Qualifications to Provide Professional Services for the Fiscal Year 2025-2026

Submitted to
County of Hawai‘i
Office of Housing and Community Development

Submitted by
Oceanit Laboratories, Inc.

oceanit
innovation through engineering & scientific excellence

30 June 2025

Ms. Kehaulani M. Costa, Administrator
Housing and Community Development
1990 Kino'ole Street, Suite 102, Hilo, Hawai'i 96720

SUBJECT: Qualifications to Provide Professional Services for the Fiscal Year 2025-2026

Dear Ms. Costa:

Oceanit is pleased to submit our letter of interest and qualifications to the Hawai'i County Office of Housing and Community Development to provide professional services under the categories identified below:

OH.1) Community Planning (Community Engagement, Strategic Planning)
OH.2) Community Planning (Environmental Assessment)
OH.4) Construction Management/Inspector
OH.5) General Engineering (Construction Inspector)
OH.6) General Engineering (Project Manager)

Oceanit's ***Resilient Sustainable Engineering*** (***RiSE***) group has proudly provided diverse engineering and planning project services to public and private clients in Hawai'i and outside for 40 years. The RiSE team comprises experienced professional civil engineers, coastal engineers, environmental scientists, planners, drafters/designers, and technicians who have successfully delivered civil, coastal, and environmental engineering design as well as construction management, planning, permitting, and environmental document preparation.

Our submittal package includes:

- Contact Information and Team Composition (Federal Form 330)
- Key Personnel Resumes and Qualifications (Federal Form 330)
- Example Projects (Federal Form 330)
- Additional Information (including client references and conflict of interest statement)
- General Qualifications (Federal Form 330)
- Appendix I – Key Personnel Certificates and Professional Licenses
- Appendix II – Oceanit Brochure
- Appendix III – Certificates of Company Insurance and Vendor Compliance

We look forward to the opportunity to provide our professional services.

Sincerely,

Ken Cheung

Ken Cheung, PhD, PE
Science and Engineering Director

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT-SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION *(City and State)*
Notice to Providers of Professional Services (HRS 103D-304)

2. PUBLIC NOTICE DATE	3. SOLICITATION OR PROJECT NUMBER
01 June 2025	

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE
Linyan Li Goo, Project Engineer

5. NAME OF FIRM
Oceanit

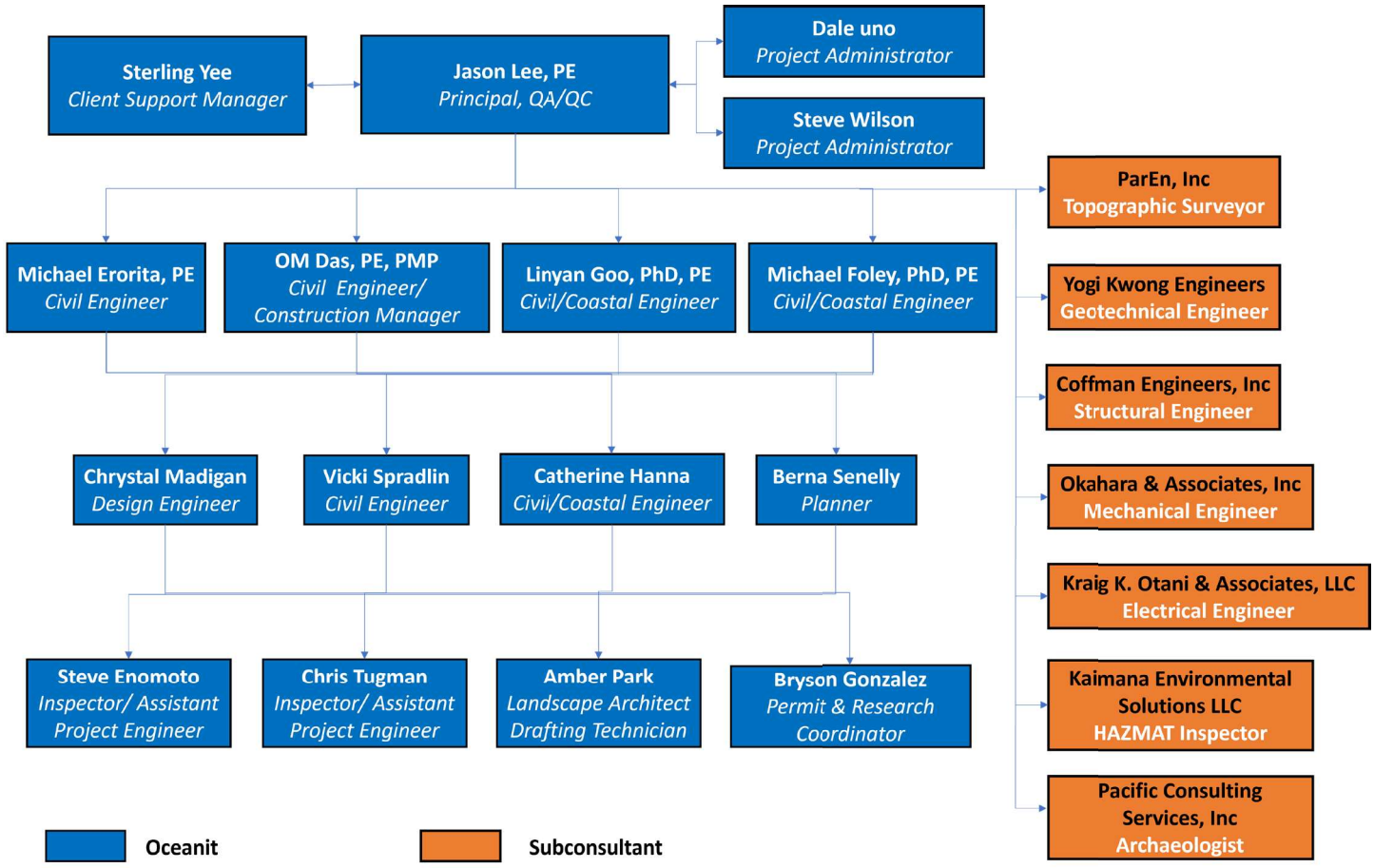
6. TELEPHONE NUMBER	7. FAX NUMBER	8. E-MAIL ADDRESS
808/531-3017	808/531-3177	lli@oceanit.com

C. PROPOSED TEAM

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

	(Check) Prime	J-V Partner	Subcontractor	9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
a.	X			Oceanit ☐ CHECK IF BRANCH OFFICE	828 Fort Street Mall, Suite 600 Honolulu, HI 96813	Prime consultant
b.			X	ParEn, Inc. ☐ CHECK IF BRANCH OFFICE	711 Kapiolani Blvd, Suite 1500 Honolulu, HI 96813	Topographic Surveyor
c.			X	Yogi Kwong Engineers ☐ CHECK IF BRANCH OFFICE	677 Ala Moana Blvd #710, Honolulu, HI 96813	Geotechnical Engineer
d.			X	Coffman Engineers, Inc. ☐ CHECK IF BRANCH OFFICE	745 Fort St #400, Honolulu, HI 96813	Structural Engineer
e.			X	Okahara & Associates, Inc. ☐ CHECK IF BRANCH OFFICE	201 Merchant St #1650, Honolulu, HI 96813	Mechanical Engineer
f.			X	Kraig K. Otani & Associates, LLC ☐ CHECK IF BRANCH OFFICE	99-860 Iwaena St #202 Aiea, HI 96701	Electrical Engineer
g.			X	Kaimana Environmental Solutions LLC ☐ CHECK IF BRANCH OFFICE	PO Box 11890 Honolulu, HI 96828	Hazardous Material Inspections/ Environmental Compliance
h.			X	Pacific Consulting Services, Inc ☐ CHECK IF BRANCH OFFICE	1130 N. Nimitz Hwy, Suite C-300 Honolulu, HI 96817	Archaeologist

D. ORGANIZATIONAL CHART OF PROPOSED TEAM



Key Personnel Resumes

Oceanit

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Jason Y. Lee, PE	**Principal, Senior Civil Engineer**	a. TOTAL 28	b. WITH CURRENT FIRM 4

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS Civil Engineering / 1996	Hawai'i, Civil Engineering, No. 13669 Nevada, Civil Engineering, No. 15275

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Computer Skills: AutoCAD, ArcGIS, HEC-1, HEC-2, HEC-RAS, Flo-2D, WSPGW, FlowMaster, CulvertMaster

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
HNL AOA Fence Replacement
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Senior Civil Engineer. Performed an assessment of over 12 miles of AOA fencing along the HNL Airport perimeter. Served the role of Project Manager and Technical Lead of the design team for field inspections, preparation of assessment reports highlighting condition and security compliance, and design of recommended improvements.

b.

(1) TITLE AND LOCATION (City and State)
Waikiki Aquarium Effluent Discharge System Upgrade
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Senior Civil Engineer. Evaluated and designed upgrades for the aquatic life exhibit effluent disposal system to meet the NPDES regulatory requirements. Served the role of Project Manager and Technical Lead of the design team for the preparation of construction plans, specifications, and cost estimates.

c.

(1) TITLE AND LOCATION (City and State)
Saddle Road – West Side Mamalahoa Hwy (SR 190) to MP 41 (Daniel K. Inouye Hwy)
Island of Hawai'i, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2010 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Senior Engineer. This project was a 10-mile new alignment bypass of the old Saddle Road on the Big Island of Hawai'i. The project was performed for the Federal Hwy Administration, the Central Federal Lands Hwy Division, and HDOT-Hwy Division. Responsibilities: Performed hydrologic and hydraulic analyses and recommended drainage improvements to be included in the preliminary design plans.

d.

(1) TITLE AND LOCATION (City and State)
Honolulu Rail Transit (East Kapolei to Aloha Stadium)
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2010 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Senior Engineer. Performed hydraulic and scour analysis of the rail columns at the channel/stream crossings near the junction of H2 and Farrington Hwy and near the intersection of Kualakai Pkwy and Hoomohala Ave.

e.

(1) TITLE AND LOCATION (City and State)
Lone Mountain/Beltway Detention Basins and Gowan Beltway Chnl
Clark County, Nevada

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2008 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Senior Engineer. Project consisted of 600 acre-feet dual detention basins connected by a balance conduit with a dual level of outfall flow control and a number of inflow storm drains and channels, including a 2-mile inflow channel that conveys up to 3800 cfs. Responsibilities: Performed hydrologic analyses for a drainage area over 10 sq. mi.; coordinated with another engineering firm in reconciling the hydrology of the project with the Las Vegas Valley 2008 Master Plan Update; performed hydraulic analyses and design of drainage facilities, including dual detention basins, emergency spillways, balance conduit, dual level outfall orifices, stepped spillway channels, inflow storm drains and channels with energy dissipaters; prepared design report; QA/QC of plans and specs.

f.

(1) TITLE AND LOCATION (City and State)
Gowan Outfall Lone Mountain Branch – Rancho to Decatur
Las Vegas, Nevada

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2008 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Senior Engineer. Project was a 2.2-mile storm drain system that consisted of RCBs ranging from 6-ft X 6-ft to 14-ft X 7-ft and conveyed up to 1600 cfs. Responsibilities: Performed hydraulic analyses and design of 2.2-mile RCB storm drain system that included the mainline, laterals, and drop inlets; provided QA/QC review of drawings and plans; prepared 30%, 70%, 90%, and final hydraulic design reports; identified and resolved utility conflicts; coordinated with City of Las Vegas, Clark County Regional Flood Control, and Nevada Dept. of Transportation.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Sterling Yee	**Client Support Manager**	a. TOTAL 39	b. WITH CURRENT FIRM 11

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS, Business Administration and Marketing MBA, Business Administration	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certificates: Leadership Development Certificate, University of Maryland, Center for Creative Leadership. Organizations: Treasurer, American Lung Association of the Mountain Pacific, Seattle, WA. Instructor for 4 IT auditing classes for the MIS Training Institute in Boston, Chicago, New York, and London.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Ala Wai Watershed Flood Risk Management Project
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2020 — CONSTRUCTION (If applicable):

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

Project Manager. Oceanit was asked by the City and County of Honolulu to get involved in this project after the release of an FEIS by the USACE resulted in widespread community opposition. The USACE plan was intended to prevent large-scale flood damage. Mr. Yee participated in community outreach meetings, helped develop alternate plans that were more community-friendly and did not require condemning private lands, flooding school grounds and provided equal or increased flood protection than those presented in the USACE plan. He also helped evaluate other community derived ideas such as flood gates and locks and pumps in the Ala Wai, underground detention basins, retractable canal walls, dryland and wetland plots to dissipate and hold flood waters and dredging of the Ala Wai to improve water flow.

b.

(1) TITLE AND LOCATION (City and State)
Program Management Consulting Services
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015 — CONSTRUCTION (If applicable):

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

Program manager for the organizational change management (OCM) efforts for the State of Hawai'i Office of Information Management and Technology Program Management (OIMT) for business transformation initiatives. The plan uses a user-centered approach to garner user buy-in and adoption. Main focus areas included leadership, communication, learning and knowledge transfer, organizational structure and job redesign, and resistance management. The approximate project cost was $3.1 million.

c.

(1) TITLE AND LOCATION (City and State)
La Pietra Hawai'i School for Girls
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2014 — CONSTRUCTION (If applicable):

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

Chief operating officer responsible for the school's IT, accounting, finance, and facilities maintenance. Completed the design and implementation of a robust network, ensuring every area on campus had full access to the network and Internet.

d.

(1) TITLE AND LOCATION (City and State)
Hawai'i Broadband Initiative
Statewide, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2012 — CONSTRUCTION (If applicable):

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

Worked on this initiative with the primary goal of providing broadband connectivity to every public school in Hawai'i. Assisted with administering council meetings, evaluating technical specifications, reviewing financial plans and projections, and preparing necessary legislation to enable the initiative to move the project forward.

e.

(1) TITLE AND LOCATION (City and State)
Information Technology Audits
Statewide, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2010 — CONSTRUCTION (If applicable):

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

Assistant auditor for the Office of the Auditor office information technology (IT) audits. Managed operational audits, including an audit of all IT functions of the State of Hawai'i and Office of Hawaiian Affairs, investigation of the Bureau of Conveyances, and audit of the Molokai Irrigation Ditch connecting water from the east end of the island to the west end.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Stephen B. Wilson	**Project Administrator**	a. TOTAL: 52	b. WITH CURRENT FIRM: 6

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS / 1973 / Mechanical Engineering MBA / 1980 / Business Administration	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Navy SCUBA Qualified, Drydock Master, Software Engineering Institute/Carnegie Mellon Capability Maturity Model, Hammer & Champy's Business Process Reengineering (BPR), Total Quality Management (TQM), International Organization for Standardization ISO 9001 auditor, Legislative Auditor for State of Hawaii (management & performance audits)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
North Kawaihae Small Boat Harbor Improvements Kawaihae, Hawaii	PROFESSIONAL SERVICES: 2025 (est.)	CONSTRUCTION (If applicable):

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

Project Manager - Provided damage assessment reports, construction plans, specifications and cost estimates for the main breakwater, rock revetment, parking lot, boat washdown and drainage improvements, utility upgrades, a drainage evaluation, wave modelling and report, an Environmental Assessment, and all required permits. The main breakwater that is supposed to protect the harbor, has undergone major repairs in the past due to wave damage. The most recent wave damage occurred in January 2020, rendering the marginal wooden wharf and much of the harbor utilities unusable. The proposed improvements will strengthen the compromised breakwater, construct a sand berm along the shoreline to prevent sand from accumulating on the boat ramp and replace or repair damaged infrastructure. Estimated Construction Cost: Main Breakwater - $4.62 M, Infrastructure Improvements - $1.16 M

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Kahana Nui Basin Dam, Department of Public Works Kahana, Hawaii	PROFESSIONAL SERVICES: ongoing	CONSTRUCTION (If applicable):

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

Project Manager - Oversaw Hydrological and Hydraulic analysis, Spillway Adequacy Analysis, updated design for outflow intake and dam controls, prepared design report, prepared and submitted application for approval of Plans and Specifications to the Hawaii Dam Safety Program.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Ala Wai Watershed Flood Mitigation Project Honolulu, Hawaii	PROFESSIONAL SERVICES: 2020	CONSTRUCTION (If applicable):

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

Project Manager - Oversaw hydrologic and hydraulic computer modeling of watershed, developed conceptual designs for flood mitigation solutions, conducted engineering review of USACE flood mitigation plans, performed community engagement and outreach meetings, coordinated activities with stakeholders, agencies, and community.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
General Manager and Construction Engineer Kailua-Kona and Honolulu, Hawaii	PROFESSIONAL SERVICES: 2004-2006	CONSTRUCTION (If applicable): 2004-2006

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

Construction & Operations Management - Construction of modular homes using light gauge steel frames and trusses that were manufactured from coils of light gauge steel in a plant environment. Manufactured entire home in two pieces that were trucked to job site and assembled and closed up. Homes were secured to foundations and utilities connected.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
General Manager/Aloha Aina Homes, LLC Kailua-Kona and Honolulu, Hawaii	PROFESSIONAL SERVICES: 2004-2005	CONSTRUCTION (If applicable):

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

Helped to establish new business to manufacture modular homes using light gauge steel frames and trusses in a new plant environment. Left company to start up similar operation in Honolulu. Worked with consultants to plan, develop and implement operating plan. Served as onsite engineer. Defined and implemented Manufacturing Process Management Systems. Documented and implemented standard operating procedures (Safety Manual/Program, Steel Stud Quality Control Manual & Plant Quality Control Manual) and quality standards.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Dale Uno	**Project Administrator**	30	5

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Bachelor of Arts / English / University of Hawai'i at Mānoa / 1994	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Proficient in both Windows and Mac operating systems, as well as in the use of industry-standard software programs: Word, Excel, Outlook, PowerPoint, Photoshop, and Quickbooks Pro.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Organizational Change Management for Hawaii Gas' Project FOCUS (For Our CUStomers)
Hawai'i (statewide)

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2023	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Community Outreach Specialist. Assisted with conducting Design Thinking workshop for the project's core team and numerous individual and group stakeholder meetings; engaged clients in industry-standard methods and practices to guide them through a structured OCM approach that yielded a comprehensive stakeholder analysis matrix, as well as a deep understanding of individual and group needs. Developed and implemented an OCM plan that provided a structure for engaging with stakeholders through each phase of the project. Managed documentation of interactions with clients and stakeholders; maintained several logs and issue trackers. Drafted and submitted final report which included lessons learned and recommendations as requested by the client.

b.

(1) TITLE AND LOCATION (City and State)
North Kawaihae Small Boat Harbor Improvements
Kawaihae, Big Island, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2025	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Researched pre-consultation list; assisted with pre-consultation process and managed documentation. Environmental Assessment drafting and editing.

c.

(1) TITLE AND LOCATION (City and State)
Waikiki Aquarium Discharge System Upgrade
Honolulu, O'ahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2023	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Environmental Assessment drafting and editing.

d.

