulatory requirements, and project kick-off meetings. Upfront planning is essential in identifying project sensitivities (e.g., base security and operations coordination), logistical concerns, subsurface clearances, regulatory strategy, permits, potential work hazards and controls, subcontractor coordination, tests and inspections, submittals, data handling, constructability, quality requirements, value engineering, long-lead items, and schedule drivers.

#### Work Plans

Work plans serve as the baseline for the CTO, as well as the measure of project progress. Site-specific Work Plans will be prepared for each CTO and may include (but are not limited to) a QC Plan, Remedial Action Work Plan (including design analysis), SHSP, SAP, and Chemical QC Plan, and a Transportation and Disposal Plan, depending on project-specific needs. The planning documents will be used to describe available data, define the DQOs, and provide a clear plan for implementation of the scope of work. Technical requirements such as schedule, key personnel, permits, licenses, certificates, materials specs, site control measures, etc., will be outlined as well. DOD guidance documents will be followed—including OPNAVINST documents (OPNAVINST 5090 Environmental and Natural Resource Planning Manual), Engineering Manuals (EM), Engineering Regulations (ER), and Engineering Technical Letters (ETL)—during the preparation of the various planning documents required for each individual CTO.

## Additional Information (cont.)

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### Communications

ETC will establish a cooperative working environment with our client, regulators, subcontractors, the local community, and other stakeholders through effective communications and respectful interactions. Our Project Manager will provide status reports to the client on all CTOs, as necessary. The status report will provide a summary by task of the progress made during the report period, deliverable schedule, outstanding issues/resolution, projected activities during the next period, subcontracting, and summary of total expenditures. Our Project Manager or designee will also prepare for and attend any scheduled reviews with the KO and KOTR to discuss projects and performance. We will promptly inform the client of significant changes that impact the planned solution for meeting project goals. We will identify the most effective means, methods, and technologies to address the change, and present the solution to the client.

### Monitoring Tools

Our Contract Management System (CMS) provides the tools for cost estimating, scheduling (Primavera, SureTrak, Microsoft Project), cost monitoring and forecasting, project controls, procurement, subcontractor cost control, data management, and electronic invoicing as necessary. The CMS offers real-time interactive access for system users from both office and remote-site locations to provide our Project Managers with the tools and information needed to track and forecast cost and schedule, and effectively administer the contract. These tools have supported our projects ranging from \$2,500 to more than \$2,000,000. They provide information that:

- Presents an accurate picture of work in progress through daily cost and schedule tracking
- Identifies potential problems by tracking planned production rates versus actual
- Succinctly summarizes and presents this information to the client in monthly progress reports.

ETC's Project Manager and financial management staff may provide CTO-specific progress reports supported by financial data to the KO/KOTR, as necessary. A primary focus of these reports is to clearly identify issues that are of concern and propose corrective actions along with the impacts to cost, schedule, quality, and safety on the project.

### Effective Use of Personnel for Concurrent Multiple CTOs

Typically, ETC will mobilize or initiate with a core team of key personnel to manage the project from cradle to grave. The makeup of the team will be dictated by the SOW. Office and field labor are added or removed as required to optimize and maintain the approved task order schedule. Each week, the Project Manager in consultation with professional staff will summarize personnel and equipment utilization with expected labor hours and resources dedicated to each project. If a conflict is evident, the Project Manager will resolve it with the respective professional staff task leaders. ETC will apply systematic advanced planning for forecasted procurement actions to ensure that proper consideration is provided for efficient, properly executed procurement to achieve on-time delivery of required goods, services, and construction—at a fair and reasonable price. ETC will perform procurement planning to promote and provide full and open competition to the maximum extent. We will monitor delivery, production rates, and level of effort of subcontractors against baselines we establish in our project planning. If the service does not meet or exceed the baseline, we will require corrective action to be taken; and, if not corrected, will terminate and levy liquidated damages, if applicable.

### Minimizing Project Delays

ETC has a proven record of maintaining projects on schedule and minimizing delays within the Pacific for over 22 years. We do this through:

- **Proper up-Front Planning of Projects** - When tasked with an assignment, we identify critical path items, special geological conditions, and logistical considerations (including the need to work within remote and harsh conditions).

