



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS

June 27, 2025
Letter No. 69995
Reference No. 225-602

Ms. Kehaulani M. Costa, Administrator
Office of Housing and Community Development
County of Hawaii
1990 Kinoole Street, Suite 102
Hilo, Hawaii 96720

Subject: Notice to Providers of Professional Services
Fiscal Year 2025 - 2026 Projects

Dear Ms. Costa:

Okahara and Associates, Inc. (Okahara) is interested in providing the following Professional Services for Fiscal Year 2025-2026 County of Hawaii Office of Housing and Community Development projects.

**OH.1) COMMUNITY PLANNING (COMMUNITY ENGAGEMENT,
STRATEGIC PLANNING)**
OH.2) COMMUNITY PLANNING (ENVIRONMENTAL ASSESSMENT)

Okahara is a multi-disciplined (civil and mechanical engineering and landscape architectural) consulting engineering firm, which has been doing business in Hawaii for 46 years. Presently, we have a total staff of 38, including 8 licensed civil engineers, 3 licensed mechanical engineers and 1 licensed landscape architect.

Okahara's main office is located at 200 Kohola Street, Hilo, Hawaii 96720 and our branch office is located at 201 Merchant Street, Suite 1650, Honolulu, HI 96813.

The following are enclosed for your review, as requested in the Notice to Providers of Professional services:

1. Name of firm, principal place of business, and location of all offices
2. Age of the firm and average number of employees over the past year
3. Education, training, and qualifications of key members of the firm (Resumes)
4. List of Recent County of Hawaii projects
5. Client References (up to five, two of which services were rendered in the past year)
6. DPW Form 120

Hilo Office: 200 Kohola Street • Hilo, HI 96720-4323 • Phone: (808) 961-5527
Honolulu Office: 201 Merchant Street • Suite 1650 • Honolulu, HI 96813-2972 • Phone: (808) 524-1224
Email: admin@okahara.com • Fax: (808) 961-5529

Ranked as one of Hawaii's Best Places to Work in 2025 by HawaiiBusiness magazine

Page 2
June 27, 2025
Letter No. 69995
Reference No. 225-602

7. Promotional or Descriptive Literature
 - A. Statement of Qualifications
 - B. Okahara Company Brochure
 - C. Current Engineer's Licenses
 - D. Letters of Recommendation and Awards
 - E. Proof of Insurance

Thank you in advance for your consideration of our firm. Please do not hesitate to call me at (808) 961-5527 should you have any questions or require additional information.

Sincerely,
Okahara and Associates, Inc.



Bruce K. Meyers
Chairman of the Board

BKM:njw

- 1. NAME OF THE FIRM, PRINCIPAL PLACE OF BUSINESS, AND LOCATION OF ALL OFFICES**



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS

Name of Firm, Principal Place of Business, and Location of Other Offices

Name of Firm: Okahara and Associates, Inc.

Principal Place of Business: Hilo Office
200 Kohola Street
Hilo, Hawaii 96720
Ph: (808) 961-5527
FAX: (808) 961-5529
E-mail: admin@okahara.com

Location of Other Offices: Honolulu Office
201 Merchant Street, Suite 1650
Honolulu, Hawaii 96813
Ph: (808) 524-1224
FAX: (808) 961-5529
E-mail: admin@okahara.com

www.okahara.com

Hilo Office: 200 Kohola Street • Hilo, HI 96720-4323 • Phone: (808) 961-5527
Honolulu Office: 201 Merchant Street • Suite 1650 • Honolulu, HI 96813-2972 • Phone: (808) 524-1224
Email: admin@okahara.com • Fax: (808) 961-5529

Ranked as one of Hawaii's Best Places to Work in 2025 by Hawaii Business Magazine

**2. AGE OF THE FIRM AND AVERAGE NUMBER
OF EMPLOYEES OVER THE PAST FIVE YEARS**



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS

Age of Firm and Average Number of Employees Over the Past Three Years

Okahara and Associates, Inc. was established in 1979 and has been doing business for 46 years in the State of Hawaii. The average number of employees over the past three years has been 36.

Hilo Office: 200 Kohola Street • Hilo, HI 96720-4323 • Phone: (808) 961-5527
Honolulu Office: 201 Merchant Street • Suite 1650 • Honolulu, HI 96813-2972 • Phone: (808) 524-1224
Email: admin@okahara.com • Fax: (808) 961-5529

Ranked as one of Hawaii's Best Places to Work in 2025 by Hawaii Business Magazine

**3. EDUCATION, TRAINING, AND
QUALIFICATIONS OF KEY MEMBERS OF
THE FIRM
(Resumes)**



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Tyson T. Toyama, P.E.