(1) TITLE AND LOCATION (City and State)
Moloa'a, Waimea Water Supply
Kaua'i, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2022	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Helped resolve a boundary dispute involving the Kaua'i Department of Water, DAGS Land Survey Division, DLNR and HDOT. The resolution required updating of a survey map and description on the legal document.

e.

(1) TITLE AND LOCATION (City and State)
Kauai Kailani Beach Restoration
Kapa'a, Kaua'i, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2021	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Facilitated introduction of concurrent resolutions in both houses of the Legislature which was a requirement for an easement needed for the project. Liaised with DLNR and kept clients updated on status of the legislation. HCR 166 was adopted by the Legislature.

f.

(1) TITLE AND LOCATION (City and State)
Kahana Bay Erosion Mitigation Project
Kahana, Maui, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2021	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Assisted in preparation of the Environmental Impact Statement (EIS) Preparation Notice and Draft EIS for beach restoration at Kahana Bay, Maui. Assisted in responses to hundreds of public community and agency comments.

g.

(1) TITLE AND LOCATION (City and State)
Ala Wai Watershed Flood Mitigation Project
Honolulu, O'ahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2020	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Community Outreach Specialist. Facilitated Oceanit's engagement with members of the community, elected officials, government agencies, and organizations.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Om Das, P.E., PMP	**Construction Project Manager, Senior Civil Engineer**	11	3

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
B.Tech, Chemical Engineering / 2008 M.S., Civil Engineering / 2011	Hawaii, Civil Engineering

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Project Management Professional (PMP), OSHA 30-Hour Construction Industry Outreach, OSHA 10-Hour Construction Industry Outreach, LEED Green Associate,

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Water Systems Upgrade at the Waikiki Aquarium for the University of Hawaii, Manoa

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2023	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil Engineer responsible for project management and project design, planning & permitting. Scope of project includes design of injection well system for the discharge of water effluent from the aquarium's exhibits.

b.

(1) TITLE AND LOCATION (City and State)
HNL NDWP IIT Mauka Extension, Daniel K. Inouye Intl Airport
Honolulu, Hawaii

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2021	2021

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Construction Project Manager responsible for the coordination of project work with the project stakeholders, coordination of design changes with the Owner, Designer & Contractor, inspecting Contractor's work in accordance with the Project Documents and negotiating change orders with the Contractor. Scope of the project included the demolition of the old Commuter Terminal and the construction of the new Inter-Island Terminal Mauka Extension at HNL. Approximate Construction Cost was $270 Mil.

c.

(1) TITLE AND LOCATION (City and State)
HNL HDWP Widen Taxilanes G&L Phase I, Daniel K. Inouye Intl Airport
Honolulu, Hawaii

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2018	2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Construction Project Manager responsible for the coordination of project work with the project stakeholders, coordination of design changes with the Owner, Designer & Contractor, inspecting Contractor's work in accordance with the Project Documents and negotiating change orders with the Contractor. Scope of the project included the widening & full pavement reconstruction of Taxilanes G & L to accommodate ADG-V type aircrafts. Approximate Construction Cost was $60 Mil.

d.

(1) TITLE AND LOCATION (City and State)
Waiahole Water System Improvements for the State of Hawaii, Department of Agriculture
Honolulu, Hawaii

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2021	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil Engineer responsible for project design and permitting. Scope of project included the replacement of four irrigation siphons along the Waiahole Water System Improvements that convey irrigation water from one part of the Island of Oahu to another for agricultural use.

e.

(1) TITLE AND LOCATION (City and State)
Lima Ola Work Force Housing Development for Kauai County Housing Agency
Kauai, Hawaii

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2013	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil Engineer responsible for the development of an environmental assessment report, preliminary engineering report and a water model for the project.

f.

(1) TITLE AND LOCATION (City and State)
Force Main Condition Assessment for the Department of Design & Construction, City & County of Honolulu
Honolulu, Hawaii

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2014	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil Engineer responsible for developing a work plan for the condition assessment of three wastewater force mains at Kaneohe, Kailua and Halawa and documenting the findings of the condition assessment in an engineering report.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Linyan Li Goo, PhD, PE	**Civil/Coastal Engineer**	a. TOTAL 6	b. WITH CURRENT FIRM 6

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)
BS Environmental Engineering / 2008
MS Environmental Science and Engineering / 2011
PhD Ocean and Resources Engineering / 2018

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
State of Hawaii Professional Engineer License No. 20193

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

Yamazaki Y., Bai Y., Goo L.L., Cheung, K.F., Lay, T. (2023). Nonhydrostatic Modeling of Tsunamis from Earthquake Rupture to Coastal Impact. Journal of Hydraulic Engineering.
*Li, L., Cheung, K.F. (2018). Numerical dispersion in non-hydrostatic modeling of long-wave propagation. Ocean Modeling. doi: 10.1016/j.ocemod.2019.05.002.
*Li, L., Cheung, K.F., Yue, H., Lay, T., and Bai, Y. (2016). Effects of dispersion in tsunami Green's functions and implication for joint inversion with seismic and geodetic data: a case study of the 2010 Mentawai Mw 7.8 earthquake. Geophysical Research Letters, 43(21), 11182-11191.
*Li, L., Lay, T., Cheung, K.F., and Ye, L. (2016). Joint modeling of teleseismic and tsunami wave observations to constrain the 16 September 2015 Illapel, Chile Mw 8.3 earthquake rupture process. Geophysical Research Letters, 43(9), 4303-4312.
* Work published under maiden name Li

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Kahana Nui Basin Dam Improvements
Maui, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):

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

Project Engineer. Performed hydrologic and hydraulic modeling for the Kahana Nui watershed and reservoir using USACE's HEC-HMS and HEC-RAS (2D) model systems. Evaluated downstream flooding effects under various dam improvement alternatives. Prepared Hydrologic and Hydraulic Analysis Report and Downstream Flooding Effects Report.

b.

(1) TITLE AND LOCATION (City and State)
Anahola Farm Lots Water System Project
Kauai, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2022; CONSTRUCTION (If applicable):

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

Project Engineer. Provided construction support including submittal and RFI review and coordinated with construction manager to ensure the construction follow the intended design. Prepared Assets Inventory and Management Plan for the new entire water system. Complied O&M manual for the new water system.

c.

(1) TITLE AND LOCATION (City and State)
Ala Wai Watershed Flood Mitigation
Honolulu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2021; CONSTRUCTION (If applicable):

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

Project Engineer. Performed hydrologic and hydraulic modeling using HEC-HMS and HEC-RAS for various frequencies of flood events to assess hazards for the Ala Wai Watershed. Evaluated conceptual designs involving a set of tunnels, combined with ideas suggested by the community. Modeling results provided critical information for the design phase.

d.

(1) TITLE AND LOCATION (City and State)
Kalakaua Floating Bridge Flow Condition Analysis
Honolulu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2021; CONSTRUCTION (If applicable):

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

Project Engineer. Conducted hydraulic analysis to evaluate flood impacts of constructing a bridge, crossing Kalakaua bridge, along the Ala Wai Canal. Prepared a report to document the findings and potential impacts on general flood condition in the adjacent areas due to the proposed project.

e.

(1) TITLE AND LOCATION (City and State)
Kahana Bay Erosion Mitigation
Kahana, Maui, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2019; CONSTRUCTION (If applicable):

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

Coastal Engineer. Performed wave climate data analysis to define typical swell events for coastal erosion. Developed DEM (digital elevation model) by incorporating multiple data resources including Lidar, Multibeam, and Nautical charts etc. Performed wave modeling using SWAN (Simulating Waves Near Shore) to evaluate wave impacts and worked on beach stabilization structure design.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Michael J. Foley, PhD, PE	**Senior Civil and Coastal Engineer**	a. TOTAL 19	b. WITH CURRENT FIRM 19

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Ph.D. Civil Engineering, 2015 M.S. Civil and Environmental Engineering, 2011 B.A. Environmental Science: Concentration in Physics, 2006	Professional Engineer, Civil Engineering Class, State of Hawai'i (PE-17342)

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Dr. Foley is a Civil, Ocean and Environmental Engineer with years of experience in engineering analysis and design services as well as environmental assessment and monitoring projects. His specialties include hydraulic and hydrologic analysis and design, coastal engineering and environmental planning and permitting.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Pahonu Beach and Shoreline Restoration
Waimanalo, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Manager. In the first phase, temporary shoreline erosion controls were designed and installed to address imminent risks of coastal hazards along multiple properties. Next, an engineering assessment was completed to explore long-term options. In the later phase, coastal data was collected and a numerical model of the beach dynamics was developed. A plan for beach nourishment and stabilization was proposed. Design fee: $300,000

b.

(1) TITLE AND LOCATION (City and State)
Kahana Regional Beach Erosion Mitigation
Lahaina, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Principle Investigator. Approximately ¾ mile of shoreline developed with nine condominium complexes is exposed to severe shoreline hazards due to beach and shoreline erosion. Dr. Foley lead the design of a shoreline restoration project, assessment of multiple design alternatives, preparation of an environmental impact statement, and community outreach.

c.

(1) TITLE AND LOCATION (City and State)
Portlock Road Drainage Outfall Improvements
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2015; CONSTRUCTION (If applicable): 2021

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. An existing nearshore breakwater protecting the outlet of an existing at municipal stormwater drainage outfall was damaged. Dr. Foley design a replacement coastal structure to mitigate wave energy, sediment transport and drainage issues at the shoreline. The project involved evaluation of coastal dynamics, innovative structure design, environmental permits, land use entitlements, construction plans, specifications, cost estimate, and post design services.

d.

(1) TITLE AND LOCATION (City and State)
Hale'iwa and Waialua Flood Mitigation Study
Waialua, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Assessed the existing flood situation for the Helemano/ Paukauila/ Kaukonahua Watersheds and developed conceptual alternatives to reduce flooding in the area. Hydrology and hydraulic modeling was conducted to identify the flood areas and design concepts were developed that may be implemented throughout the watershed to reduce flooding.

e.

(1) TITLE AND LOCATION (City and State)
Keōpū-Hienaloli Streams Flood Control Project
Kona, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2013; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Conducted a hydrological analysis of the watershed area including eight flood levels (2-year, 5-year, 10-year, 25-year, 50-year, 100-year, 200-year and 500-year storms). Identified and assessed existing flood control and drainagefacilities within the project area. Developed a hydraulic design analysis for a proposed flood reduction plan.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Michael Erorita, PE	**Civil Engineer**	6	1

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS Civil Engineering / 2008	Hawai'i, Civil Engineering, No. 19497

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Computer Skills: AutoCAD, Civil3D, WaterGEMS, SewerGEMS, HEC-RAS

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Storm Drainage Structural BMP Improvements in the Salt Lake Area, Phase II
Honolulu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2024-2025	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Assessed the feasibility of installing permanent stormwater BMPs to reduce pollution collected by the City's storm drain system from discharging to the Salt Lake ponds and canals. Currently proposed work consists of design and construction of a hydrodynamic separator and diversion box, and installation of multiple catch basin inlet screens.

b.

(1) TITLE AND LOCATION (City and State)
Paiko Drive Water Main Replacement
Honolulu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2024-2025	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Designed and prepared construction plans, specifications, cost estimates and permits for the replacement of approximately 1,200 feet of water mains and appurtenances along Paiko Drive for the City and County of Honolulu, Board of Water Supply.

c.

(1) TITLE AND LOCATION (City and State)
Big Island Jet Center
Kailua-Kona, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2022-2023	2023

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Site development for a Fixed Based Operations (FBO) at the Kona International Airport. Scope of work for the private terminal included aircraft apron, terminal, hangars, fueling site, several parking areas, vehicle access roads, and associated site utilities. Responsibilities: Performed grading and utility design (water, sewer, and stormwater), and handled submittals for permitting and plan approval.

d.

(1) TITLE AND LOCATION (City and State)
Potable Water and Wastewater System Assessments
Multiple Locations in Guam and Japan

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2019-2021	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Reports provided to the Navy to assess the condition, reliability, and capacity of the water and wastewater systems at multiple military bases in Guam and Japan. Site visits, data collection, tests and hydraulic modeling were performed to identify deficiencies in the systems and to recommend improvements. Responsibilities: Performed field work associated with the projects, conducted hydraulic analyses using SewerGEMs and WaterGEMs, and provided proposed recommendations to deficiencies.

e.

(1) TITLE AND LOCATION (City and State)
Kokokahi Drainage Study
Kaneohe, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2019-2021	2025

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Evaluated existing drainage conditions at the Kokokahi residential subdivision and provided design services to address stormwater runoff issues. Responsibilities: Performed hydrologic and hydraulic analyses, and recommended drainage improvements.

f.

(1) TITLE AND LOCATION (City and State)
Mokulani at Kapolei Development
Kapolei, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2017-2020	2020

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Role: Civil Engineer. Site development for a commercial property across from Wet 'n' Wild. Scope of work included grading, road, utility, and drainage design. Responsibilities: Performed hydrologic and hydraulic analyses, designed a detention basin, and handled plan submittals and revisions.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Chrystal Madigan	**Design Engineer**	a. TOTAL: 1	b. WITH CURRENT FIRM: 1

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS Mathematics / California State University / 2009 AS Biology / Riverside Community College / 2005 AA Studio Art (Ceramics) / Riverside Community College / 2005	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
ASHRAE Full Member (Currently), ASHRAE Southern California Chapter, Attendance and Reception Chair 2013-2015, YEA Co-Chair 2014-2015

OSHA 30 Construction Certification (December 2024)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
DHHL Solar Charging Stations HI (statewide)	PROFESSIONAL SERVICES: Ongoing	CONSTRUCTION (If applicable):

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

Survey statewide proposed sites for Solar Charging Stations. Work in conjunction with DHHL Project Manager, consultant, and end users to identify and develop the project goals. Design construction documents under the supervision of a licensed Civil Engineer.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
OGG ARFF Truck Shelter Kahului, HI	PROFESSIONAL SERVICES: 2024	CONSTRUCTION (If applicable):

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

Project Description: Installation of two truck shelters capable of housing two standby ARFF trucks each. Role: Project Engineer. Coordinated with Civil PE, Client (DOTA) and End User (ARFF Chief and CPT) for scope of design. Designed truck shelter location and sizing. Created drawings to be included in submittals to Client. Coordinated with manufacturer for product information and requirements. Amended specs and submittals as needed. Attended pre-bid meeting, and coordinated with Client and prospective contractors. Submitted meeting notes and addendums as required. Assisted in bid tabulation.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Atelier Los Angeles, CA	PROFESSIONAL SERVICES: 2015	CONSTRUCTION (If applicable):

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

Description: Design-build 34-story tower consisting of 363 residential units and 10,000 square feet of ground-floor retail. Single tower over podium project. Role: Subcontracted to design by Contractor. Worked closely with Contractor to implement his design into a mechanical plan set. Specialized elements utilized were in-slab ducting, and exhaust through shafts penetrating tower levels, to discharge through roof. Central plant with fan coil unit sizes derived from load calculations. Central plant and chilled water piping sized and parking garage ventilation designed under guidance of PE.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Circa LA Los Angeles, CA	PROFESSIONAL SERVICES: 2014	CONSTRUCTION (If applicable):

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

Description: Mixed use, four-story Type V podium apartment building consisting of 224 total residences over approximately 37,000 square feet retail/live work, ancillary uses, approximately 50 retail parking stalls on the ground floor with 38 additional stalls in a mezzanine parking deck, over two levels of subterranean parking structure for residential and retail parking. Leasing center, recreation, and fitness facilities consisting of approximately 6,000 square feet. Role: Lead HVAC Mechanical Designer. Scope included condenser water system design, pipe riser layout and sizing, garage ventilation, and residential design and layout, utilizing energy analysis software (EnergyPro) for load calculations.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Vicki Spradlin	**Civil Engineer**	a. TOTAL 18	b. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Bachelor of Science, 1994, Mechanical Engineering Technology (ABET-accredited), The University of Houston, College of Engineering-Technology; Minor in Industrial Supervision	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
30-Hour OSHA Certification

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Construction Management Services for Phase 1 of the OST ACM & Air Conditioning Modifications at the Daniel K. Inouye International Airport, Honolulu, Hawai'i

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Overall construction management services and on-site DOTA representative for pre-construction, construction, and post-construction phases. Initial project constructability review. Initial planning and coordination. Work with construction contractor, subconsultants and SMEs. Perform daily inspections, work observation, and reporting. Conduct meetings with owner. Confirm safety and quality assurances. Manage project budget and billings. Manage submittal responses, RFIs, field orders, change orders, work outages, issues, and disputes.

b.

(1) TITLE AND LOCATION (City and State)
Construction Management Services for Mangrove Removal and Eradication at Ke'ehi Lagoon, Daniel K. Inouye International Airport, Honolulu, Hawai'i

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2020-2021	2021

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. In response to FAA wildlife regulations on bird habitats, the project removed large mangrove patches on islands located in the HDOT Airport's Ke'ehi Lagoon. Position worked closely with DOTA personnel and construction contractor to provide comprehensive support services and overall construction management. Scope included daily transport by boat to jobsite for inspections and work observation. Provided detailed written field reports and digital photographs to document progress. Conducted meetings with stakeholders. Confirmed safety and work quality assurances. Coordinated homeless outreach with DOTA personnel. Managed submittals, proposals, change orders, invoices, etc.

c.

(1) TITLE AND LOCATION (City and State)
Free Electron Laser (FEL) Facility Development, The University of Hawai'i Physics and Astronomy Department, Honolulu, Hawai'i

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2004-2008	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Consultant/Designer. Facility development under a $50 million federal grant for defense-related research. Produced multitudes of complex machine designs and drawings (2D & solid models). Special project contributions included laser transport system design, radiation protection system planning, and cleanroom design-build. Vetted and selected specialty vendors across the U.S. to fabricate over 300 machined and micro-machined components. Prepared technical reports, coordinated high dollar purchases, established a procurement process to adhere to federal grant guidelines. Performed quality checks on received system components. Presented to key stakeholders including the U.S. Departments of Energy & Defense and DARPA.

d.

(1) TITLE AND LOCATION (City and State)
Lucent Technologies Telcom Infrastructure Installations, Nationwide for the AT&T Customer Business Unit (ACBU)
(Lucent Technologies is now Nokia)

(2) YEAR COMPLETED	
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
1996-2002	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Network Systems Engineer/Project Manager. Managed the life cycle of projects with durations varying from three months to two years, with value up to $4 million. Project scopes included complete installations for local exchange services, 5E switches, leased space arrangements, and capital improvements. Discipline areas included building network infrastructure, network equipment, power supplies and cabling, and transmission cabling. Also worked with sales, engineering, and installation teams to develop winning proposals, budgets, and schedules.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Catherine Hanna, EIT	**Civil/Coastal Engineer**	11	5

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
MS Civil and Environmental Engineering / 2012 BS Civil Engineering / 2011	Engineer in Training, New York, No. 088183

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certifications: OSHA 10-Hour Training #36-005323436 (2015), OSHA Asbestos Awareness Training #1360 (2021), AHA Heartsaver First Aid CPR & AED (2021), City and County of Honolulu ESCP Coordinator #5MFBA8KKM8FG96A_31323 (2024)
Awards: Charles Lee Crandall Award Winner (2010 & 2011), Margaret Arronet Corbin Award Winner (2011), Intel Foundation Research Grant Recipient (2011)

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Water Infiltration into Basement of International Arrivals Building
Honolulu, O'ahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Prepared book specifications for and provided detailing of improvements intended to stop water infiltration into the north and south portions of the Daniel K. Inouye International Airport basement. Researched specialty products and collaborated with manufacturers, distributors and local contractors to determine product suitability. Coordinated details with structural engineering consultant, SLSH.

b.