## Additional Information (cont.)

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- ***Effective Resource Management*** - ETC will also identify critical labor, material, supplies, and equipment needs and evaluate potential sources for these items. “Critical” materials and services may range from long-lead items or those elements on the critical path requiring specialized expertise. ETC will self-perform those elements that are least defined, are most likely to change, or have the greatest impact on the schedule to reduce the risk to the client. When other critical requirements are better defined or when requirements are suited to the special expertise of other on-Island firms, we will consider other first-tier subcontractor competitive procurement.
- ***Understanding the Regulatory Requirements*** - We bring our insight to the regulatory process and technical knowledge of their scientific foundations to bear in addressing issues before the regulatory community—local, state, and/or federal. Our professional staff will partner with the client and other regulatory agencies having jurisdiction to reach fair and meaningful outcomes to the environmental condition, actions, designs and remediations that we implement. ETC has successfully received approval for hundreds of environmental closures with Hawaii Department of Health and EPA. We know—and are known and trusted by—the regulators—minimizing the potential for regulatory surprises.
- ***Knowledge, Commitment of Local Community to Adjust to Unanticipated Project Activities*** - ETC is an established firm within the Pacific for more than 22 years. Our employees have ties to the community and personal stake in many of the DoD projects. We have relationships with most of the on-island engineering, surveying, environmental, construction and other necessary vendor firms. We have leveraged this experience to minimize impacts on projects in the past.
- ***Pool of Multidiscipline Resources with Pacific Experience*** - With approximately 40 employees in Hawaii, ETC will be able to address any technical issue that may arise.

### **Project Scheduling /Tracking and Ability to Accommodate Surge Workloads**

The planning and scheduling process translates the technical scope, budget objectives, regulatory drivers, and funding sources into a logical process for completing the work. It provides the basis for scheduling labor, equipment and material resources and the baseline against which performance, funding, and cash flow is measured. ETC will employ a WBS consistent with the work scope. The WBS elements, together with detailed schedules, define and sequence discrete work elements and definable features of work. Each of these elements will be tracked and surveyed continually in the MIS and analyzed for variances. The Project Manager uses the detailed WBS derived from the SOW to develop the CTO schedule in Primavera, SureTrak, or MS Project—depending on the complexity of the CTO. The Project Manager (or delegate) loads resource requirements (including labor, materials, equipment, and subcontractor costs) into each scheduled WBS activity. The project schedule is then “resource-leveled” within available float to minimize resource requirement peaks and valleys. Resource-loaded schedules provided by subcontractors are merged directly into the overall Task Order schedule. A project budget plan, derived from the WBS and approved schedule, is also created to facilitate the tracking of cost and funding. The approved baseline schedule and budget plan are key tools for efficient planning and tracking during project performance. They are integrated by the WBS to allow for “what-if” analyses and evaluation of alternatives. The schedule is the key to efficient coordination of project site activities and on time delivery of goods and services to facilitate smooth progress. Ongoing and upcoming activities are tracked daily. The allocation of resources and the on-site equipment needs are forecasted by the Site Superintendent for the day and the upcoming week. The progress achieved is reflected in this “brief” and documented in the daily CQC reports and updates to the schedule.

## **Additional Information** (cont.)

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### **Subcontractors**

The ETC Team has also developed relationships with a variety of subcontractors throughout the State, such as laboratories, drillers, geophysical firms, surveyors, haulers, and recycling/disposal facilities, who may be added to the project delivery team as needed. In some cases, we have already established basic ordering agreements with local vendors, subcontractors, and suppliers to facilitate the procurement process. Day-to-day management of subcontractors will be performed by the lowest appropriate level of management, whether this is a Project Manager or technical specialist, and the ETC Team will ensure that subcontractors perform up to industry standards. Subcontractors who do not comply with technical, health and safety, quality, budgetary, or schedule requirements will be required to develop, submit, and adhere to a corrective action plan. The ETC Team will monitor and aid the subcontractor in getting back on track, but we will not jeopardize the project's success with non-performing or adversarial subcontractors. We have the resources to step in to keep the job on track and to remove a non-performing subcontractor and will impose liquidated on subcontracted elements if necessary.

### **Integrated Programs**

#### **Contract Management Program**

Our management approach is based on the philosophy that we are accountable, functional, and in-depth extensions of our client, and will remain a supporting partner throughout the contract's duration. Our entire organization will work closely with the client to set goals, exchange information, identify potential problems and propose effective solutions, develop responsive schedules, assure resource availability, comply with Federal requirements, work within budgeting constraints, and share ideas on innovative and cost-effective means to support your mission.