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:

- ***Kahanahou Wastewater Pump Station Upgrade, Kaneohe, Hawaii:*** Project Manager and Mechanical Engineer for this project to provide planning and design services. Planning services included preparing a Design Alternatives Report that evaluated hydraulic, structural, architectural, mechanical and electrical related problems with the WWPS and provided recommended alternatives to address identified problems. Design services included implementing the recommendations and involved replacing all the pump station piping and pumps, SCADA system, emergency power systems, electrical service and force main. Mechanical scope of work included designing for replacement submersible dry well pumps, sump pumps, piping, emergency generator accessories, aboveground fuel tank system, and HVAC systems. Post design services will include updating the O&M Manual and Spill Response Procedures Manual. WWPS Construction Cost: \$4.1M (Excludes New Force Main Cost).
- ***Waikalua Wastewater Pump Station Upgrade, Kaneohe, Hawaii:*** Project Manager and Mechanical Engineer for this project to provide planning and design services. Planning services included preparing a Design Alternatives Report that evaluated hydraulic, structural, architectural, mechanical and electrical related problems with the WWPS and provided recommended alternatives to address identified problems. Design services included implementing the recommendations and involved replacing all the pump station piping and pumps, SCADA system, emergency power systems, and electrical service. Mechanical scope of work included designing for replacement submersible dry well pumps, sump pumps, piping, emergency generator accessories, underground fuel tank system modifications, and HVAC systems. Post design services will include updating the O&M Manual and Spill Response Procedures Manual. Construction Cost: \$2.8M.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Charles L. Jury, P.E.
Vice President
Senior Civil Engineer

EDUCATION: University of Hawaii at Manoa, 2005, B.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 13190, CWPPP, ESCP Coordinator

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2018 - Present

Duties: Scoping, project management, planning and designing of various civil engineering projects, including site development, roadway/highway designs, utility design, master planning, and accessibility improvements.

(2015-2018) The Limtiaco Consulting Group
(2002-2015) Akinaka & Associates, Ltd.

PROFESSIONAL MEMBERSHIPS: American Council of Engineering Companies of Hawaii, American Society of Civil Engineers, American Water Works Association

SELECTED PROJECT EXPERIENCE:

- **Queen's Gate Association Roadway Resurfacing:** Mr. Jury's role was Project Manager providing design and construction administrative services. Scope included rehabilitation and reconstruction of ~3,900 L.F. of roadway rehab and rehabilitation. Project design included paving fabric and modified binder, at the request of the client. Cost: \$1,200,000.
- **Queen's Medical Center – North Hawai'i Community Hospital, Kamuela, Hawai'i:** Project Manager for civil site improvements including AC reconstruction and pavement striping, parking and access aisle signage for ADA compliance, new ADA curb ramps, replacement of an ADA curb ramp near the emergency room, and a new CMU wall. Duties included preparation of construction documents and construction cost estimates for proposed improvements, project coordination, and services during bidding and construction.
- **Maui Office Annex Building, Wailuku, Maui:** Civil Engineer to provide design services for site improvements and the construction of a new office building. Services included preparation of construction documents for a new single-story building, asphalt concrete paving and pavement, and utilities (sewer, water, electrical); coordination with client and project team; and services during bidding and construction.
- **Wilhelmina Rise 811' Reservoir Replacement, Oahu:** BWS - Development of civil plans, specifications, and cost estimate for a 426,000 gallon reservoir replacement. Civil design included specifying temporary tank, development of temporary and new replacement tank sites, project phasing to construct, reports and permitting.
- **Dept. of Parks and Recreation, Magic Sands Park ADA Improvements, North Kona, Hawaii:** Prime consultant and Project Manager for design of site improvements in support of 2 new 700 sf comfort stations to eliminate ADA barriers. Comfort stations are located within FEMA Floodway and Coastal High Hazard Zones. Services included preparation of plans, specifications, cost estimate and permitting.
- **Awa Street Wastewater Pump Station and Force Main, Honolulu, Hawaii:** Project Manager, for the design of Approx. 6,000 LF of new 54-inch and 42-inch gravity sewer lines installation using microtunneling and open trench. Mr. Jury's role was Project Manager of design team during construction. Services included assistance to CM, contractor and City in obtaining construction specific permits, including permits to handle contaminated soils, traffic control plans, and HECO utility relocations. Estimated construction cost: \$90 mil.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Matthew K. Fujioka,
P.E., M.S.
Vice President
Senior Civil Engineer

EDUCATION: University of Hawaii at Manoa,
B.S. and M.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of
Hawaii, Civil Engineer, License No. 11473

PROFESSIONAL MEMBERSHIPS: ASCE,
Engineering Alumni Assoc. of University of
Hawaii

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2023 - Present

Duties: Manager of the Oahu Civil
Dept., scoping, project management,
planning and designing of civil
engineering projects, including utility
systems, infrastructure design, highway
and roadway design.