(1) TITLE AND LOCATION (City and State)
State Irrigation System Reservoir Safety Improvements
Waimea, Big Island, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Civil design and detailing of 40 linear feet of subgrade outlet pipe extension, new concrete intake box at the base, and new valve and valve stem system along the slope of Pu'ukapu Reservoir.

c.

(1) TITLE AND LOCATION (City and State)
Kidani Residence Seawall Repair 'Ewa Beach, O'ahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Engineer. Developed construction plans and details for the repair of approximately 50 linear feet of seawall and backyard drainage improvements at the property. Permitted project with regulatory agencies.

d.

(1) TITLE AND LOCATION (City and State)
USCG Base Los Angeles/Long Beach
San Pedro, Los Angeles, California

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2019	2019

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project Engineer. Provided coastal engineering design, environmental permitting and community outreach services for three (3) precast concrete floating docks, guide piles with lateral support, and a pile-supported platform to support the homeporting of new Fast Response Cutter vessels. Facilitated consultations with the USACE, LARWQCB, Port of LA, California Coastal Commission and numerous Native American tribal organizations.

e.

(1) TITLE AND LOCATION (City and State)
USCG Station Honolulu
Honolulu, O'ahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2019	2018

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project Engineer. Provided fendering and mooring infrastructure design to support the homeporting of new National Security Cutter vessels. Provided related construction administration, including reviewing submittals and responding to RFIs. Provided custom brow stanchion and gangway detailing. Performed as consultant to the prime design-build contractor, Haskell.

f.

(1) TITLE AND LOCATION (City and State)
Nyack Municipal Marina Dredging
Village of Nyack, Orangetown, New York

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2017	2017

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Project Manager. Developed dredging plans for the removal of 2,500 cubic yards of sediment over an approximate 55,500 square foot area, and coordinated environmental permitting with environmental consultant, AKRF. Acted as point-of-contact for scheduling work and surveys that could impact marina operations. Prepared cost estimates and progress reports for FEMA reimbursement. Provided construction administration, including reviewing contractor bids, responding to RFIs and submittals, site visits during construction followed by brief field reports, calculating final dredge volume for contractor payment and environmental permit closeout.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Berna Senelly	**Planner**	a. TOTAL 40	b. WITH CURRENT FIRM 3

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BA (English) University of Hawaii 1976	

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

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Kahana Bay Erosion Mitigation Project EIS
Kahana, O'ahu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

EIS and Permit Manager Project Coordinator. Services include team management, writing, research, federal, state and county agency consultation, community outreach, consultant report review, editing and processing in compliance with HRS 343 and HAR Title 11-200 and 11-200.1.

b.

(1) TITLE AND LOCATION (City and State)
Roadway Repairs on Route 450 Kamehameha V Highway
Moloka'i, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Permit and Community Outreach Coordinator. Manage land use and approval processes and community outreach program on Dept. of Transportation project to restore a portion of Route 450 Kamehameha V Highway that has been severely undermined and damaged and poses safety risks and commuting disruptions.

c.

(1) TITLE AND LOCATION (City and State)
North Kawaihae Small Boat Harbor Breakwater Repair
Big Island, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Environmental Assessment and Permit Manager. Prepared and processed an EA through Final EA / FONSI acceptance. Coordinate all agency consultation and permit processes, the primary agencies of which include the US Army Corps of Engineers, State Dept. of Land and Natural Resources Office of Conservation and Coastal Lands and State Historic Preservation District, and the Hawai'i County Planning Department.

d.

(1) TITLE AND LOCATION (City and State)
Waikiki Aquarium Water System Upgrade EA and Permits
Honolulu, Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

EA and Permit Manager. On EA, services include team management, writing, research, federal, state and county agency consultation, community outreach, consultant report review, editing and processing in compliance with HRS 343 and HAR Title 11-200.1. On permits, services include research, consultation and application preparation and processing.

e.

(1) TITLE AND LOCATION (City and State)
Menu of Coastal Hazard Adaptation Strategies Suitable for Hawai'i

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2022; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Project Manager. Development of an informational resource for the Hawai'i Coastal Zone Management Program outlining a menu of coastal hazard adaptation strategies that could be used in Hawai'i given our extensive regulatory framework. Deliverable included a multi-layered website that contained over 40 strategies, their regulatory framework, pros and cons, case studies and references.

f.

(1) TITLE AND LOCATION (City and State)
East Maui Water Source Feasibility Study Phase 3 Ka Pa'akai Analysis

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2024; CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Conducted Ka Pa'akai analysis for the exploration of potential water sources to meet drinking water needs identified in the Maui Island Plan. The feasibility study included surface and groundwater resources available in the Central Maui region, the Upcountry regions and the East Maui region, and spanned seven moku. Participants included lineal descendants, cultural practitioners, kūpuna, Aha Moku representatives. Consultation activities included small group in-person and virtual meeting.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Steve Enomoto	**Inspector / Assistant Project Engineer**	a. TOTAL 41	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
A.S. Carpentry, Honolulu Community College, 1981	General Building License, Hawaii, License BC-22763, 2000-2006

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

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State): HNL Biometric Facial Recognition System, Daniel K. Inouye International Airport, Oahu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023 to present; CONSTRUCTION (If applicable):

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

Senior Construction Inspector: Project involved the construction management and inspection of biometric facial recognition system intended for implementation at all international departure gates. Construction work entailed the development of a telecommunication network extending between the international departure gates to the DOT-A, U.S. Customs and Boarder (CBP), and various airline companies' computer servers.

b.

(1) TITLE AND LOCATION (City and State): HNL AOA Fence Replacement, Daniel K. Inouye International Airport, Oahu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2023 to present; CONSTRUCTION (If applicable):

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

Senior Construction Inspector, Airfield Radio Monitor: Project involved the architectural and general engineering consulting services for the design of the fence line replacement at Daniel K. Inouye International Airport. Prepare complete design, plans, specifications, drawings, cost estimates, schedules, studies, reports and other items. Perform airfield survey of existing fence line approximately 146,500 linear feet of Airport Operations Area (AOA).

c.

(1) TITLE AND LOCATION (City and State): Runway 8L Widening and Miscellaneous Improvements, Phase 2, Daniel K. Inouye International Airport, Oahu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2022-2023; CONSTRUCTION (If applicable):

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

Senior Lead Quality Assurance Inspector: Project involved rehabilitating/reconstructing approximately 8,500 lineal feet of Runway 8L-26R pavement, widening the runway from 150 feet to 200 feet, and modifying the existing edge lights and NAVAIDs.

d.

(1) TITLE AND LOCATION (City and State): Lanai Airport Reconstruct Runway 3-21, Lanai, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2022; CONSTRUCTION (If applicable):

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

Quality Assurance Inspector: Project involved cold milling and repaving RWY 3-21, addition of 25-foot shoulders on each side of runway and taxiway, construction of grouted riprap drainage swales, and rehabilitation of TWY A and the apron, including grooving the runway pavement and painting airfield markings in accordance with project specifications.

e.

(1) TITLE AND LOCATION (City and State): Army Hawaii Family Housing, Schofield Barracks and Āliamanu Military Reservation, Oahu, Hawaii

(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2017-2019; CONSTRUCTION (If applicable):

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

Quality Assurance Inspector overseeing multiple simultaneous projects of a $2.3 billion project covering demolition and new construction of Army housing, community centers and regional office at Fort Shafter, Shafter Flats, Schofield Barracks, Tripler Army Housing, Aliamanu Military Reservation and Helemano Military Reservation. Arranged for independent field testing and sampling of soils, environmentally hazardous materials, prior to demolition as well as arranging for concurrent field testing of soil and asphalt compaction. Provided verification of monthly progress payment requests and prepare monthly reports of assigned projects for CCR. Daily field observations of multiple projects, photographing and documenting any nonconforming work. Send out notices of site above and below ground utilities, amenities, landscaping and housing for turnover to Island Palm Communities housing.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Christopher Tugman	**Inspector / Assistant Project Engineer**	a. TOTAL: 5	b. WITH CURRENT FIRM: 4

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS Biomedical Engineering / 2020	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Certifications: HDOT Soil & Aggregate Certification
Publications: Clites TR, Arnold AS, Singh NM, Kline E, Chen H, Tugman C, Billadeau B, Biewener AA, Herr HM. Goats decrease hindlimb stiffness when walking over compliant surfaces. J Exp Biol. 2019 May 23;222(Pt 10):jeb198325. doi: 10.1242/jeb.198325. PMID: 31085599; PMCID: PMC6550006.

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
DOTA General Engineering Services IDIQ Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Assisted with administrative responsibilities for a State of Hawai'i Department of Transportation (HDOT), Airports Division (DOTA) contract. Facilitated site visits, coordinated communications with relevant stakeholders. Provided project engineering support through preparation of technical documents and gathering of specifications and project requirements from clients. Liaised with various regulatory agencies in support of local and environmental permitting.

b.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
Removal of Abandoned Boats at Ke'ehi Lagoon Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Assisted with developing book specifications, coordinating with stakeholders and project permitting.

c.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
HNL ARFF Station No. 2 Renovations Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Assisted with the development of book specifications and liaised with the client to translate their needs into the project requirements. Gathered quotes and performed administrative responsibilities.

d.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
HNL Refurbishment of Emergency Generators B & G Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Assisted with the support of a large-scale planned power outage with multiple stakeholders. Coordinated with management, security, electrical and other departments during the outage testing and subsequent system analyses.

e.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
HNL Continental Building Renovations Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Assisted with administrative tasks, worked with HDOT's Environmental Branch to ensure project compliance.

f.

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED: PROFESSIONAL SERVICES	(2) YEAR COMPLETED: CONSTRUCTION (If applicable)
JRF Re-Roof of Air Traffic Control Tower Honolulu, Hawai'i	Ongoing	

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

Program Support Assistant. Coordinated site visits, performed administrative responsibilities for the investigation and design for the re-roofing of an active airfield tower.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Bryson Gonzalez	**Permits and Research Coordinator**	a. TOTAL 2	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
BS - Marine Biology - University of Hawaii at Manoa (2023)	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Weaver, R. J., Gonzalez, B. K., Santos, S. R., & Havird, J. C. (2020). Red Coloration in an Anchialine Shrimp: Carotenoids, Genetic Variation, and Candidate Genes. The Biological bulletin, 238(2), 119–130. https://doi.org/10.1086/708625

19. RELEVANT PROJECTS

a.
(1) TITLE AND LOCATION (City and State): REEFrame
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
I participated aid in gathering information for various permits like ESA, and EFH. Additionally, I looked into various rulings pertaining to the protection of Halimeda algae. I also helped identify various fish and coral species on CREM modules. Lastly, when I have free time, i look for papers and publications on how to increase recruitment and biodiversity of the proposed structure.

b.
(1) TITLE AND LOCATION (City and State): Ha'ena Water Tank, Kaua'i
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
Assistant to Project Manager for the Kaua'i Department of Water proposal to build a new 0.2 MG Water Tank in Wainiha, Kaua'i. Services include assistance in facilitating and documenting the Ka Pa'akai analysis, research in flora and fauna, review and summary of archaeological study, review and analysis of Environmental Assessment, and other services pertinent to the preparation of permit applications. res of environmental documentation.

c.
(1) TITLE AND LOCATION (City and State): Lance II Fungi-based Remediation
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
Maintaining pure fungal cultures, sterilization and disposal of fungal cultures. SOP's pertaining to remediation studies. Oil remediation pilot study, GC analysis.

d.
(1) TITLE AND LOCATION (City and State): Lydgate Breakwater Repair
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
Preparation of field plan for benthic study, conducted in-water benthic survey, and prepared report of findings. In addition, assistance in environmental documentation and permit applications for federal, state, and county approvals.

e.
(1) TITLE AND LOCATION (City and State): Halekulani Sea Wall
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2024; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
Conducted Benthic survey for region surrounding the southern sea wall. Swam along the sea wall photographing and identifying coral, algae and invertebrate species.

f.
(1) TITLE AND LOCATION (City and State): East Maui Water Source Feasibility Study Phase 3 Ka Pa'akai Analysis
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: 2024; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
Assisted in Ka Pa'akai community outreach meetings and analysis for the exploration of potential water sources to meet drinking water needs identified in the Maui Island Plan. Participants included lineal descendants, cultural practitioners, kūpuna, Aha Moku representatives. Consultation activities included small group in-person and virtual meeting.

g.
(1) TITLE AND LOCATION (City and State): Waikiki Aquarium Water System Upgrade EA and Permits Honolulu, Hawai'i
(2) YEAR COMPLETED — PROFESSIONAL SERVICES: Ongoing; CONSTRUCTION (If applicable):
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE — ☐ Check if project performed with current firm
EA and Permit Applications. On EA, services include research, federal, state and county agency consultation, editing and processing in compliance with HRS 343. On permits, services include research, consultation and application preparation and processing for federal and state permits.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Amber Park	**Landscape Architect / Drafter**	a. TOTAL: 17	b. WITH CURRENT FIRM: 4

15. FIRM NAME AND LOCATION (City and State)
Oceanit Laboratories, Inc, Honolulu, Hawai'i

16. EDUCATION (Degree and Specialization)	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
Landscape Architecture / 2008 Minor in Communications	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)
Proficient in AutoCAD applications; Civil 3D, Carlson CAD, Microstation and MS Office applications (Word, Excel, Powerpoint, Outlook), Adobe Photoshop and SketchUp

19. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Water Infiltration into Basement of International Arrivals Building
Honolulu, Oahu, Hawai'i

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2022 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Civil Designer. Prepared construction plans for basement repairs intended to stop water infiltration into the north and south portions of the Daniel K. Inouye International Airport basement. Coordinated work with project team and subconsultants.

b.

(1) TITLE AND LOCATION (City and State)
Halekulani Hotel Seawall Repairs
Honolulu, Oahu, Hawai'i

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2021 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☑ Check if project performed with current firm

Civil / Landscape Designer. Prepared conceptual and short-term repair construction plans and renderings for several coastal erosion repair concepts. Identified existing conflicts and developed concepts.

c.

(1) TITLE AND LOCATION (City and State)
Various Commercial Projects – Pickering Associates
West Virginia

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2013 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Landscape Architect. Prepared construction documents for commercial projects in the Civil Engineering department using Civil3D Cad software. Drawings included site plans, geometric layout plans, grading plans, utility plans, sediment and erosion control plans and sections and details. Coordinated with local planning departments and utility companies.

d.

(1) TITLE AND LOCATION (City and State)
Triple H Enterprises
West Virginia

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2013 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil / Landscape Designer. Prepared conceptual site layout design drawings for construction feasibility and general layout.

e.

(1) TITLE AND LOCATION (City and State)
Various Commercial/Industrial Projects – Dieffenbauch & Hritz Engineers
West Virginia

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: 2013 | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Civil / Landscape Designer. Prepared construction documents for commercial/industrial projects in the Civil Engineering department using Microstation software. Drawings included site plans, grading plans, utility plans, and sediment and erosion control plans and sections and details.

f.

(1) TITLE AND LOCATION (City and State)
Town Creek Landscape and Construction Company
West Virginia

(2) YEAR COMPLETED: PROFESSIONAL SERVICES: | CONSTRUCTION (If applicable):

(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE

☐ Check if project performed with current firm

Landscape Designer. Duties included site surveys, landscape design, and meeting with clients. Assisted in advertising and marketing for company. Created Adobe Photoshop plan Renderings and 3D Modeling in SketchUp.

Key Personnel Resumes

Subconsultants

Clayton M. Kaneshiro
Land Surveyor

Clayton M. Kaneshiro is the Land Surveyor, with management and administrative responsibilities for the firm's field surveying services. In this capacity, he is responsible for the accuracy, completeness, and quality of the work product; for adherence to the work schedule; and for completing the work within budget.

Experience

Clayton has over 30 years of surveying experience, including engineering, topographic, hydrographic, boundary, control, and construction surveys. This experience includes planning and coordination of field surveys, performing field surveys, reducing and compiling field data, preparing calculations, subdivision mapping/processing, and preparing submittal to clients.

Some of the projects Clayton have worked on are:

Ane Keohokaloe Highway EA and Preliminary Engineering Report, Hawaii Island
Hawaiian Electric Waiau Power Plant Shoreline Survey, Oahu
HART Rail Parcel Easement Mapping, Kakaako, Oahu

Education

Honolulu Community College, A.S. Liberal Arts, 1995

Licensing

Licensed Land Surveyor – 12972, 2008, Hawaii
Land Court Surveyor – 309, 2009, Hawaii

Professional Affiliations

Hawai‘i Land Surveyors Association
National Society of Professional Surveyors

Kevin A. Rapoza
Party Chief – Land Surveyor

Kevin A. Rapoza is a Party Chief/Land Surveyor for Park Engineering. Kevin is responsible for all research, calculations and quality of surveys. As Party Chief in the field, Kevin is responsible for the direction and performance of his survey crew.

Experience

Kevin has 41 years of surveying experience which provides him the knowledge and capability to direct and perform ALTA, topographic, construction, boundary, and G.P.S. surveys. Kevin has worked on numerous construction projects. Some of the projects he has worked on are:

- Koa Ridge
- Ewa by Gentry
- Ocean Pointe
- Royal Kunia Subdivision
- Kalihi Valley Reconstructed Sewer
- Farrington Highway Median Landscaping

Education

High School Diploma, 1979
U.S. Army Construction Survey Degree, 1980

Licensing

Licensed Land Surveyor – 11919, 2006, Hawaii

Professional Affiliations

Hawaii Land Surveyors Association
National Society of Professional Surveyors

Kealohi G. Sandefur, P.E.

Principal

EDUCATION

M.S., Civil/Geotechnical Engineering, University of Hawaii at Manoa, 2003

B.S., Civil Engineering, University of Hawaii at Manoa, 2000

REGISTRATION

Professional Civil Engineer (Hawaii License No. PE-12362)

TECHNICAL TRAINING

HDOT Training, METRIC #18 Scour Training for Bridge Designers

HDOT Training, Bridge Foundations: Drilled Shafts, Driven Piles, & GRS-IBS Training

ASCE Geotechnical Earthquake Engineering and Soil Dynamics Conference; Austin, TX

PROFESSIONAL HISTORY

Yogi Kwong Engineers, LLC
2005 – Present

URS Corporation
2003 – 2005

Mr. Sandefur has over 20 years of geotechnical engineering experience and has conducted geotechnical investigation for a wide variety of projects including mass grading, buildings foundations, and ground stabilizations.