#### **Health and Safety Program**

ETC has established a Corporate Health and Safety Plan that meets the requirements of OSHA standards 1920.120, 1926.65; USACE EM 385-1-1 and UFGS Safety Specification 013529, and other applicable regulations and guidance. ETC considers the personal health and safety of our employees, subcontractors, clients, community residents, and visitors, the prevention of work-related accidents and illnesses and property loss, high priorities during project work. Safety will be designed into the systems we construct or operate and maintain. It is integrated throughout the lifecycle of the project. ETC has maintained an excellent safety record.

Our Health and Safety (H&S) Manager will oversee the development and approval of Site Health and Safety Plans (SHSP), which will be built upon our established Corporate H&S Program. He/She will lead pre-field safety reviews, initial orientation and training, assure that the right people attend the pre-construction meeting, and incorporate safety into the three phases of our quality control.

#### **Quality Control Program**

ETC will proactively implement a QC Program Plan under the direction of our Quality Control Manager (QCM). Our primary means of building the desired quality into every phase of each project from planning to reporting is through the use of this formalized plan, which serves as a guide for the development of specific quality control plans for management of our own, our subcontractors' and suppliers' work. The QCM will be responsible for monitoring work, procedures, and documentation; initiating, recommending and providing solutions for quality problems; and assuring the implementation of corrective action both on and off site. He/She will oversee the project QC personnel and provide these individuals with guidance and support.

## **Additional Information** (cont.)

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### **Chemical Quality Control Program**

A key element of our approach to successfully managing the project will be the implementation of a Chemical Data Acquisitions Plan (CDAP). The primary objective of the CDAP is to ensure that technically and legally defensible data are acquired in support of decision-making processes and to ensure that Data Quality Objectives (DQOs) are met. Such plan will also define how analytical services will be provided under the project, to ensure that proper procedures are used for scheduling sample space, as well as sample collection and shipment. A sampling and analysis plan (SAP) will initiate, recommend, and provide solutions for chemical quality problems; and assure the implementation of corrective actions, and audit data validators and laboratories.

### **Construction Quality Control Program**

For construction aspects of a contract, ETC will use the 3-phase system for quality control. This system, which is a basic and fully integrated part of our project management system, includes 3-phase control, submittal management, coordination of design, daily QC reporting and defined responsibilities and authorities:

#### ***Phase I: Preparatory Inspection***

Prior to beginning work on any definable feature, the preparatory inspection will include:

- Review of submittal and contract requirements with the performance of the work
- Check to assure that provisions have been made to provide required field QC testing
- Examine the work area to ascertain that all preliminary work has been completed
- Verify all field dimensions and advise client of any discrepancies
- Perform a physical examination of materials and equipment to assure that they conform to approved shop drawings or submittal data and that all required materials and/or equipment are on hand and comply with the contract requirements.

#### ***Phase II: Initial Inspections***

Initial phase inspections will be performed as soon as a representative portion of the particular feature of work has been accomplished. Initial inspections include, but are not limited to, examination of the quality of workmanship; review of control testing for compliance with control requirements; and identification of defective or damaged materials, omissions, and dimensional requirements. The initial phase inspection is the time to discuss and agree on the required level of quality associated with a given work activity. Discrepancies relative to work quality will be addressed.

#### ***Phase III: Follow-up Inspections***

Follow-up inspections will be performed daily as work progresses to ensure continuing compliance with contract requirements, including control testing, until completion of the particular feature of work. Final follow-up inspections will be conducted and deficiencies corrected prior to beginning new work. The QCM will notify the client at least 24 hours in advance of any inspections. Notification and meeting minutes of all inspections will be recorded in the Daily Quality Control Report.

## Additional Information (cont.)

### Resources

ETC has used field analytical equipment/methods to expedite project schedules. A brief description of the equipment and applications are listed below:

- Immunoassay Kit - During investigation/remediation operations at a salvage yard in Lihue contaminated with PCB, petroleum hydrocarbons, and lead, ETC utilized an immunoassay kit which enabled us to receive expedited results, thereby minimizing the costs associated with mobilizing and demobilizing; while decreasing lab costs.
- Portable Gas Chromatograph (GC) - During investigation/remediation activities at a former dry-cleaning facility in Honolulu contaminated with mineral spirits in the soil, ETC leased a portable GC. The GC enabled ETC to receive expedited results, thereby minimizing the costs associated with mobilizing and demobilizing during remediation efforts.
- Passive Soil Gas Survey (PSGS) - To minimize the time and cost associated with drilling operations, as well as to identify potential off-site sources of petroleum contamination, ETC utilized a PSGS, which allowed ETC to obtain a relative screening of the petroleum contamination in the subsurface & provide an indication of the contaminant plume locations.
- Phase Contract Microscope (PCM) - As a consultant to DAGS, ETC utilized our PCM to verify that abatement contractors adequately removed asbestos from buildings, such as during the renovation of various teacher cottages in Kona and Hilo.
- ISCO Water Quality Samplers – We have experience deploying client-owned ISCO water quality samplers to assess stormwater treatment device efficiencies and evaluate representative stormwater runoff from industrial facilities and municipal separate storm sewer systems.
- Various ETC owned and operated field analytical equipment-ETC’s field testing instrumentation include: CO2 meter, protimeter to monitor ambient humidity/temperature/ moisture content, 4-gas meter to monitor hydrogen sulfide/combustible gas/oxygen/carbon monoxide, particulate meter to calculate worker exposure concentrations, Geiger meter to measure radiation, and photoionization detector.
- X-Ray Fluorescence (XRF) Meter - The XRF is utilized to identify lead concentrations in paint. The XRF uses a radioactive source that, when exposed to lead containing building components, emits x-rays with a characteristic frequency or energy. The intensity of the radiation is then measured by the instrument and reported as lead in milligrams per square centimeter. ETC was able to use the XRF to determine lead content in lead containing paint and characterize the lead content in soil at various sites for the Hawaii Public Housing Authority (HPHA).
- Proficient in: MS Office Professional, ArcGIS, IBM Maximo, AutoCAD

### I. AUTHORIZED REPRESENTATIVE

*The foregoing is a statement of facts*

31. SIGNATURE



32. DATE

06/30/2023

33. NAME AND TITLE

Michael Yee, Managing Principal



# LICENSES - Professional Engineer

License Number PE-17812	Expiration date 4/30/2024		CLASSES (ACTIVE):
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): CE CIVIL MARK T OHIGASHI 3289 A LOWER ROAD HONOLULU, HI 96822			
 SIGNATURE OF LICENSEE			

License Number PE-15516	Expiration date 4/30/2024		CLASSES (ACTIVE):
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): CE CIVIL VIJAYA L TUMMALA 9300 COIT ROAD APT 511 PLANO, TX 75025			
 SIGNATURE OF LICENSEE			

Board of Licensure for Professional Engineers & Professional Surveyors  
This is to certify that

**Douglas Carl Williams**

has complied with all requirements of the Board including the Professional Development Program and is duly licensed as a Professional Engineer and is hereby authorized to practice as such in the State of New Mexico until 12/31/2023.

 License No. **24877**

Signature: **Clifford Spirock, PS** Board Chair  
License No. **Ronald R. Bohannon, PE** Board Secretary

**STATE OF OREGON**  
BOARD OF EXAMINERS FOR ENGINEERING & LAND SURVEYING

**Douglas Williams**


This certifies that the person named above is registered as an authorized:  
**Professional Engineer**

License Number **94490PE**  
Expiration Date **06/30/2024**

Especially qualified discipline:  
**Civil Engineering**

# LICENSES/ACCREDITATIONS - Industrial Hygiene

## Sara Marvin



**State of Hawai'i  
Asbestos Certification**  
Training Course Exp. Dates

W	n/a	MP	09/08/23
CS	n/a	PD	02/10/23
INS	09/08/23	PM	03/27/23

W= Worker  
CS= Cont./Sup.  
INS= Inspector  
PD= Project Designer  
MP= Mgmt. Planner  
PM= Project Monitor

**Marvin  
Sara**  
EnviroServices & Training Center, LLC  
HIASB-4361  
State Exp. Date **10/23/2023**




**State of Hawai'i  
Lead Based Paint Activities Certification**

Expiration Dates:

Inspector	n/a
Supervisor	n/a
Risk Assessor	09/25/2024
Project Designer	12/01/2023
Worker	n/a

**Marvin  
Sara**  
Certification # PB-0973

## Akari Ihara



**State of Hawai'i  
Asbestos Certification**  
Training Course Exp. Dates

W	n/a	MP	n/a
CS	n/a	PD	n/a
INS	03/02/23	PM	03/02/23

W= Worker  
CS= Cont./Sup.  
INS= Inspector  
PD= Project Designer  
MP= Mgmt. Planner  
PM= Project Monitor