REPRESENTATIVE PROJECT EXPERIENCE

Alenaio Flood Control Project, Hilo, Hawaii Island, Hawaii. Project Manager. Constructed in the mid-1990's, the Alenaio Flood Control Project consists of a series of CRM floodwalls, CIP concrete floodwalls, rectangular concrete channels, bridge replacements, an earthen levee, and other appurtenant structures which provide flood protection along the lower Alenaio Stream Flood Plain. Conducted geotechnical investigation and evaluation of existing concrete channel floodwall and earthen levee in support of NFIP levee certification, evaluated foundation bearing capacity and lateral earth pressures of existing floodwall, and performed site specific seismic hazard, liquefaction, settlement, slope stability and time dependent seepage analysis of an existing earthen levee.

Kahaluu Flood Control Lagoon Dredging, Kaneohe, Oahu, Hawaii. Project Manager. Project involved the dredging of Kahaluu Lagoon for flood control including dewatering and stockpiling of the dredged material onto the adjacent land areas within the dredge basin. The project also included the excavation of a basin into the existing ground and placement of fill embankments to form a dredge containment basin for a dewatering site. Services included drilling and logging three exploratory borings and one bulk sample hole, shallow soil sampling at four hand probe locations that were inaccessible, and geotechnical laboratory testing. Provided geotechnical recommendations which included evaluations of potential excavation conditions, appropriate slope height and angle for the berm from a slope stability standpoint, and fill characteristics and compaction requirements.

Salt Lake Elementary School BMPs, Honolulu, Oahu, Hawaii. Geotechnical Engineer. Provided geotechnical evaluation services in support of structural BMP for upgrades to existing storm water collection system. Tasks included field reconnaissance, development of design considerations for bidding and construction of BMP upgrades.

Sea Cliff Erosion Evaluation, South Hilo, Hawaii Island, Hawaii. Project Geotechnical Engineer. Conducted site reconnaissance including rock slope joint mapping, bluff erosional features evaluation, and shoreline erosional rate analysis. Evaluated bluff erosion features and identified site specific causes of sea cliff shoreline erosion.

Grant I. Harrington, P.E.

Project Manager

EDUCATION

M.S., Geotechnical Engineering, University of Hawaii at Manoa, 2017

B.S., Civil Engineering, Utah State University, 2015

REGISTRATION

Professional Civil Engineer (Hawaii License No. PE-19292)

CERTIFICATIONS

30-Hour OSHA Construction

40-Hour Construction Safety Hazard Awareness Training

Cliff Technician

Confined Space Training

First Aid/CPR Training

USACE Safety & Health Training

PROFESSIONAL HISTORY

Yogi Kwong Engineers, LLC
2015 – Present

Mr. Harrington has a decade of geotechnical engineering experience. He has worked on and led geotechnical investigations on numerous projects which include shallow and deep foundations, ground and slope stabilization, trenchless utility installations, dam improvements and safety inspections, landslide and rockfall mitigation, bridge scour inspections, and design-build bridge improvements.

REPRESENTATIVE PROJECT EXPERIENCE

Kolokolo Place Channel Flood Control Improvements, Honolulu, Oahu, Hawaii. Senior Geotechnical Engineer. Project involved geotechnical exploration and evaluation to develop design lateral earth pressure and provide allowable foundation bearing capacity recommendations in support of the drainage channel improvements. Services included drilling three exploratory borings within close proximity behind the western wall panels and one boring behind the eastern wall panels along the impaired wall section of the existing drainage channel, and geotechnical laboratory tests. Performed site visits during construction pertaining to subgrade conditions encountered, foundation excavation, and subgrade preparation.

Infrastructure Improvements at Pier 1 Operational Area and Ala Luina Street, Kahului, Maui, Hawaii. Geotechnical Engineer. Improvements include new permanent lighting consisting of light poles 50 to 60 feet high, new lighted covered permanent structure, new lighted covered walkway from the Pier 1 shed, new lighted covered permanent structure along the metered parking lot area, new parking area pavement, and open trenching for new domestic water systems along the proposed alignment. Provided recommendations for the new light pole foundations; bearing capacities and estimated potential settlements; seismic site class evaluation; open excavation support requirements, and estimated potential settlements along the waterline in the vicinity of the covered walkway.

Erosion Control Improvements at Various Locations II, FY20, Pearl City and Honolulu, Oahu, Hawaii. Senior Geotechnical Engineer. Project involved providing engineering design, construction plans, and cost estimates for erosion control and mitigation of potential rockfall along a slope on Moanalua Road near Pearlridge Elementary School, and for erosion control along a slope on Auwaiolimu Street. Services included providing engineering consultation support to the City and among subconsultants; developing design concepts for appropriate erosion control and slope protection from potential rockfalls; providing estimates of probable construction cost options; preparing erosion control, rockfall mitigation, civil, traffic control, and other related construction plans; assisting the City in public meetings; and periodic site visits and post-design support services during construction.

COFFMAN ENGINEERS

COLIN KODAMA, PE, SE

Senior Discipline Manager, Structural Engineering

Years of Experience: 12

Education

MS, Civil Engineering (Structural Emphasis), Santa Clara University, 2012

BS, Civil Engineering, Santa Clara University, 2011

Professional Licenses

HI, Structural, #19241-S

Professional Organizations

Structural Engineers Association of Hawaii (SEAOH)

American Council of Engineering Companies of Hawaii (ACECH)

PROFESSIONAL EXPERIENCE

Colin's background includes structural engineering design and analysis, project management, construction administration, and structural special inspections. His 12 years of professional experience has included designs for commercial buildings, educational and institutional facilities. Work has encompassed tenant improvements and renovations, civil infrastructure, and inspection and repair of bridges for private sector clients and various city, state, and federal agencies. Colin has successfully designed and managed a variety of projects from conceptual design through completion of construction.

PROJECT EXPERIENCE

Wharf Structural Assessment and Load Rating Analysis for Bravo B15-B19, Sierra S20-S21, and Victor Wharves | Pearl Harbor, HI

Structural engineering services, which included above and below deck visual inspections of existing wharves for NAVFAC Hawaii to provide structural assessment of existing wharf conditions. In addition to the structural condition assessment, load maps and reports were provided to NAVFAC Hawaii which included allowable point load maps, uniform load maps, vehicular load maps, crane dunnage load maps, and recommended travel plans for various NAVFAC vehicles including trucks, trailers, forklifts, and cranes. In order to provide the load maps, a load rating analysis of the wharf structures included the superstructure and existing pile foundation.

DOT Umauma Stream Bridge-Trestles | North Hilo, HI

Structural engineer for investigation including an on-site condition assessment and structural analysis of the two approximately 100 ft tall steel trestles. Project challenges included the original construction in 1911 so the bridge was subject to historical requirements by SHPD and wind analysis of a built-up trestle tower. Planning and coordination with the General Contractor helped us to gain required access of the trestles within arms length to complete site work within two days. This minimized any disruptions to current construction operations for the replacement of the bridge superstructure and temporary bypass bridge.

DOT-A DO18 Breezeway Spall Repair | Honolulu, HI

Structural engineer for general engineering support services for Oahu Airports facilities. The scope of work consists of removing and repairing damaged/deteriorated concrete spalling for Terminal 2 roadway for the Wiki Wiki Shuttle, expansion of passenger sidewalks, and improvements to lighting and electrical systems at the Diamond Head Concourse.

ADDITIONAL RELEVANT EXPERIENCE

- Bridge Inspections and Load Rating for Hawaii DOT | Oahu, Maui, and Kauai Districts
- DOT-HWYS Umauma Stream Bridge Trestles Structural Analysis and Assessment
- Building 315 Modernization and Safety Improvements, Pearl Harbor Naval Shipyard and IMF | JBPHH, Honolulu, HI
- Multiple Hawaii State DOE Building Projects

COFFMAN ENGINEERS

PHIL BOULTINGHOUSE, PE, SE, LEED AP

Senior Structural Engineer

Years of Experience: 34

Education

BS, Architectural Engineering, California Polytechnic State University

Professional Licenses

HI, Structural, #14693

LEED AP

Professional Organizations

American Institute of Steel Construction (AISC)

Structural Engineers Association of Hawaii (SEAOH)

PROFESSIONAL EXPERIENCE

Phil Boultinghouse's background covers a broad range of building and site related structural projects for both public and private clients. He has extensive experience with structural design of wood, masonry, concrete and steel framed structures for commercial, residential, educational and institutional projects. He has also completed numerous seismic evaluation reports and enjoys the challenge of seismic strengthening design of existing buildings. Phil is a LEED accredited professional and has a passion for working on projects with sustainable goals. He is also an experienced project manager and works on projects from conceptual design through construction administration.

PROJECT EXPERIENCE

Pier 30 Framing Evaluation | Honolulu, HI

Structural engineer for work at Pier 30 which includes site reconnaissance and structural rehabilitation design. Site reconnaissance was conducted above water and underwater by observing the conditions of the existing reinforced concrete slab, beams, girders, piles, and bulkhead. Using the data from the site reconnaissance, Coffman provided a structural rehabilitation design of Pier 30 in the form of concrete rehabilitation specifications and construction drawings that included a general notes sheet, deck framing plan, repair details and a repair table listing concrete cracks and spalls.

Kewalo Basin Harbor Improvements | Honolulu, HI

Project manager and structural engineer for a multidiscipline project involving repairs and renovations of the existing boat harbor. Scope of work included replacement of the plumbing, electrical and superstructure for Pier A, B, C, D, Loading Dock and half of the Front Row. Work also includes fuel tanks, new piles for Pier C finger piers, new water and electrical service for Fisherman's Wharf, security gates, WiFi, CCTV and repairs to the bulkhead wall, Herringbone Pier, half of the Front Row Piers, and one of the finger piers at Pier D.

DOT-Airports Kalaeloa T-Hangar Phase II | Kapolei, HI

Structural engineer for a new 14,000 sf 12 bay T-hangar at Kalaeloa Airport. Structural services included the foundation design for the pre-engineered building.

Department of Health Kamauleule Building Laboratory Renovation | Pearl City, HI

Structural engineer for an evaluation of current conditions and design of systems to convert a 2,000 sf storage space into additional laboratory space with suitable air flow to make the renovated space usable as a molecular biology laboratory and BSL-2 laboratory.

ADDITIONAL RELEVANT EXPERIENCE

- DOT-Airports Maintenance and Repair IDIQ | Statewide, HI
- DOT-Highways Special Maintenance Projects | Statewide, HI

Okahara and Associates, Inc.

ENGINEERS AND LANDSCAPE ARCHITECTS

Tyson T. Toyama, P.E.

Executive Vice President
Senior Mechanical Engineer

EXPERIENCE:

Company:	Okahara and Associates, Inc.
Date:	2000 - Present
Duties:	Design of commercial / industrial mechanical engineering projects including air conditioning, ventilation, heating, plumbing, pumps and water supply systems.
(1996-2000)	Boyle Engineering Corporation, Newport Beach, California
(1995-1996)	International Technology Corporation, Irvine, California
(1995)	Cedric D.O. Chong & Associates, Inc., Honolulu, Hawaii

EDUCATION: University of California at Los Angeles 1995
B.S. Cum Laude, Mechanical Engineering

PROFESSIONAL REGISTRATION:

State of Hawaii, Mechanical Engineer, License No. 10226
State of California, Mechanical Engineer, License No. M-31193

SELECTED PROJECT EXPERIENCE:

- **General Growth Properties, Prince Kuhio Plaza, Sewage Lift Station Replacement (Parts 1, 2 and 3):** Mechanical Engineer of record for this project to replace submersible "well" style pumps with self priming pumps. The goal of the project was to make the pump stations more user friendly to PKP staff such that all of the moving parts were located above grade.
- **City and County of Honolulu, Department of Design and Construction, Kahanahou Wastewater Pump Station Upgrade, Kaneohe, Oahu, Hawaii:** Project Manager and Lead Mechanical Engineer for this project to correct hydraulic, building and system deficiencies for an existing wastewater pump station. Scope of work included installing two dry pit submersible sewage pumps (0.90 mgd capacity), replacing all of the aboveground piping and valves, SCADA system, standby emergency engine generator (in a new generator building), diesel fuel system (aboveground fuel storage tank, day tank and fuel monitoring system), ventilation system, and temporary pumping system. Deliverables included a Design Alternatives Report (Planning Study), Bid Plans and Specifications, O&M Manual, and SPCC Plan. Low bid construction cost was $4,078,515.
- **City and County of Honolulu, Department of Design and Construction, Waikalua Wastewater Pump Station Upgrade, Kaneohe, Oahu, Hawaii:** Project Manager and Lead Mechanical Engineer for this project to correct hydraulic, building and system deficiencies for an existing wastewater pump station. Scope of work included installing two dry pit submersible sewage pumps (1.10 mgd capacity), replacing all of the aboveground piping and valves, SCADA system, standby emergency engine generator, diesel fuel system (day tank and fuel monitoring system), ventilation system, and temporary pumping system. Deliverables included Design Alternatives Report (Planning Study), Bid Plans and Specifications, O&M Manual, and SPCC Plan. Low bid construction cost was $2,826,716.
- **City and County of Honolulu, Department of Design and Construction, Enchanted Lake Wastewater Pump Station Upgrade, Kailua, Oahu, Hawaii:** Project Manager and Lead Mechanical Engineer for this project to correct hydraulic deficiencies and upgrade an existing wastewater pump station. Scope of work included installing two dry pit submersible sewage pumps (1.73 mgd capacity), replacing all of the aboveground piping and valves, SCADA system located in a new conditioned space, standby emergency engine generator, diesel fuel system (underground fuel storage tank, day tank, and fuel monitoring system), ventilation system, and temporary pumping system. Deliverables included Design Alternatives Report (Planning Study), Bid Plans and Specifications, and O&M Manual. Low bid construction cost was $2,303,508.

Kraig K. Otani & Associates, LLC
Electrical Engineering
99-860 Iwaena Street Ste. 202 |Aiea, Hawaii 96701 | (808) 250-7346

KRAIG K. OTANI, P.E.
Electrical Engineer/Owner

Background: Mr. Otani is the owner and an electrical engineer of the firm. He oversees all aspects of the firm which includes coordinating, planning, designing, and managing electrical projects. He has been involved on a wide variety of projects, including well pumping stations, booster pumping stations, wastewater pumping stations, Supervisory, Control, and Data Acquisition (SCADA) systems for water and wastewater systems, roadway lighting, parking lot lighting, interior power and lighting, sports lighting, traffic signal systems, correctional facilities, emergency and standby systems, educational facilities, residential, high-rise buildings, and multi-family dwelling projects.

Clients Include: Board of Water Supply, Department of Water Supply (Big Island, Kauai, Maui), DOT Highways, DOT Airports, C&C of Honolulu, Department of Hawaiian Homelands, Department of Agriculture, Army, Navy, Department of Education, University of Hawaii, and various private entities.

Education: B.S. in Electrical Engineering, University of Nevada, Las Vegas, 2005

Registration: Registered Professional Engineer, State of Hawaii
Electrical License No. 14288-E

Professional Affiliations: American Water Works Association, Hawaii Section
American Council of Engineering Companies of Hawaii
UNLV College of Engineering Alumni Chapter Board

Training: Electrical Safety NFPA 70E and Arc Flash Protection
OSHA 30-Hour
First Aid CPR AED

Work Experience:

2019 – Present
Electrical Engineer/Owner, KRAIG K. OTANI & ASSOCIATES, LLC
HONOLULU, HI

2007 – 2019
Senior Project Manager, RONALD N.S. HO & ASSOCIATES INC.
HONOLULU, HI

2006 – 2007
Electrical Engineer, BECHTEL SAIC
LAS VEGAS, NV

Kraig K. Otani & Associates, LLC
Electrical Engineering
99-860 Iwaena Street Ste. 202 |Aiea, Hawaii 96701 | (808) 250-7346

SEY ITO JR., P.E., RCDD
Electrical Engineer/Project Manager

Background: Mr. Ito is a project manager at the firm. His responsibilities include coordinating, managing, and designing electrical projects of varying sizes. Mr. Ito provides electrical engineering designs involving power, telecommunications, controls, and lighting systems for renovations to existing buildings, new commercial buildings, educational facilities, and wastewater treatment facilities. He is experienced in designs for primary and secondary site electrical distribution, standby generator systems, elevator systems, fire alarm systems, and exterior lighting for roadways, highways, parking areas, and recreational facilities.

Clients Include: Department of Education, University of Hawaii, City and County of Honolulu Department of Environmental Services, Department of Transportation – Airports, Highways and Harbors Divisions, NAVFAC HI, U.S. Army Corps of Engineers, U.S. Coast Guard, and various private entities.

Education: B.S. in Electrical Engineering, University of Hawaii, 2000

Registration: Registered Professional Engineer, State of Hawaii
Electrical License No. 12753-E
Registered Communications Distribution Designer, 2010

Professional Affiliations: American Council of Engineering Companies of Hawaii
Building Industry Consulting Service International

Training: Electrical Safety NFPA 70E and Arc Flash Protection
OSHA Standard 1910.146 Confined Space Entry
OSHA Standard 1910.147 Lock Out/Tag Out
First Aid CPR AED

Work Experience: *2021 – Present*
Electrical Engineer/Project Manager
KRAIG K. OTANI & ASSOCIATES, LLC
HONOLULU, HI

2001 – 2021
Electrical Engineer/Project Manager/Associate Principal
RONALD N.S. HO & ASSOCIATES INC.
HONOLULU, HI

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

11. NAME	13. TITLE SERVICE PROVIDED	13. YEARS EXPERIENCE	
		a. TOTAL	b. WITH CURRENT FIRM
Max Solmssen, MURP	**Compliance Consultant**	16	6

14. FIRM NAME AND LOCATION (City and State)

Kaimana Environmental Solutions LLC, Honolulu, Hawai'i

15. EDUCATION (DEGREE AND SPECIALIZATION)	16. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)
BA, English Literature, 2002 M.A. Urban and Regional Planning	Hawaii Association of Environmental Professionals (HAEP) member

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

HAZWOPER certified, 8-hour HAZWOPER Supervisor certified, OSHA 10-hour construction industry outreach training certified, Adult CPR/Standard First aid Certified, State of Hawaii Lead-based paint inspector, State of Hawaii Asbestos inspector

18. RELEVANT PROJECTS

a.

(1) TITLE AND LOCATION (City and State)
Honolulu International Airport Modernization Plan Environmental Support, Honolulu, Oahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Project manager providing environmental guidance for collecting multi-incremental samples from stockpiled soil, reporting laboratory analytical results and providing management of impacted soils (i.e.; disposal of pesticide and petroleum-impacted soils). Also provided management of surface water and sediment sampling that complies with the provisions of the U.S. Clean Water Act and other state regulations.

b.

(1) TITLE AND LOCATION (City and State)
Honolulu International Airport Modernization Plan Environmental Assessment for Mauka Concourse, Honolulu, Oahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Planner/Technical writer responsible for research, writing EA sections & coordinating with subcontractors for a NEPA & Chapter 343 compliant EA. The Modernization Program is a 12-year, comprehensive program to improve and upgrade the airport to accommodate larger aircraft and newer maintenance and airline operations facilities. Tasks included conducting research, analyses and field reconnaissance and assisting in document preparation.

c.

(1) TITLE AND LOCATION (City and State)
Red Hill bulk fuel storage facility long-term groundwater, fuel product and soil gas monitoring, Halawa, Oahu, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Served as a project manager tasked with providing equipment, labor and material required to conduct quarterly groundwater sampling at five wells located within the storage facility. Collected monthly soil vapor samples and conducted monthly fuel product monitoring.

d.

(1) TITLE AND LOCATION (City and State)
Storm Water Pollution Control Program (SWPCP)
Honokaa, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Environmental Scientist responsible for field inspection and report writing for HDOT Highways, Honokaa Baseyard.

e.

(1) TITLE AND LOCATION (City and State)
Lead based paint, asbestos and PCB inspections (JBPHH)
Pearl Harbor, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Field manager responsible for developing and executing sampling plans, field work and reporting and various regulated environmental media in support of operations at a key facility at JBPHH.

f.

(1) TITLE AND LOCATION (City and State)
Underground Storage Tank (UST) closure for NAVFAC
Pearl Harbor, Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Field manager for the removal and closure of a buried UST found during construction at JBPHH. Completed confirmation soil and rinstate water testing in accordance with the State of Hawaii DOH UST closure regulations.

g.

(1) TITLE AND LOCATION (City and State)
Various Phase 1 and 2 Environmental Site Assessments (ESA)
Hawai'i

(2) YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)

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

Managed field teams and technical writers for Phase 1 ESAs and follow- up Phase 2 investigations for golf courses, former agriculture lands and dry cleaner sites on Oahu, Maui and Hawai'i island.

DENNIS GOSSER, M.A.

Senior Archaeologist

Project Role:	**Principal Investigator**		
Education:	1994/M.A./Anthropology/Brigham Young University 1991/B.A./Anthropology/San Francisco State University	**Years Experience:**	34
Specializations:	Ceramic analysis; statistical methods; spatial analysis and GIS applications		
Qualifications Highlights:	• 34 years experience in contract archaeology in Hawaii & Pacific Region		

Relevant Project Experience

Historic Preservation Plan for the North Side of the Shoreline Park at Hōkūli'a, South Kona District, Island of Hawai'i.	Co-Principal Investigator for archaeological monitoring and development of Historic Preservation Plan for the Shoreline Park project at Hokulia Resort, Kealakekua, Hawaii. Prepared Archaeological Monitoring Plans and reports, and coordinated field efforts associated with the Preservation Plan.
Archaeological Monitoring, Inventory Survey and Testing of the Proposed Mamalahoa Highway Bypass Napoopoo Road Interchange.	Principal Investigator for intensive archaeological survey and testing in support of road improvements in Kaawaloa Ahupuaa. Directed archaeological survey and controlled testing. Principal author of AIS report.
Archaeological Condition Assessments of the UH Management Areas on Mauna Kea, Hawaii Island	Principal Investigator for annual archaeological condition assessments of historic properties within the Mauna Kea Science Reserve. Tasks included: site verification, recordation of site integrity and condition, mapping, photograph documentation, and report preparation.
Archaeological Inspections and Monitoring at Waikoloa Manuever Area, Hawaii Island	For the Army Corps of Engineers, served as Principal Investigator for field investigations to accurately locate previously recorded sites within the `Ōuli and Puakō study areas of the WMA using GPS technology. Responsible for archaeological monitoring during geophysical mapping conducted as part of the EE/CA studies.
Archaeological Inventory Survey at Naval Magazine Lualualei, Oahu	Principal Investigator for a reconnaissance-level archaeological inventory survey of 6,300 acres of archaeologically rich forest lands within an active Naval Magazine. Provided 100% survey coverage using transects ranging from 10m to 30m, using predictive modeling to determine appropriate spacing. Subsurface testing was conducted together with field quantification and laboratory analyses of recovered materials. A total of 407 archaeological sites were recorded.
Archaeological Inventory and Testing at Nioiula Heiau, Naval Magazine Lualualei, Oahu	Principal Investigator for archaeological intensive survey and testing for the Nioiula Heiau Protection Project, Naval Magazine Lualualei. Tasks included: site recording, controlled testing, and co-authoring AIS report.
Burial Recoveries, Mauna Lahilahi Cultural Park, Oahu	Principal Investigator for the identification and emergency recovery of human skeletal remains uncovered by construction activities. Excavated and screened 624 m2 of beach dunes resulting in the identification and recovery of 466 human bones and bone fragments.

NICOLE VERNON, M.A.

Senior Archaeologist – PCSI Honolulu

Project Role:	**Project Director**		
Education:	2007/M.A./Anthropology/University of Florida 2001/B.A./Latin American Studies/University of Illinois	**Years Experience:**	22
Specializations:	Photogrammetry and spectral analysis		
Qualifications Highlights:	22 years experience directing archaeological studies in Guam and Hawaii, including identification of human skeletal remains		

Relevant Project Experience

A Native Hawaiian Traditional Cultural Places Study for Joint Base Pearl Harbor-Hickam, Oʻahu, Hawaiʻi	Served as Project Supervisor for this Native Hawaiian TCP study. Her responsibilities include development of a work plan; archival research; collecting and managing GIS datasets; co-preparing a Traditional Cultural Places report; and preparation of GIS-based maps.
Archaeological Monitoring In Support of H-3 Freeway Miscellaneous Best Management Practices, Kailua Ahupuaʻa, Koʻolaupoko District, Oʻahu Island, State of Hawaiʻi.	Served as Principal Investigator during archaeological monitoring for this project. Her responsibilities include overall project coordination; archival research; preparation of an archaeological monitoring report; preparation of GIS-based maps; and quality control/quality assurance.
Draft Archaeological Inventory Survey in Support of the Waipilopilo Stream Bridge Replacement Project Hauʻula Ahupuaʻa, Koʻolauloa District, Island of Oʻahu, State of Hawaiʻi.	Served as Principal Investigator during archaeological inventory survey for this project. Her responsibilities included overall project coordination; archival research; managing GIS datasets; preparation of an archaeological Inventory survey report; preparation of GIS-based maps; and quality control/quality assurance.
Archaeological Monitoring in Support of Rockslide Potential Inspection and Mitigative Improvements Along Prospect Street, Pauoa Ahupuaʻa, Kona District, Island of Oʻahu, State of Hawaiʻi.	Served as Principal Investigator during rockfall mitigation work for this archaeological monitoring project. Her responsibilities included overall project coordination; archaeological monitoring; collecting and managing GIS datasets; preparation of an archaeological monitoring report; preparation of GIS-based maps; and quality control/quality assurance.
Osteological Analysis of Human Skeletal Remains Recovered at the Former Toyko Hotel, Tumon, Guam	Served as Project Director for osteological analysis of human skeletal remains recovered at Tumon Bay beach lots. Responsible for archival research; assisting osteologist in documenting human skeletal remains; data management; and co-authoring the final osteological analysis report. [2012]
Background Research and Historical Documentation for El Camino Real, Guam	Principal Investigator for historical documentation project on behalf of Guam Historic Resources Division. Responsibilities included preparation of a budget and research design; conducting archival research of primary source accounts of the trail and its native vegetation; eliciting cultural and traditional information from land owners; historic map interpretation and geo-rectification; creation of a GIS database; GIS-based analysis of a DEM, archaeological sites locations, results of archaeological surveys, geologic and vegetation data; and preparation of final report. [2011]

Example Projects of

Community Planning

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)

Ala Wai Canal Flood Risk Management Project
Honolulu, Hawai'i

22. YEAR COMPLETED

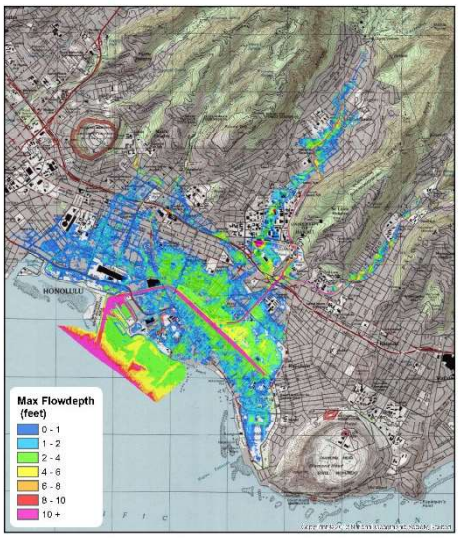
PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2020	

23. PROJECT OWNER'S INFORMATION

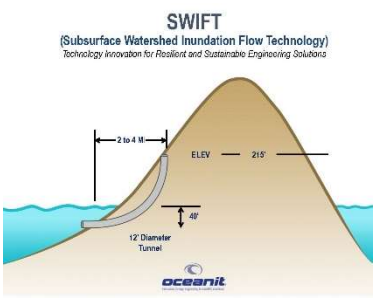
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City and County of Honolulu Permitted Interaction Group	Councilwoman Carol Fukunaga	(808) 768-5010

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

The feasibility phase for this project was initiated in July 2002. Following the 2004 Manoa flood, the project was amended to include the upstream portions of the Ala Wai Watershed (Manoa, Makiki, Palolo). The project restarted in 2007, incorporating the information developed in the Manoa Watershed Project. In 2012, ecosystem restoration was eliminated as a study objective and the project was renamed the Ala Wai Canal Flood Risk Management. A report by the USACE was signed in December 2017 and a Record of Decision for the EIS was reached in September 2018, concluding the feasibility phase for the project. After the release of the 2017 FEIS, there was widespread community opposition that was very consistent with the concerns raised in 2004. While this plan might prevent large-scale flood damage, community members felt it was deeply flawed, and would cause more damage to the ecosystem and to property than it was worth. In answer to very vocal community response, the Honolulu City Council formed the Ala Wai Permitted Interaction Group (PIG), which hired Oceanit to help with community outreach and ensure that the project's full flood control was fully utilized.



Ala Wai Watershed 100-Year Floodplain (Without Project Condition)



Oceanit developed the SWIFT (Subsurface Watershed Inundation Flow Technology) design concept that would utilize tunnels to remove water from the upper watersheds directly to the ocean and hence mitigate the flooding levels at lower watershed. Hydraulic modeling was performed to evaluate and optimize the design. ArcGIS tool was used to generate flood maps from various storm events under different design options.

Oceanit held numerous community meetings involving residents, private businessowners, non-profit leaders, and government officials to collect feedback and input from those who would be affected most directly. A physical 3D model of the watershed was created to better engage the community and communicate options and solutions. Flood inundation animations and flood maps could be projected onto the 3D model to demonstrate the effects of stormwater at varying storm frequencies. A modified visualization tool was also created to allow for 2D presentation via zoom web meeting.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit	Honolulu, Hawai'i	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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Mauna Lahilahi Beach Park Erosion Control **Wai'anae, Hawai'i**	2019	2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
City and County of Honolulu, Department of Design and Construction	Curtis Kushimaejo	(808) 768-8455

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

Scope: Oceanit prepared plans, specifications, cost estimates, an Environmental Assessment, and permits for a shoreline erosion control design to protect the park lands and preserve the sand beach makai of the Mākaha Surfside Apartments on the leeward side of O'ahu. Located just landward of the eroding shoreline, the apartment complex was damaged by hurricanes and by seasonal high waves several times in the past. The project consisted of a temporary sandbag revetment to protect inland areas, a breakwater to reduce wave energy, and beach restoration. The breakwater is a rubble structure extending about 250 feet parallel to the eroding shoreline. The beach was built with 10,000 cubic yards of sand from an inland quarry.

In Phase II, Oceanit designed, prepared specifications and environmental permits, and oversaw construction to replace the temporary sand bag revetment with a 330-ft permanent rock revetment along the inner shoreline of the pocket beach. The revetment consisted of two layers of underlayer stones, totaling 500cy, and two layers of basalt armor stones totaling 2,035 cy. Construction of the revetment was completed in 2021.

Other tasks included hydrographic surveys, wave and current analysis to optimize the design, post-design services during bidding and construction, construction management services, benthic marine biological surveys, and post construction services.

Cost: $1M

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Prime—Coastal Engineer and Planner

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)

Waikīkī Aquarium Effluent Disposal System Upgrade

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
2024	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
University of Hawai'i	Brandon Shima	(808) 216-4780

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

The Waikīkī Aquarium is the second oldest operating public aquarium in the U.S., have been operating out of its current facility since 1955. Oceanit was contracted by the University of Hawaii to analyze the Aquarium wastewater systems and develop a comprehensive process water system redesign with the goal to ensure compliance with increasing environmental regulatory requirements and future expansion and improvements. Evaluation and redesign of the wastewater systems involved assessment of the electrical system, mechanical systems, local geology, and biological life support systems. Additionally, all infrastructure improvements will be designed to accommodate future displays and other upgrades. Challenges included navigating a stringent regulatory environment, coordinating investigations during COVID restrictions, specifying proper state of the art water treatment and life support equipment, and working within the limitations of aging infrastructure.

Oceanit managed a large team of subcontractors for this complicated project, including mechanical engineers, electrical engineers, hydrogeologists, geotechnical engineers, surveyors, aquarium and water quality specialists, architects, pipe surveyors, and aquarium life support systems specialists. Coordination and communication challenges with such a large subcontractor team was compounded as the there were also multiple groups representing the client input, including the University of Hawaii, Waikiki Aquarium, and donors to the aquarium. The Oceanit team was integral in maintaining lines of communication within and between groups, coordinating with regulators, and keeping the project moving and everyone on the same page.

Oceanit's deliverables included a Water System Upgrade Plan, Basis of Design Report, Compliance Monitoring Plan, and other necessary components for Federal, State, and County permit regulations.

Oceanit will oversee construction of the multi-million-dollar infrastructure improvement project.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Prime Consultant, Civil/Env. Engineer, Biologist
b.	Okahara & Associates, Inc.	Hilo, HI	Mechanical Engineer

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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ala Wai Small Boat Harbor Improvements **Honolulu, Oahu, Hawai'i**	2013	2014

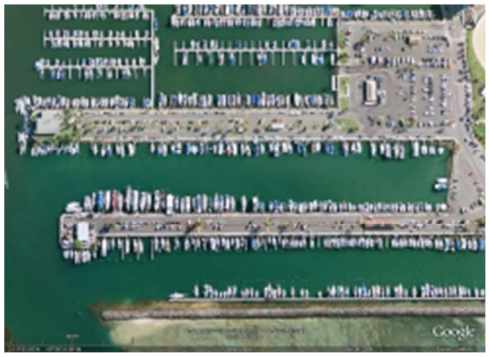
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Land and Natural Resources	Mr. Eric Yuasa	808/587-0122

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

Scope: Oceanit prepared construction plans and specifications and secured permits to replace the existing 6-inch potable water main, including lateral connections, valves, and meters, with new four-inch and eight-inch water mains, lateral connections, valves, and meters.

A design for replacement of existing fixed finger piers with aluminum and composite floating piers, including ADA-accessible cross docks, at the 500 Row Docks of Ala Wai Small Boat Harbor (AWSBH) was also provided. Related improvements included gangways, security gates, and utilities (electrical and water).



Oceanit subcontracted or prepared:

- A topographic survey, including the location of utilities;
- A hydrographic survey;
- A geotechnical investigation;
- Conceptual designs and alternatives;
- Construction plans and specifications;
- An engineering cost estimate; and
- All required permits (Department of the Army permit, 401 Water Quality Certification) prior to construction. Oceanit also provided post-design services during bidding, and construction services for the waterline replacement.

Oceanit prepared and obtained approval of a Traffic Control Plan to provide safe work zones for the contractor and safe passageways for pedestrian and motorists passing through the construction site during installation of the water line.

Design Fee: $337,375 and Waterline replacement: $1.3 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit	Honolulu, Hawai'i	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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Groin and Beach Nourishment at Kauai Kailani Condominiums Kapa'a, Hawai'i	Ongoing	Anticipated summer 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Association of Unit Owner of Kauai Kailani Condominiums	Brian Mose	(250) 248-0969

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

Kauai Kailani has had several beach erosion since 2012, when a concrete groin upstream of the property was removed. Over a two-year period following the groin removal, erosion removed approximately 500 cy of sand. An emergency temporary sand bag revetment was installed in 2017 to protect the escarpment fronting the property. The temporary erosion control provided protection while Oceanit worked on planning a long-term solution.

The scope was to restore Kauai Kailani Beach by constructing a temporary sand bag groin and to use compatible beach sand that has accreted in the Waipouli Drainage Canal for beach nourishment fronting the condominiums. The proposed temporary sand bag groin was designed to occupy a similar footprint to the concrete structure that was removed in 2012.

The beach nourishment required approximately 1,000 cy of beach sand. Subsequent beach nourishments are anticipated after 3-4 years, with each 100-200 cy volumes, over the course of 10 years.


Post Construction


Erosion before project

Engineering design services included:

1) Site inspection, evaluation and recommendations;
2) Construction plans including grading, site, BMP notes and detail plans
3) Prepare specifications and contract documents
4) Prepare required permits
5) Construction support services when required.

Approximate construction cost: $1,000,000


Prior to beach construction

During Construction

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Prime

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)

Mantokuji Soto Mission Shoreline Adaptation
Pāʻia, Maui, HI

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ongoing	2023

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Mantokuji Mission Board of Directors	Eric Moto, Board President	

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

The beach and shoreline at this historic Soto Zen Buddhist temple is eroding and much of the previously documented sandy beach has been lost. Historically, this beach was mined for sand used in public works. Without a beach to buffer coastal forces, inland areas are exposed to greater hazards including flooding, wave uprush, and scouring.

Oceanit was contracted by the Board of Directors for engineering assessment, agency coordination, and construction administration services related to the hazard mitigation. The historic temple structure is imminently threatened by the erosion.

The shoreline adaptation project included installation of emergency temporary erosion control structures along the uppermost portion of the beach profile, seaward of the property. The installation helps retain unstable soils and the slow progression of active shoreline erosion, which was approaching the foundation of the temple. This short-term mitigation measure will remain in place for about three years while the temple engages in a complex long-term planning process. Among the options being considered are restoring the protective beach in Mantokuji Bay, retrofitting the temple to accommodate future coastal hazards, and relocating or demolishing other structures if necessary.

Estimated Construction Costs: $400,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Prime

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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
North Kawaihae Small Boat Harbor Improvements **Kawaihae, Hawai'i**	Ongoing	2026 (est.)