**Ihara  
Akari R.**  
Globeteck Group, Inc.  
HIASB-1014  
State Exp. Date **04/20/2023**




**State of Hawai'i  
Lead Based Paint Activities Certification**

Expiration Dates:

Inspector	n/a
Supervisor	n/a
Risk Assessor	09/17/2025
Project Designer	n/a
Worker	n/a

**Ihara  
Akari**  
Certification # PB-0056

## Hercules Kahooilihala




**State of Hawai'i  
Asbestos Certification**  
Training Course Exp. Dates

W	n/a	MP	02/09/24
CS	01/23/24	PD	01/24/24
INS	02/09/24	PM	10/28/23

W= Worker  
CS= Cont./Sup.  
INS= Inspector  
PD= Project Designer  
MP= Mgmt. Planner  
PM= Project Monitor

**Kahooilihala  
Hercules P.**  
EnviroServices & Training Center, LLC  
HIASB-2271  
State Exp. Date **02/25/2024**




**State of Hawai'i  
Lead Based Paint Activities Certification**

Expiration Dates:

Inspector	n/a
Supervisor	03/19/2023
Risk Assessor	04/16/2025
Project Designer	03/19/2023
Worker	n/a

**Kahooilihala  
Hercules**  
Certification # PB-0052

## Stevie Ward




**State of Hawai'i  
Asbestos Certification**  
Training Course Exp. Dates

W	n/a	MP	n/a
CS	n/a	PD	n/a
INS	07/27/23	PM	10/28/23

W= Worker  
CS= Cont./Sup.  
INS= Inspector  
PD= Project Designer  
MP= Mgmt. Planner  
PM= Project Monitor

**Ward  
Stevie L.**  
EnviroServices and Training Center, LLC  
HIASB-5234  
State Exp. Date **07/29/2023**



**State of Hawai'i  
Lead Based Paint Activities Certification**

Expiration Dates:

Inspector	09/26/2025
Supervisor	n/a
Risk Assessor	n/a
Project Designer	n/a
Worker	n/a

**Ward  
Stevie L.**  
Certification # PB-1311



STATE OF HAWAII  
STATE PROCUREMENT OFFICE

**CERTIFICATE OF VENDOR COMPLIANCE**

This document presents the compliance status of the vendor identified below on the issue date with respect to certificates required from the Hawaii Department of Taxation (DOTAX), the Internal Revenue Service, the Hawaii Department of Labor and Industrial Relations (DLIR), and the Hawaii Department of Commerce and Consumer Affairs (DCCA).

**Vendor Name:** ENVIROSERVICES & TRAINING CENTER, LLC

**Issue Date:** 03/24/2023

**Status:** **Compliant**

Hawaii Tax#:

New Hawaii Tax#: GE-0051929088-01

FEIN/SSN#: XX-XXX1305

UI#: XXXXXXX9320

DCCA FILE#: 831

Status of Compliance for this Vendor on issue date:

Form	Department(s)	Status
A-6	Hawaii Department of Taxation	Compliant
8821	Internal Revenue Service	Compliant
COGS	Hawaii Department of Commerce & Consumer Affairs	Compliant
LIR27	Hawaii Department of Labor & Industrial Relations	Compliant

**Status Legend:**

Status	Description
Exempt	The entity is exempt from this requirement
Compliant	The entity is compliant with this requirement or the entity is in agreement with agency and actively working towards compliance
Pending	A status determination has not yet been made
Submitted	The entity has applied for the certificate but it is awaiting approval
Not Compliant	The entity is not in compliance with the requirement and should contact the issuing agency for more information