23. PROJECT OWNER'S INFORMATION

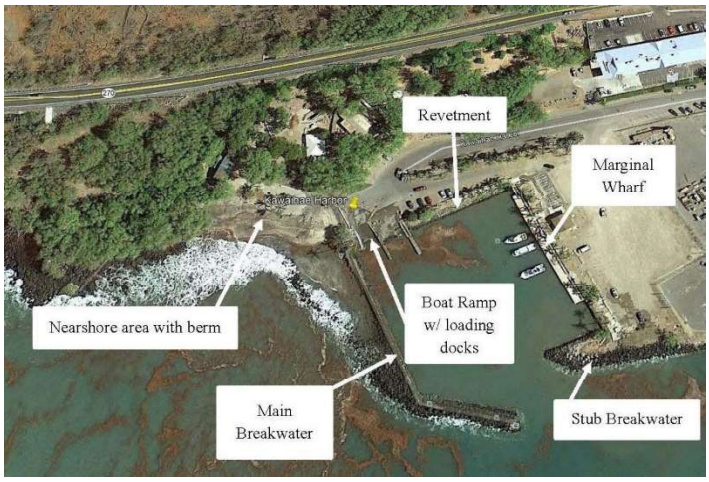
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Land and Natural Resources Division of Boating and Ocean Recreation	Mr. Finn McCall, P.E.	(808) 587-3250 / finn.d.mccall@hawaii.gov

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

Oceanit is currently under contract with the Department of Land and Natural Resources Division of Boating and Ocean Recreation (DLNR - DOBOR) to provide designs for repairs to the small boat harbor. The main breakwater that is supposed to protect the harbor has undergone major repairs in the past due to wave damage. The most recent wave damage occurred in January 2020, rendering the marginal wooden wharf and much of the harbor utilities unusable. The proposed improvements will strengthen the compromised breakwater, construct a sand berm along the shoreline to prevent sand from accumulating on the boat ramp and replace or repair damaged infrastructure. These actions will remove safety hazards, improve conditions, and increase the usability of the harbor for harbor users.

Oceanit provided project management, topographic and bathymetric surveys, damage assessment reports for the main breakwater, marginal wharf, rock revetment, parking lot, boat washdown and drainage improvements, utility upgrades, a drainage evaluation, wave modelling and report, an Environmental Assessment, and all required permits.

Estimated Construction Cost: Main Breakwater - $4.62 million, **Infrastructure Improvements**: $1.16 million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit	Honolulu, Hawai'i	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: **8**

21. TITLE AND LOCATION (City and State)

Social Impact Assessment for the A&B Proposed Water Lease for the Nāhiku, Ke'anae, Huelo, and Honomanū License Areas
Lahaina, Maui, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2021	N/A

23. PROJECT OWNER'S INFORMATION

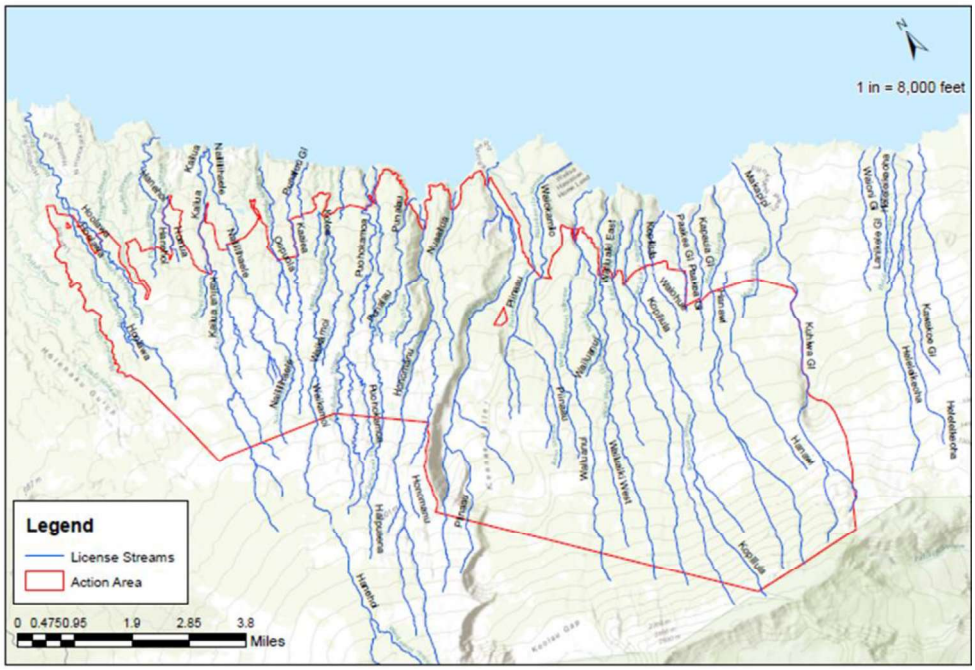
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
A&B	Keola Cheng, Wilson Okamoto and Associates	808.946.2277

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

This project was not performed by Oceanit but managed and completed by Berna Senelly who is currently an Oceanit employee.

Services included

- Development of a profile of the existing social environment including demographics, relevant historical influences and public policies and plans
- Identification and analysis of community issues based on seven focus groups and interviews with key community influencers
- Identification of potential social impacts, including potential to realize public policies, sustainable and local agriculture, and community interest in access to water collection areas. In addition, social impacts on specific social groups were identified



License Area Streams

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)

Community Outreach for Proposed Improvements to Kealakehe Wastewater Treatment Plant
Kona, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION (if Applicable)
2021	N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Hawai'i County Department of Environmental Management	Craig Lekven Brown and Caldwell	808.442.3301

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

This project was not performed by Oceanit but managed and completed by Berna Senelly who is currently an Oceanit employee.

The Hawai'i County Department of Environmental Management (DEM) is proposing improvements to the Kealakehe Wastewater Treatment Plant (WWTP) that will allow for reuse of wastewater treated in accordance with the State of Hawai'i, Department of Health (DOH) Reuse Guidelines R-1 classification, as well as disposal of treated effluent not treated for R-1 classification.

A community outreach program was conducted to introduce people to the proposed project and provide information to help the community understand County objectives and the proposed means by which these objectives can be met. These outreach efforts were intended to raise awareness and engage the community in constructive dialogue throughout the planning and Environmental Impact Statement (EIS) stages so that the project team can proactively address community concerns as the project proceeds.

A key component of the outreach program is to incorporate early and ongoing guidance from a cross-section of key community leaders. The first stage of the outreach program was designed to lay the foundation for future community conversations and in-depth interviews were conducted with a wide cross-section of community/

The second stage of the outreach program was designed to expand on the in-depth interviews with focus groups of like-minded people who share common interests. This approach was designed to help participants fully explore topics from similar perspectives. Four focus groups were conducted including environment, business and landowners, recreation and public agencies.

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
Steve Wilson	Project Administrator	X						X			
Om Das PE, PMP	Civil Engineer/Construction Manager			X							
Jason Lee PE	Principal, QA/QC			X				X			
Michael Foley PhD, PE	Civil / Coastal Enginner	X	X		X	X	X				
Linyan Goo PhD, PE	Civil / Coastal Engineer	X					X	X			
Vicki Spradlin	Civil Engineer			X		X		X			
Catherine Hanna	Civil / Coastal Engineer			X		X	X	X			
Amber Park	Landscape Architect Drafting Technician			X				X			
Berna Senelly	Community Planner						X	X	X	X	
Dale Uno	Project Administrator	X		X				X			
Steve Enomoto	Inspector / Assistant Project Engineer										
Michael Erorita PE	Civil Engineer										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Ala Wai Canal Flood Risk Management Project Honolulu, Hawai'i	6	Mantokuji Soto Mission Shoreline Adaptation Pā'ia, Maui, HI
2	Mauna Lahilahi Beach Park Erosion Control Wai'anae, Hawai'i	7	North Kawaihae Small Boat Harbor Improvements Kawaihae, Hawai'i
3	Waikīkī Aquarium Effluent Disposal System Upgrade	8	Social Impact Assessment for the A&B Proposed Water Lease for the Nāhiku, Ke'anae, Huelo, and Honomanū License Areas Lahaina, Maui, Hawaii
4	Ala Wai Small Boat Harbor Improvements Honolulu, Oahu, Hawai'i	9	Community Outreach for Proposed Improvements to Kealakehe Wastewater Treatment Plant Kona, Hawaii
5	Groin and Beach Nourishment at Kauai Kailani Condominiums Kapa'a, Hawai'i	10	

Example Projects of

Construction Management

F. EXAMPLE OF 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)*
Aiea Elementary School Building A and B Air Conditioning
Aiea, HI

22. YEAR COMPLETED
PROFESSIONAL SERVICES: 2017
CONSTRUCTION *(If applicable)*:

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Education		/ - Ext.

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

The project was not performed by Oceanit but managed by Jason Lee, who is Oceanit's current employee

- Managed construction projects from inception to completion; prepared project schedules.
- Coordinated and scheduled field crews and subcontractors to work on multiple projects.
- Provided field supervision and quality control of projects.
- Conducted safety meetings; monitor jobsite safety.
- Prepared subcontract agreements.
- Estimated costs for bids; prepared submittals and change orders; developed design-build plans.
- Conducted project meetings with clients and consultants.

Installed air conditioning systems for 14 classrooms, new exterior AC enclosure with concrete slab/pad and chain link fence/gate, new aluminum awning windows, new suspended acoustic ceiling, new lighting, and paint.

Construction Cost: $1.9 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	
c.		,	
d.		,	
e.		,	

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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Overseas Terminal Asbestos Containing Materials Abatement, Air Conditioning Modifications Honolulu, HI	Ongoing	Ongoing (2023 estimated)

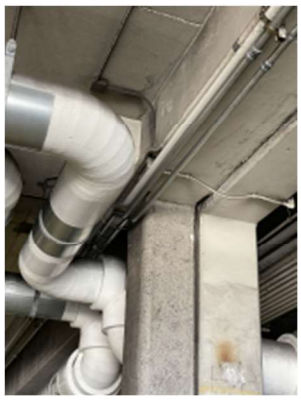
23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
HI DOT, Airports Division	Diana Lee	808/ 587 - 2131

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

The Overseas Terminal at Honolulu International Airport was constructed in 1969 and continues to serve as the gateway for the majority of international arrivals to the State of Hawaii. Oceanit was hired as the Construction Manager for a multiphase project to replace and upgrade the roof-mounted heating, ventilation, and air conditioning (HVAC) units, install new chilled water lines in the basement and ground floor level to serve the HVAC Units, overlay the International Arrivals Building (IAB) roof with fluid applied roof coating, and replace south basement HVAC units. A second phase to abate asbestos containing materials is forthcoming. The Overseas terminal includes the Customs and Border Protection (CBP) secured area, which is frequently occupied throughout the day, necessitating extensive security, scheduling, and outage coordination.

All construction work within the CBP area is conducted at night to minimize impacts on Airport operations. Work is halted and abatement scheduled such that areas may be cleared when international flights and passengers arrive. All operations are coordinated and performed to CBP's satisfaction.



In addition to typical project construction management requirements, Oceanit is coordinating hazardous materials sampling and analysis, air monitoring, airport outage requests, Customs and Border Protection security access, and FAA permits.

Fee: $1.5 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Construction Management
b.	Kaimana Environmental Solutions	Honolulu, HI	Hazardous Materials Sampling

F. EXAMPLE OF 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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
HNL NDWP IIT Mauka Extension, Daniel K. Inouye International Airport Honolulu, HI		2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
HDOT, Airports Division		/ - Ext.

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

Not performed by Oceanit, but Oceanit's current employee Om Das, PE, PMP was a key personnel on this project.

The project scope included the construction of the new $270 Million Inter-Island Terminal (IIT) Mauka terminal extension at the Daniel K. Inouye International Airport that was approximately 280,000-square-foot and a two-story building connecting to the existing IIT. The Mauka Extension was designed to be LEED Silver certified and provide a new concourse capable of accommodating six Group V (wide-body) aircraft gates and alternately up to 11 Group III (narrow body) aircraft gates.

Oceanit's team member Om Das served as the construction management team's lead that managed all aspects of the project that interfaced with Airport operations, Airlines, neighboring HART Contractor, and the USPS. Mr. Das was also the lead on the security activation of the facility during its transition from a non-secured into a sterile facility.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
		,	

F. EXAMPLE OF 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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
HNL NDWP Taxilanes G&L – Phase I, Daniel K. Inouye International Airport Honolulu, HI		2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
HDOT, Airports Division		/ - Ext.

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

Not performed by Oceanit, but Oceanit's current employee Om Das, PE, PMP was a key personnel on this project.

The project scope included the widening and reconstruction of Taxilanes G & L between the Inter-Island Terminal and Taxiway A at the Daniel K. Inouye International Airport to accommodate ADG-V aircraft traffic with a construction cost of approximately $60 Million. The project scope also included the construction of a new concrete culvert structure above a canal that required significant coordination with the Airport's Environmental Section, the Department of Health (DOH) and the Army Corps of Engineers (Army).

Oceanit's team member Om Das served as the construction management team's lead that managed all Quality Assurance, Environmental and Project Controls work on this project. Mr. Das led all Quality Assurance efforts in accordance with projects documents that included but not limited to compliance with FAA's P-152, P-403, P-401 and P-501 FAA specifications. Mr. Das was responsible for coordinating all construction work with the DOH & the Army and for ensuring General Contractor's (GC) construction compliance with all applicable Federal, State & Local environmental regulations. Mr. Das was also responsible for reviewing & monitoring GC's schedule updates and reviewing & negotiating cost claims submitted by the GC.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	
c.		,	

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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Water Infiltration into the Basement of the Overseas Terminal and International Arrivals Building, Daniel K. Inouye International Airport, Honolulu, HI	Ongoing	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
HI DOT, Airports Division	Steve Tagupa	(808) 587 - 2131

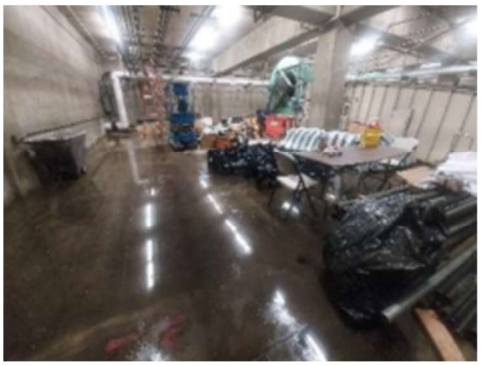
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)

The basement of the international Arrivals Building has been plagued with water infiltration through the concrete floor slab. Based on an assessment of the amount of water infiltration, and the sources and flow paths of water impacting the basement, Oceanit designed an investigations program to define the problem.

Oceanit conducted precise elevation surveys, water quality studies, ground penetration radar studies, water sensing electrical potential measurements and designed a solution to prevent floor flooding to enable efficient ramp and baggage handling operations and maintenance of air conditioning machinery for the building. Designed repairs include exterior grading and landscaping, floor and condensate drainage network abandonment and replacement, concrete void, cracks and spall repair, concrete injection sealing, installation of sub-slab waterproofing system, and replacement of structural concrete. The investigative work preceding design required significant coordination with the Airport stakeholders. Improvement and repair design plans (100% plans) were delivered several months ahead of schedule.

Throughout the project, tasks needed to be executed without interfering with airport operations. Oceanit actively coordinated and maintained clear communications with DOT-A and contractors to ensure the tasks were performed in sequence. Construction will be conducted in phases, and Oceanit will manage construction scheduled to commence in mid-2023 following substantial completion of the OST ACM abatement project construction.





25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Construction Management
b.	Kaimana Environmental Solutions	Honolulu, HI	Hazardous Materials Sampling

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)	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)
Ke'ehi Lagoon Mangrove Removal **Honolulu, HI**	2021	2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
HI DOT, Airports	Steve Tagupa	808/ 838 - 8805

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

Invasive Mangrove trees, proliferating in the Ke'ehi Lagoon, serve as a habitat for several non-native bird species, which have the potential to cause bird strikes for planes during takeoff and landing at the nearby Daniel K. Inouye International Airport. In addition, mangroves proliferate rapidly and have negative ecological impacts, such as reduction in habitat quality for endangered waterbirds like the Hawaiian Stilt. Bird strikes can be extremely dangerous, so to prioritize safety, the Department of Transportation Airports Division is overseeing the removal of the invasive mangrove trees.

Oceanit is providing construction management services and environmental compliance inspections to remove the extensive mangrove growth in the Lagoon. Responsibilities include project documentation; tracking schedule, budget, and compliance; site inspections; and safety oversight. As many native and endangered species also live in the lagoon, Oceanit implemented regular surveys for endangered species to ensure that only non-native trees and birds were removed from the lagoon. Also coordinated was the removal of deteriorated boats, floating Wedding Chapel, and seaplane dock that posed hazards to navigation for lagoon users

Several challenges arose throughout the course of this project including the COVID-19 pandemic restrictions, the lagoon squatter population, and culling of non-native bird flocks. In response to the pandemic, Oceanit quickly adapted inspections and implemented a set of protocols to ensure maximal safety. Additionally, five of the six project areas are located on islets in the lagoon, and the inter-tidal nature of the job site required work to be executed around dynamic tide tables and challenging environmental conditions.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.	Oceanit Laboratories, Inc.	Honolulu, HI	Construction Management

F. EXAMPLE OF 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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
Kinau Hale Repair Lanais Honolulu, HI		2021

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Health		/ - Ext.

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

The project was not performed by Oceanit but managed by Jason Lee who is Oceanit's current employee.

- Managed construction projects from inception to completion; prepared project schedules.
- Coordinated and scheduled field crews and subcontractors to work on multiple projects.
- Provided field supervision and quality control of projects.
- Conducted safety meetings; monitored jobsite safety.
- Prepared subcontract agreements.
- Estimated costs for bids; prepared submittals and change orders.
- Conducted project meetings with clients and consultants.

Remove and replace deteriorated steel guard railing for exterior lanais at Kinau Hale, a Department of Health three-story building.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	
c.		,	
d.		,	
e.		,	
f.		,	
g.		,	

F. EXAMPLE OF 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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
McDonald's Waipahu Renovation Waipahu, HI		2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
McDonald's Corporation		/ - Ext.

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

The project was not performed by Oceanit but managed by Jason Lee who is Oceanit's current employee.

- Managed construction projects from inception to completion; prepared project schedules.
- Coordinated and scheduled field crews and subcontractors to work on multiple projects.
- Provided field supervision and quality control of projects.
- Conducted safety meetings; monitored jobsite safety.
- Prepared subcontract agreements.
- Estimated costs for bids; prepared submittals and change orders.
- Conducted project meetings with clients and consultants.

Renovated the dining room and restrooms, install building exterior features and finishes, construct new play place structure, trash enclosures, and concrete ramps with metal railings.

Construction Cost: $2.1 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	
c.		,	
d.		,	
e.		,	
f.		,	
g.		,	

F. EXAMPLE OF 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)*
Central School District – Heat Abatement Nimitz Elementary School
PVAC Permanent Classrooms – Phase 1B
Honolulu, HI

22. YEAR COMPLETED

PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
	2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
Department of Education		/ - Ext.

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

The project was not performed by Oceanit but managed by Jason Lee who is Oceanit's current employee.

- Managed construction projects from inception to completion; prepared project schedules.
- Coordinated and scheduled field crews and subcontractors to work on multiple projects.
- Provided field supervision and quality control of projects.
- Conducted safety meetings; monitored jobsite safety.
- Prepared subcontract agreements.
- Estimated costs for bids; prepared submittals and change orders.
- Conducted project meetings with clients and consultants.

Provided photovoltaic air conditioning (PVAC) systems for 15 classrooms and installed 168 ceiling fans for 40 classrooms and cafeteria.

Construction Cost: $1.9 million

RISE TO THE SUMMIT
Kūlia i ka Nu'u
ADMIRAL CHESTER W. NIMITZ ELEMENTARY SCHOOL

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	
c.		,	
d.		,	
e.		,	
f.		,	
g.		,	

F. EXAMPLE OF 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)*	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION *(If applicable)*
PE/Athletics Complex General Repairs, Phases 2, 3, 4 Honolulu, HI	2015	

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
University of Hawaii		/ - Ext.

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

The project was not performed by Oceanit but managed by Jason Lee, who is Oceanit's current employee

- Managed construction projects from inception to completion; prepared project schedules.
- Coordinated and scheduled field crews and subcontractors to work on multiple projects.
- Provided field supervision and quality control of projects.
- Conducted safety meetings; monitor jobsite safety.
- Prepared subcontract agreements.
- Estimated costs for bids; prepared submittals and change orders; developed design-build plans.
- Conducted project meetings with clients and consultants.

Phase 2 – Renovate the Football Locker Room in the Manoa Athletics Complex
Cost: $1 million


Phase 3 – Renovate meeting rooms, training/treatment rooms, equipment room, coaches' locker rooms and offices in the Manoa Athletics Complex
Cost: $3 million


Phase 4 – Renovate the auditorium, classrooms, and offices in the Manoa Athletics Complex
Cost: $1.5 million


25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION *(City and State)*	(3) ROLE
a.		,	
b.		,	

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
Steve Wilson	Project Administrator		X			X	X				
Om Das PE, PMP	Civil Engineer/Construction Manager		X	X	X	X					
Jason Lee PE	Principal, QA/QC	X	X			X		X	X	X	X
Michael Foley PhD, PE	Civil / Coastal Enginner						X				
Linyan Goo PhD, PE	Civil / Coastal Engineer						X				
Vicki Spradlin	Civil Engineer		X			X	X				
Catherine Hanna	Civil / Coastal Engineer		X			X	X				
Amber Park	Landscape Architect Drafting Technician					X					
Berna Senelly	Community Planner										
Dale Uno	Project Administrator		X			X					
Steve Enomoto	Inspector / Assistant Project Engineer		X			X					
Michael Erorita PE	Civil Engineer										

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	Aiea Elementary School Building A and B Air Conditioning, Aiea, HI	6	Keehi Lagoon Mangrove Removal, Honolulu, HI
2	Overseas Terminal Asbestos Containing Materials Abatement, Air Conditioning Modifications, Honolulu, HI	7	Kinau Hale Repair Lanais, Honolulu, HI
3	HNL NDWP IIT Mauka Extension, HNL Airport, HI	8	McDonald's Waipahu Renovation, Waipahu, HI
4	HNL NDWP Taxilanes G&L – Phase I, HNL Airport, HI	9	Central School District – Heat Abatement Nimitz Elementary School PVAC Permanent Classrooms – Phase 1B, Honolulu, HI
5	Water Infiltration into the Basement of the Overseas Terminal and International Arrivals Building, HNL Airport, HI	10	PE/Athletics Complex General Repairs, Phase 2,3,4, Honolulu, HI

Additional Information

H. ADDITIONAL INFORMATION

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

INTRODUCTION

Established in 1985 as an ocean engineering firm, Oceanit has diversified services to include civil, environmental, coastal, dam & reservoir engineering; environmental science; planning and permitting; and project and construction management. Oceanit's principal place of business at the company's headquarters located in downtown Honolulu, Hawaii.

Today, Oceanit delivers transdisciplinary consulting engineering services. Our engineers, environmental scientists, planners and field technicians work collaboratively to provide leading-edge reports and innovative design concepts that minimize environmental impact, comply with regulatory requirements, and allow for efficient implementation.

PAST PERFORMANCE ON PROJECTS OF SIMILAR SCOPE FOR PUBLIC AGENCIES OR PRIVATE INDUSTRY

Project-proven professionals with a wide range of experience are available for project needs. Oceanit's staff members have extensive project management, engineering, environmental, and construction management experience with public works and private projects. In addition, staff members presented in this submittal have on-call and indefinite quantity contract experience and understand what it takes to complete multiple, concurrent assignments on a fast-track basis. Key personnel resumes for our *RiSE* team (Engineering and Planning) and subconsultants are presented in Section E of this submittal.

EXPERIENCE AND PROFESSIONAL QUALIFICATIONS RELEVANT TO THE PROJECT TYPE

Oceanit has provided engineering analysis, designs for new or rehabilitated utility and infrastructure systems, permitting services and construction management for 40 years. Repeat clients includes the four Hawai'i counties, state, and federal agencies as well as private entities. This experience and in-depth knowledge of operations and procedures of these agencies provide our staff with the expertise to bring projects from conception to completion. Section F projects describe these relevant projects.

Civil Engineering. Oceanit is responsible for planning and design, environmental services, surveys and assessments, new or rehabilitated utility design, and construction management for a variety of civil engineering projects. These projects have involved a multitude of site improvements, such as roadways, embankments, revetments, seawalls, piers, parking lots, sidewalks, dams and reservoirs, and water tanks. The firm's engineering teams tackle a wide range of complex problems and deliver timely, cost-saving solutions to a diverse client base.

Environmental Engineering. Oceanit has completed many environmental engineering projects throughout Hawai'i and the pacific. These projects include wetland restoration, bird habitat restoration, water and air quality monitoring, fish pond rehabilitation, hazardous materials assessment and remediation, underground storage tank removal and closure, total maximum daily load studies, water quality restoration in lakes, flood engineering, dam & reservoir safety, storm water compliance, and best management practice design and implementation. Oceanit typically provides complete permitting services for our clients, including preparing applications, providing associated documentation and participating in consultations and meetings with regulatory agencies. We are familiar with and have worked with procedures, policies, and staff of county, state, and federal regulatory agencies and have successfully navigated the labyrinth of regulatory requirements for projects.

Coastal Engineering. Oceanit has provided coastal engineering services for 40 years. The firm's team of highly qualified experts have the technical background, practical experience, and broad understanding required to design solutions that work in the beautiful and dynamic seaside environment. Oceanit blends specialized science, technology, and engineering to provide solutions that fit the specialized needs of coastal communities. The firm's innovative culture allows staff to explore how non-traditional technologies can be applied to solve unique coastal problems that don't fit within "the box." Projects include shoreline erosion protection structures, beach nourishment, coastal process characterization studies, shoreline construction permitting, and the repair of seawalls and other historic coastal structures.

Environmental Monitoring. Oceanit staff have developed unique capabilities using real-time environmental monitoring to support the construction industry and are experienced in providing real-time water quality and air quality data to construction site personnel to minimize environmental pollution and liability. Automatic water and air quality monitors installed at construction sites and backed by analysis and information technology provide real-time data to our office and contract site managers and alert of impending pollution possibilities. This allows proactive steps to be taken to avoid non-compliance with applicable permit conditions and costly regulatory fines.

Water Resources Engineering. Oceanit's background includes the planning, analysis, design, and construction support of water pipelines, reservoirs, wastewater systems, and site development projects. Oceanit's engineers are adept in the areas of project cost control and comprehensive planning for water resources and utilities systems. With in-house expertise from the firm's environmental disciplines, Oceanit offers clients the ability to move projects efficiently from planning and design to construction. The firm has provided drainage and storm water engineering services for all divisions of the State of Hawai'i DOT and DLNR for over 30 years. Services have focused on storm water management; total maximum daily load determination; stream dredging; flood mitigation; hydrologic and hydraulic modeling; wetland improvement; storm water characterization; NPDES compliance monitoring for storm water, storm sampling, and analysis; and other water related issues.

Planning. Oceanit's planners, engineers, and subconsultants have worked on a variety of master planning and entitlement documents, as well as feasibility and engineering studies. Our dynamic group of experienced planners have a diverse range of technical expertise and strong history of guiding clients and projects through the federal, state, and regulatory approval processes. This experience provides clients with an in-depth knowledge of approval processes, ensuring the right support for projects. In addition, Oceanit employs community engagement and outreach efforts tailored to the target communities and interest groups.

General Engineering for Dam Safety. A critical part of our infrastructure, dams provide a range of economic, environmental, and social benefits, including flood mitigation, power generation, water supply and irrigation, stormwater detention, wildlife support, and recreational and aesthetic reasons. Oceanit is focused on maintaining safe and economically viable dam facilities and is experienced in providing a full range of dam services, from inspections and rehabilitation to emergency action plans and removal. With a reputation for innovative, quality engineering for all types of dam projects, Oceanit staff provide safe and cost-effective solutions for dams and related infrastructure.

Computer Science. Oceanit specializes in solving difficult IT problems ranging from small database and networking issues to large situational awareness databases for national clients. Oceanit's *Innovation Insights* (I/I) team specializes in developing mobile applications to enhance field data collection by improving the efficiency of field personnel and minimizing transcription errors. Solutions include the development of a mobile phone application for damage assessments for the State of Hawai'i Civil Defense to land information management systems for Kamehameha Schools. The firm's solutions are often integrated with geospatial databases, including GIS systems to provide geospatial analyses using both industry standard and open source software. Within the I/I team are business process re-engineering experts to determine client requirements early in the project. The firm's unique expertise and total quality management approach enables the ability to scale and manage complex projects ranging from a large $15 million project to very small projects under $20,000.

Project Management. Effective project management monitors and coordinates the key factors of communication, scheduling, cost, design, and quality assurance. The assigned Oceanit project manager will use a straightforward, computerized task order system that focuses on the key project issues and keeps track of all of the details. Working with your staff, the project manager will develop specific task orders that define a discreet group of subtasks. Each task order will outline what is to be done, how it will be accomplished, the schedule and budget, the definition of the deliverable, and team member responsibilities. Oceanit's project manager will ensure that work progresses on schedule and within budget, and that appropriate actions are taken to keep the project progressing smoothly.

Construction Management. Oceanit's construction management team is experienced in the administration of construction contracts for projects in Hawai'i. Our construction specialists have the experience and practical skills to cultivate solid partnering relationships among the construction team. This integrated practice builds solid team consensus that leads to a well-defined project scope, streamlined procedures, and proactive communication that minimizes owner and contractor risks. Services provided include contract document preparation, contract administration, and construction monitoring and inspection.

Organizational Change Management. Organizational change management (OCM) is an integrated and a strategic process that guides an organization through fundamental and lasting change. OCM gauges people's ability to adapt to and implement change, helps prepare people for change, deals with problems and conflicts, and implements necessary steps. Oceanit provides OCM services to assist in evaluating processes, identifying problems, and determining the need and extent for change. In its most basic form, OCM aligns expectations, builds and integrates teams, provides governance and structure to the change implementation, and helps staff with the transition through communication, training and other means.

QUALITY ASSURANCE AND CONTROL

Oceanit has set procedures for conducting project activities. The project manager will select the most appropriate project team in consultation with all engineering division managers. The team may consist of engineers from appropriate disciplines, hydrologists, planners, and geologists depending on project requirements. The relevant project personnel attend an internal kickoff meeting where they are briefed on procedures to be followed for quality assurance and quality control (QA/QC) for

planning, field work, sampling, data analysis, designs, and the preparation of plans and specifications, community interactions and other project activities.

Oceanit typically prepares a detailed QA/QC plan for each project and employs analysis methodologies commonly accepted by the engineering industry and approved by regulatory agencies to ensure acceptance and consistency in the data and designs produced. The Director of Engineering and two senior project managers from the fields of civil engineering, environmental science, and planning act as the final QA/QC team and check or proof read all deliverables for structure, technical accuracy and content, and then corrected as necessary prior to submittal to the client.

Client meetings are conducted at least on a monthly basis and at project milestones, to present progress, get clear direction on future actions, to discuss issues that come up during the implementation and to ensure client satisfaction. Oceanit has a designated project manager and an alternate staff person who can be contacted by the client any time.

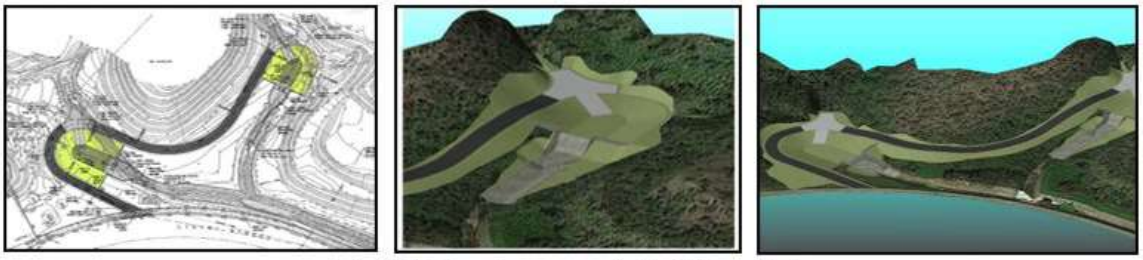
CAPACITY TO ACCOMPLISH THE WORK IN THE REQUIRED TIME

The Oceanit team has executed multiple contracts involving a wide range of civil, environmental and coastal planning, engineering and field services. Our goal is to provide quality professional services for government agencies, while protecting properties, ensuring the safety of residents and conserving and enhancing the infrastructure and natural environment of Hawaii. Each of our staff is experienced in all phases of projects including planning, report preparation, permit applications, generating plans, specifications and cost estimates, field work, environmental monitoring and public outreach. Oceanit's consulting team has been steadily growing, with recently added personnel experienced in project design, construction management, and community planning. With new team member support, the team has the capacity to service the subject project while simultaneously executing existing contracts.

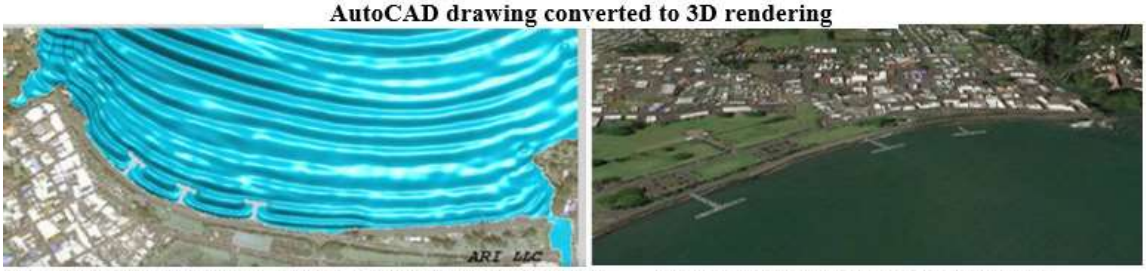
INNOVATIVE/UNIQUE APPROACHES FOR FURNISHING SERVICES

Computer Modeling can be used as appropriate to assess existing and improved conditions on roadways and adjacent land. Oceanit has used modeling for evaluating potential solutions for projects requiring flood mitigation or drainage improvements and spillway adequacy studies for dams and reservoirs as well as design of temporary or permanent BMPs. We have conducted numerous Hydrologic and Hydraulic (H&H) analyses using computer models to develop Emergency Action Plans to simulate dam break scenarios and resulting flood inundation zones. GIS-based utility modeling was used for evaluation and design of water, sewer and storm drain systems at a number of Army bases on O'ahu. Modeling to simulate high wave conditions and wave penetration has proven useful for design of harbor and coastal roadway improvements. See below for Hilo Bayfront Highway screenshot of wave penetration animation.

3D Technology in Data Visualization. Oceanit engineers utilize 3D technology in data visualization. The technology helps us clearly convey existing site conditions and proposed improvements to our clients and affected stakeholders. An example of this capability was used for the Salt Lake Debris Basins BMP project to convert AutoCAD drawings to 3D renderings (see below). For the Hilo Bayfront Highway project, oblique views of proposed improvements can be overlaid on Google maps (bottom right) to provide a visual view of proposed improvements. In addition, Oceanit has an in-house 3-D printer that can build scaled physical models to convey the project concepts or ideas interactively with stakeholders and the public. The photos below show a 3-D model of the Ala Wai watershed, which flooding maps and animations can be projected onto. Oceanit used this tool to present the flooding results in client and community meetings.



AutoCAD drawing converted to 3D rendering



Hilo Bayfront Highway - Wave Penetration Animation Oblique View of Proposed T-Groins

3D Model of Ala Wai Watershed Showing Flooding Animations Using 3D Watershed Model

Remote Monitoring. Our engineers and technicians can remotely transmit vital information to our office. For example, we collected a years' worth of temperature and salinity data from acoustic doppler current profilers, thermistor strings, and salinity sensors mounted on two deep sea ocean buoys. The data was remotely downloaded to a laptop on shore and used to model the behavior of the plume created by Honouliuli Wastewater Treatment Plant (WWTP) effluent. A remote system was also used to collect and transmit dust data generated at a bridge widening construction site in Wailua, Kaua'i. The Contractor used the system to stay in compliance with State of Hawai'i regulatory requirements. The instrument systems included solar powered, real-time, continuous dust monitors and data recorders, a weather station to measure wind and rainfall, and software for dust mass concentration analysis and report generation. An automatic alarm notification system was developed that warned Contractor site supervisors of impending non-compliance conditions with a text message or email, allowing sufficient time to correct the situation. Oceanit created a website that was updated every 10 minutes with the latest monitoring data and equipment status.

Information Technology Solutions. Oceanit's Innovation Insights (II) staff can work closely with our engineers and inspectors to provide forms, manuals and reports tailored to their needs and comply with all State and Federal requirements. Oceanit has the in-house capabilities to perform both Microsoft SQL Server and Oracle database development services for a variety of projects. Recent completed projects include the Statewide Dam Inventory for DLNR Dam Safety, Water Resources Information Management System and the Enforcement Management System for DLNR DOCARE. We also have recently completed projects for DOH, C&C of Honolulu, the County of Hawaii Department of Water and federal agencies.

Machine Learning and Artificial Intelligence. Oceanit's AI team has developed machine learning AI applications that allow computers to digest data, recognize patterns, and infer answers to critical strategic problems. Some examples across various industries include rapid infrastructure damage assessment , traffic studies, erosion rate definition, object/crowd counting, state of health prediction, predictive maintenance, and detecting material composition using light absorption.

Student Outreach Program. Oceanit is a major advocate for bringing science and technology to schools around Hawai'i and bringing students into real engineering projects. Our mission is to empower Hawai'i's kids with skills and experiences that are Human-, Business-, and Technical-based, so they can build greater prosperity for all of Hawai'i. Oceanit's Altino program partners with local K-12 schools to train teachers and students to learn coding and programing in interactive and entertaining ways. We also provide learning opportunities to High School students by involving them in real engineering projects, if allowed and desired by clients.