# ACORD™ CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YY)  
03/24/2023

<b>PRODUCER</b>  ACW GROUP, LLC JEFFREY WALL - AGENT 1000 BISHOP ST STE 600 HONOLULU HI 96813	Serial # 129610 jwall@acwhawaii.com PH (808) 535-5060 FAX (808) 535-5055	THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW.												
<b>INSURED</b>  ENVIROSERVICES & TRAINING CENTER, LLC 505 WARD AVENUE, SUITE 202 HONOLULU, HI 96814		<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURERS AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC#</th> </tr> <tr> <td>INSURER A: ADMIRAL INSURANCE COMPANY</td> <td>24856</td> </tr> <tr> <td>INSURER B: FIRST INSURANCE COMPANY OF HI, LTD.</td> <td>41742</td> </tr> <tr> <td>INSURER C: CRUM &amp; FORSTER INDEMNITY COMPANY</td> <td>31348</td> </tr> <tr> <td>INSURER D: MARKEL AMERICAN INSURANCE COMPANY</td> <td>28932</td> </tr> <tr> <td>INSURER E:</td> <td></td> </tr> </table>	INSURERS AFFORDING COVERAGE	NAIC#	INSURER A: ADMIRAL INSURANCE COMPANY	24856	INSURER B: FIRST INSURANCE COMPANY OF HI, LTD.	41742	INSURER C: CRUM & FORSTER INDEMNITY COMPANY	31348	INSURER D: MARKEL AMERICAN INSURANCE COMPANY	28932	INSURER E:	
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INSURER D: MARKEL AMERICAN INSURANCE COMPANY	28932													
INSURER E:														

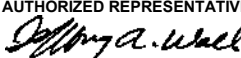
**COVERAGES**

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 POLICES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES, AGGREGATE LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	ADD'L NSRD	TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)	LIMITS
A		<b>GENERAL LIABILITY</b>	FEI-ECC-12158-10	01/01/2023	01/01/2024	EACH OCCURRENCE \$ <b>1,000,000</b>
		<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY				DAMAGE TO RENTED PREMISES (Ea occurrence) \$ <b>50,000</b>
		<input type="checkbox"/> CLAIMS MADE <input checked="" type="checkbox"/> OCCUR				MED EXP (Any one person) \$ <b>5,000</b>
		<input checked="" type="checkbox"/> POLLUTION LIABILITY				PERSONAL & ADV INJURY \$ <b>1,000,000</b>
		<input checked="" type="checkbox"/> PROFESSIONAL (INCL E & O)				GENERAL AGGREGATE \$ <b>2,000,000</b>
		GEN'L AGGREGATE LIMIT APPLIES PER:				PRODUCTS - COMP/OP AGG \$ <b>2,000,000</b>
		<input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC				
B		<b>AUTOMOBILE LIABILITY</b>	CBA1000223231-26	01/01/2023	01/01/2024	COMBINED SINGLE LIMIT (Ea accident) \$
		<input checked="" type="checkbox"/> ANY AUTO				BODILY INJURY (Per person) \$ <b>1,000,000</b>
		<input checked="" type="checkbox"/> ALL OWNED AUTOS				BODILY INJURY (Per accident) \$ <b>1,000,000</b>
		<input checked="" type="checkbox"/> SCHEDULED AUTOS				PROPERTY DAMAGE (Per accident) \$ <b>1,000,000</b>
		<input checked="" type="checkbox"/> HIRED AUTOS				
<input checked="" type="checkbox"/> NON-OWNED AUTOS						
		<b>GARAGE LIABILITY</b>				AUTO ONLY - EA ACCIDENT \$
		<input type="checkbox"/> ANY AUTO				OTHER THAN AUTO ONLY: EA ACC \$
						AGG \$
		<b>EXCESS/UMBRELLA LIABILITY</b>				EACH OCCURRENCE \$
		<input type="checkbox"/> OCCUR <input type="checkbox"/> CLAIMS MADE				AGGREGATE \$
		<input type="checkbox"/> DEDUCTIBLE				\$
		<input type="checkbox"/> RETENTION \$				\$
C		<b>WORKER'S COMPENSATION AND EMPLOYERS' LIABILITY</b>	4087424376	01/01/2023	01/01/2024	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER
		ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?				EL EACH ACCIDENT \$ <b>1,000,000</b>
		If yes, describe under SPECIAL PROVISIONS below				EL DISEASE - EA EMPLOYEE \$ <b>1,000,000</b>
						EL DISEASE - POLICY LIMIT \$ <b>1,000,000</b>
		<b>OTHER</b>				

DESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES/EXCLUSIONS ADDED BY ENDORSEMENT/SPECIAL PROVISIONS

**\*\*EVIDENCE OF INSURANCE\*\***

<b>CERTIFICATE HOLDER</b>	<b>CANCELLATION</b>
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL <u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL IMPOSE NO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, ITS AGENTS OR REPRESENTATIVES.
	AUTHORIZED REPRESENTATIVE  <b>JEFFREY A. WALL, PARTNER/AGENT</b>