REFERENCES

Oceanit's project team has the experience and qualifications to complete the requested professional services on time and within budget. Please contact the following references to verify service, technical skills, quality, and schedule and budget performance. All references listed below have worked with Oceanit within the preceding year.

- Ms. Diana Lee, Project Manager
  State of Hawai'i, Department of Transportation, Airports Division
  808/838-8866, diana.lee@hawaii.gov

- Mr. Finn D. McCall, Project Manager
  Department of Land and Natural Resources, Division of Boating and Ocean Recreation
  808/587-3250, finn.d.mccall@hawaii.gov

- Mr. Larry D. Hail, Design Section Head
  State of Hawai'i, Department of Transportation, Highways Division, Maui District
  808/260-6057, larry.d.hail@hawaii.gov

- Mr. Brandon H.L. Shima, Manager
  University of Hawaii, Office of Project Delivery, Project Management
  808/216-4780, bshima@hawaii.edu

- Mr. Randall Wakumoto, Branch Head
  City and County of Honolulu, Storm Water Quality Branch
  808/768-3242, rwakumoto@honolulu.gov

CONFLICT OF INTEREST

Oceanit does **not** have any conflict of interest in performing services for the County of Hawai'i.

INTEREST

Thank you for reviewing Oceanit's qualifications. Specialized experience, coupled with a proven record of performance, assures the Hawai'i County Office of Housing and Community Development of successful project completions.

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE	32. DATE
Ken Cheung	30 June 2025

33. NAME AND TITLE

Ken Cheung, Science and Engineering Director

General Qualifications

PROFESSIONAL SERVICE PROVIDER QUALIFICATIONS

1. SOLICITATION NUMBER (*if any*)

PART II – GENERAL QUALIFICATIONS

(*If a firm has branch offices, complete for each specific branch office seeking work.*)

2a. FIRM (OR BRANCH OFFICE) NAME **Oceanit Laboratories, Inc.**		3. YEAR ESTABLISHED 1985	4. DUNS NUMBER 144540283
2b. STREET 828 Fort Street Mall, Suite 600		5. OWNERSHIP a. TYPE Corporation	
2c. CITY Honolulu	2d. STATE HI	2e. ZIP CODE 96813	b. SMALL BUSINESS STATUS Not Applicable
6a. POINT OF CONTACT NAME AND TITLE Linyan Goo, Project Engineer			7. NAME OF FIRM (If block 2a is a branch office)
6b. TELEPHONE NUMBER 808/531-3017	6c. E-MAIL ADDRESS lli@oceanit.com		
8a. FORMER FIRM NAME(S) (If any) Not Applicable		8b. YEAR ESTABLISHED	8c. UNIQUE ENTITY IDENTIFIER

9. EMPLOYEES BY DISCIPLINE

a. Function Code	b. Discipline	c. No. of Employees (1) FIRM	c. No. of Employees (2) BRCH.
02	Administrative	5	
07	Biologist	2	
08	CADD Technician	1	
11	Chemist	2	
12	Civil Engineer	8	
14	Computer Programmer	9	
15	Construction Inspector	2	
16	Construction Manager	2	
17	Corrosion Engineer	3	
18	Cost Engineer/Estimator	1	
23	Environmental Engineer	2	
24	Environmental Scientist	1	
32	Hydraulic Engineer	2	
40	Materials Engineer	4	
47	Planner; Urban/Regional	1	
48	Project Manager	4	
49	Remote Sensing Specialist	2	
58	Technician/Analyst	2	
62	Water Resources Engineer	1	
	Other Employees	73	
	TOTAL	127	

10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS

a. Profile Code	b. Experience	c. Revenue Index Number (see below)
A06	Airports; Terminals and Hangars; Freight Handling	5
A10	Asbestos Abatement	3
C07	Coastal Engineering	5
C15	Construction Management	4
D02	Dams (Earth; Rock); Dikes; and Levees	4
D08	Dredging Studies and Design	1
E09	Environmental Impact Assessments or Statements	4
E11	Environmental Planning	1
E12	Environmental Remediation	4
E13	Environmental Testing and Analysis	2
H01	Harbors; Jetties; Piers, Ship Terminal Facilities	2
H13	Hydrographic Surveying	1
I06	Irrigation; Drainage	2
O02	Oceanographic Engineering	1
P05/P06	Planning (Community and Project)	1
R11	Rivers; Canals; Waterways; Flood Control	4
S10	Surveying; Platting; Mapping; Flood Plain Studies	2
S13	Storm water Handling and Facilities	4
W03	Water Supply; Treatment and Distribution	4

11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS
(Insert revenue index number shown at right)

a. Federal Work	8
b. Non-Federal Work	7
c. **Total Work**	8

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

1. Less than $100,000
2. $100,000 to less than $250,000
3. $250,000 to less than $500,000
4. $500,000 to less than $1 million
5. $1 million to less than $2 million
6. $2 million to less than $5 million
7. $5 million to less than 10 million
8. $10 million to less than 25 million
9. $25 million to less than $50 million
10. $50 million or greater

12. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

a. SIGNATURE  Ken Cheung, PhD, PE, Science and Engineering Director	a. DATE 6/30/2025

Appendix A
Oceanit Personnel Licenses

MyPVL
DCCA Professional Vocational Licensing

We are currently experiencing a high volume of users on this site resulting in unusually slow lag times.
We apologize and appreciate your patience as we work on resolving this issue. Please try again later.

General License

License ID
PE-13669

License Type
PROFESSIONAL ENGINEER

Legal License Name
JASON Y LEE

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
11/23/2009

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Educational Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

MyPVL
DCCA Professional Vocational Licensing

We are currently experiencing a high volume of users on this site resulting in unusually slow lag times.
We apologize and appreciate your patience as we work on resolving this issue. Please try again later.

General License

License ID
PE-16715

License Type
PROFESSIONAL ENGINEER

Legal License Name
OM S DAS

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
10/12/2015

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Educational Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

MyPVL
DCCA Professional Vocational Licensing

We are currently experiencing a high volume of users on this site resulting in unusually slow lag times.
We apologize and appreciate your patience as we work on resolving this issue. Please try again later.

General License

License ID
PE-20193

License Type
PROFESSIONAL ENGINEER

Legal License Name
LINYAN LI GOO

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
02/21/2023

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Educational Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

General License

License ID
PE-19497

License Type
PROFESSIONAL ENGINEER

Legal License Name
MICHAEL CHIN ERORITA

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
08/16/2021

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

Employees List

Employees

Show 10 entries Search:

General License

License ID
PE-17342

License Type
PROFESSIONAL ENGINEER

Legal License Name
MICHAEL J H FOLEY

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
12/23/2016

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

Employees List

Employees

Show 10 entries Search:

General License

License ID
PE-9348

License Type
PROFESSIONAL ENGINEER

Legal License Name
DAYANANDA H VITHANAGE

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
09/15/1997

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

Employees List

Employees

Show 10 entries Search:

We are currently experiencing a high volume of users on this site resulting in unusually slow lag times.
We apologize and appreciate your patience as we work on resolving this issue. Please try again later.

General License

License ID
PE-10020

License Type
PROFESSIONAL ENGINEER

Legal License Name
KEN C K CHEUNG

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
07/18/2000

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Educational Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

MyPVL
DCCA Professional Vocational Licensing

We are currently experiencing a high volume of users on this site resulting in unusually slow lag times.
We apologize and appreciate your patience as we work on resolving this issue. Please try again later.

General License

License ID
PE-8678

License Type
PROFESSIONAL ENGINEER

Legal License Name
PATRICK K SULLIVAN

Status
CURRENT, VALID & IN GOOD STANDING

Entity Type
INDIVIDUAL

Active/Inactive
ACTIVE

Original License Date
09/18/1995

Expiration Date
04/30/2026

Restriction
--

Trade/Professional Name
--

Special Privilege
--

Conditions & Limitations
--

Class Prefix
--

Business Code
--

Educational Code
--

Business Address
--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search: Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

Appendix B
Oceanit Brochure

oceanit®
innovation through engineering & scientific excellence

WWW.OCEANIT.COM | INFO@OCEANIT.COM

DELIVERING / SCIENCE & TECHNOLOGY / ENGINEERING CONSULTING / INNOVATION CONSULTING

OCEANIT IS REIMAGINING INNOVATION, TO BREAK THE BONDS OF 'NORMAL' AND SOLVE THE IMPOSSIBLE.

Oceanit is a 'Mind to Market' company founded in 1985 on Oahu, Hawai'i. We have earned a world-class reputation for moving fundamental scientific breakthroughs from the lab to the market. Built upon our values of Curiosity, Community, and Ohana, we are a skilled group of scientists, engineers, innovators, and entrepreneurs delivering solutions, products, and services to clients across a multitude of diverse industries.

Mind to Market is the disciplined process that allows us to deliver our breakthrough science to real-world users. Oceanit delivers cut-edge solutions, services, and products to customers across a vast range of industries. Using a variety of paths to market - including corporate co-development, private equity financing, managed acquisition, and direct manufacturing - Oceanit delivers disruptive innovation to the world.

Oceanit practices a proprietary discipline we call Intellectual Anarchy™ that reimagines innovation - empowering our team to break down silos, transcend disciplines, and cross-pollinate ideas and expertise. We create breakthrough ideas, insights, discoveries, and developments as an interdisciplinary force.

Delivering the Future

Oceanit is reimagining innovation to break the bonds of normal and solve the impossible. We are ambitious explorers and discoverers. By embracing transdisciplinary teams and thinking, we create value through innovative science, technology and engineering to make an extraordinary impact on our future.

RiSE

The Resilient Sustainable Engineering (RiSE) team is focused on innovative, responsible, effective, and sustainable engineering solutions. RiSE delivers infrastructure, community works, and ecosystems that are capable of surviving and functioning under chronic stress and recovering quickly from extreme events.

Science & Technology

The S&T team is made up of scientists, engineers, academics, and doctors working at the jagged edge of science to infuse innovation across industries. We develop, sustain, and improve upon technologically superior products and services – while becoming a trusted and valued partner to our customers.

Innovation Consulting

The Innovation Consulting (IC) team contributes to our clients' success and evolution by practicing Design Thinking and empowering organizational change. IC derives value from data, user needs, and process pain points - providing relevant and actionable insights – to solve human-centric problems.

OCEANIT GLOBAL | Honolulu | Houston | Palo Alto | Washington DC
Phone: (808) 531-3017 | info@oceanit.com | oceanit.com

oceanit
innovation through engineering & scientific excellence

WWW.OCEANIT.COM INFO@OCEANIT.COM

OCEANIT RiSE | RESILIENT SUSTAINABLE ENGINEERING CONSULTING

Build a Sustainable Future Through Innovative, Responsible, and Impactful Engineering Solutions

For over 35 years, Oceanit has worked to solve the unique and diverse engineering challenges facing coastal communities and ecosystems. Our mission is to develop innovative and sustainable engineering solutions that work ***for*** people and ***with*** the environment – solutions that will survive and function for decades to come, resisting chronic stress and recovering from extreme events.

The Resilient and Sustainable Engineering (RiSE) team is made up of engineers, scientists, and planners working together to build a positive future for Hawaiʻi and other Pacific communities in the face of the steep ecological and economic challenges of climate change.

Utilizing advanced modeling, Design Thinking, and artificial intelligence technologies, RiSE provide leading-edge consulting, reports, and designs that go beyond traditional engineering to minimize environmental impact while maximizing sustainable results. Oceanit is building a better future for our islands and beyond through innovative, responsible, and impactful engineering solutions.

Coastal Engineering

RiSE focuses on dynamic coastal processes, including the impacts of sea-level rise, reef depletion, and beach erosion on communities, infrastructure, and natural ecosystems.

- Beach nourishment & shoreline erosion protection
- Advanced data-capture & artificial intelligence-assisted analysis
- Coastal process analysis and modeling
- Submerged reef design

Environmental Engineering

RiSE provides innovative solutions to protect the environment, monitor our precious ecosystems, and safeguard habitat resources. Our philosophy is to serve as environmental stewards of our land, working with natural processes to ensure enduring success.

- Environmental monitoring pollution control
- Wetland, marsh, and ecosystem restoration and monitoring
- Document preparation for planning and permitting
- Environmental assessments

Water Resources Engineering

RiSE has extensive experience and expertise working with water resources and their associated range of economic, environmental, and social benefits.

- Flood control design and modeling
- Wastewater/outfall monitoring
- Dam/reservoir inspection, decommissioning, and rehabilitation
- Groundwater resource development and assessment

Civil Engineering

RiSE works on a variety of projects to install, repair, upgrade, or replace utility and transportation infrastructure, with careful consideration for the people who will use them.

- Harbor and utilities engineering
- Construction permitting and construction management
- Site development design
- Airport and transportation infrastructure

Oceanit Center 828 Fort St Mall, Suite 600 Honolulu, HI 96813
http://www.oceanit.com/engineering-consulting

SCIENCE & TECHNOLOGY | SOLVING THE IMPOSSIBLE

Oceanit's Science & Technology team identifies impactful problems and develops groundbreaking, transdisciplinary solutions on the jagged edge of science. The team of scientists, engineers, academics, and MD's are delivering a better future for the world. We are pioneering a new model of innovation: driving breakthrough technologies from Mind to Market: shepherding radical ideas from theory, to field trial prototypes, and onward to real-world applications.

Our interdisciplinary projects blend disciplines, cross-pollinate ideas, and deliver human-centered solutions. We seek to develop, sustain, and continually improve-upon technologically superior products & services across diverse industries.
Our expertise includes:

- Nanotechnology & Materials
- Artificial intelligence
- Sensors & Communications
- Computer Vision & Software
- Life Sciences: therapeutics & treatments
- Aerospace & Defense
- Energy, oil & gas
- IoT

Nanotechnology

Oceanit has developed a range of nanocomposite materials which impact many industries. These materials have a broad spectrum of advanced functions like self-healing, wettability, hydrophobicity, ice-phobicity, oleophobicity and more.

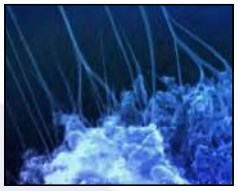
Artificial Intelligence

Oceanit is delivering groundbreaking work in the field of Artificial Intelligence; not just machine learning and neural nets, but next generation 'anthronoetic,' or "human-style" cognition based on moral linguistics. We call this AI "NoME": Noetic Mathematical Engine.

Sensors & Communication

Smart material sensors, precision tracking, advanced mesh networks, and global positioning are just a few of the sensor & communication technologies worked on at Oceanit, that impact industries such as Defense, Energy, Transportation, and more.

Life Sciences



Life sciences at Oceanit encompasses research, development, technology transfer and commercialization of medical products and devices. We bring together work in Nanotechnology, Software & Sensors to develop novel approaches to life-saving problems.

Computer Vision

Oceanit is pioneering ways to make computer vision processing easy and intuitive. The in-house developed Versatile Image Processing Architecture (VIPA) enables rapid prototyping and fluid creative processes through an intuitive user interface; ingesting data from a variety of disparate sources.

Industrial Innovations

Oceanit is developing a host of advanced technologies for the industrial sector. From flexible fuel cells and batteries to noise-reducing blast nozzles and advanced metal plating systems, our engineering and scientists are bringing their combined expertise to deliver cutting-edge industrial sector solutions.

Appendix C
Proof of Company Insurance
Certificate of Vendor Compliance

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY): 11/14/2024

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	CONTACT NAME: William Sandkuhler	
Atlas Insurance Agency, Inc. 201 Merchant Street Suite 1100 Honolulu HI 96813	PHONE (A/C, No, Ext): (808) 533-3222	FAX (A/C, No): (808) 533-8777
	E-MAIL ADDRESS:	

INSURED	INSURER(S) AFFORDING COVERAGE	NAIC #
Oceanit Laboratories, Inc. 828 Fort Street Mall, Suite 600 Honolulu HI 96813	INSURER A : *Crum & Forster Specialty Insurance Comp	44520
	INSURER B : National Interstate Insurance Co. of HI	11051
	INSURER C : **Carolina Casualty Insurance Company	10510
	INSURER D : *Broker: NMF Insurance Inc	
	INSURER E : **Broker: Amwins Insurance Brokerage, LLC	
	INSURER F :	

COVERAGES **CERTIFICATE NUMBER:** 24-25 CCG3 **REVISION NUMBER:**

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS	
A	[X] COMMERCIAL GENERAL LIABILITY [ ] CLAIMS-MADE [X] OCCUR [X] Professional Liability [ ] GEN'L AGGREGATE LIMIT APPLIES PER: [ ] POLICY [ ] PRO-JECT [ ] LOC [ ] OTHER:			This insurance contract is issued by an Insurer which is not licensed by the State of Hawaii and is not subject to its regulation or examination. If the Insurer is found insolvent, claims under this contract are not covered by any guaranty fund of the State of Hawaii. *EPK149427 Broker Name: NMF Insurance Inc. License #118063 Address: 1022 Bethel Street. Suite 100, Honolulu, Hawaii 96813	11/13/2024	11/13/2025	EACH OCCURRENCE DAMAGE TO RENTED PREMISES (Ea occurrence) MED EXP (Any one person) PERSONAL & ADV INJURY GENERAL AGGREGATE PRODUCTS - COMP/OP AGG Professional Liability	$ 1,000,000 $ 300,000 $ 25,000 $ 1,000,000 $ 2,000,000 $ 2,000,000 $ 1,000,000
B	AUTOMOBILE LIABILITY [X] ANY AUTO [ ] OWNED AUTOS ONLY [ ] SCHEDULED AUTOS [X] HIRED AUTOS ONLY [X] NON-OWNED AUTOS ONLY			CAH000866300	11/13/2024	11/13/2025	COMBINED SINGLE LIMIT (Ea accident) BODILY INJURY (Per person) BODILY INJURY (Per accident) PROPERTY DAMAGE (Per accident)	$ $ 1,000,000 $ 1,000,000 $ 1,000,000 $
	[ ] UMBRELLA LIAB [ ] OCCUR [ ] EXCESS LIAB [ ] CLAIMS-MADE [ ] DED [ ] RETENTION $						EACH OCCURRENCE AGGREGATE	$ $ $
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? Y / N [ ] (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	N / A		**KEY0162361	11/13/2024	11/13/2025	[X] PER STATUTE [ ] OTH-ER E.L. EACH ACCIDENT E.L. DISEASE - EA EMPLOYEE E.L. DISEASE - POLICY LIMIT	 $ 500,000 $ 500,000 $ 500,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)

Proof of insurance certificate provided for coverages indicated.

CERTIFICATE HOLDER

Oceanit Laboratories, Inc.
828 Fort Street Mall, Ste 600
Honolulu HI 96813-0000

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

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: **OCEANIT LABORATORIES, INC.**

DBA/Trade Name: **OCEANIT LABORATORIES, INC.**

Issue Date: **05/02/2025**

Status: **Compliant**

Hawaii Tax#: 20369234-01
New Hawaii Tax#:
FEIN/SSN#: XX-XXX8128
UI#: XXXXXX6037
DCCA FILE#: 60203

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