(2017-2023) Bow Engineering &
Development, Inc., Chief Engineer

(2009-2017) Wilson Okamoto, Associate
Director

(1999-2009) Akinaka & Associates, Ltd.,
Vice President

SELECTED PROJECT EXPERIENCE:

- ***HDOT Highways Division, Interstate H-1 Pearl City and Waimalu Viaduct Improvements, Phase 1 and PM Contraflow Lane, Phase 2, Oahu, Hawaii:*** Prime design consultant project manager under the design build Contractor. Responsible for managing all subconsultants and civil engineering design of roadway improvements to add an additional Westbound lane on H-1. Design included AASHTO geometric design, guardrails, drainage, graded slope protection, and other ancillary tasks.
- ***US Army Corps of Engineers, PMRF Kamokala Road Roadway Structural and Pavement Repairs, Kauai, Hawaii:*** Prime design consultant project manager under the design build Contractor. Responsible for managing all subconsultants and civil engineering design of roadway widening and shoulder improvements. Design included pavement design, grading for road widening, drainage improvements, graded slope protection, and other ancillary tasks.
- ***Hokuala Resort, Various Subdivisions and Infrastructure Improvements, Kauai, Hawaii:*** Served as civil engineering design consultant for various projects and reports needed by the Hokuala Resort. Design responsibilities included Water and Drainage Master Plans, interior roadways, driveway connection to Kapule Highway, subdivision roads, grading, and utilities, permitting, and overall support of the property development and construction.
- ***Mark Development/County of Kauai, Koa'e Makana Workforce Housing, Kauai, Hawaii:*** Served as civil engineering design consultant for construction of new 134 unit workforce housing development. Design included site grading, parking lot, utilities (water, drain, sewer), and driveway connection to Poipu Road. Waikomo Stream runs adjacent to the project and the project needed to address flood concerns of the new development.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Bruce K. Meyers, P.E.
Chairman of the Board
Senior Civil Engineer

EDUCATION: Brigham Young University, 1989, B.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 8336

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 1990 - Present

Duties: Scoping, project management, planning and designing subdivisions, site development, roadways, highways, hydrology/hydraulics, water systems, wastewater lines, maintenance and repair projects, construction administration, and construction permits.

PROFESSIONAL MEMBERSHIPS: American Council of Engineering Companies of Hawaii, American Society of Civil Engineers, American Water Works Association

SELECTED PROJECT EXPERIENCE:

- **Awa Street Wastewater Pump Station and Force Main, Honolulu, Hawaii:** Prepared design documents for Approx. 6,000 LF of new 54-inch and 42-inch gravity sewer lines installation using microtunneling and open trench. Mr. Meyers' role was Project Manager of design team. Estimated construction cost: \$90 mil.
- **Kahanahou Wastewater Pump Station and Force Main, Honolulu, Hawaii:** Oversee the preparation of planning and design documents for the upgrade of Kahanahou Wastewater Pump Station and Force Main. Estimated construction cost: \$16 mil (10" force main and 8" gravity main). Mr. Meyers' role was project manager.
- **Alii Drive Culvert Replacement, Bridge No. 75-4, Structure No. 0017500011008, Alii Drive, Kailua-Kona, Hawaii, Federal Aid Project No. STP-0186(1):** Prepared civil design documents in support of replacing a functionally deficient two-cell culvert with an open span concrete bridge. Civil design work involved water line relocations, sewer line relocation, channel hydraulic modeling and construction, traffic control, and roadway reconstruction and paving. Civil design work performed in accordance with environmental rules and regulations for doing work within Waters of the U.S. and adjacent to the Pacific Ocean shoreline, and involved obtaining NPDES and USACE permits and 401 Water Quality Certification. Mr. Meyers' role was civil engineering project management.
- **Keaukaha Sewer Line – Desha Avenue, Department of Hawaiian Home Lands:** Okahara was the prime and civil consultant on this project. The improvements included installing 550 feet of 8-inch gravity sewer line, sewer manholes, and laterals. During construction, it was discovered that the existing waterline was constructed very shallow with only 6-inches of cover in some locations, which interfered with the new sewer line's vertical alignment. Okahara worked with the Department of Water Supply to successfully reroute the waterline.
- **Wailani Development Project, Hilo, Hawaii:** Prepared sewer study to determine the capacity of the Ainako-Lower Kaumana tributary for the new 172-acre Wailani Development. This involved loading all occupied and vacant parcels in the tributary based on the current zoning for each parcel, applying current sewer system standards to estimate the generated flows for each parcel, and determining the capacity of all pipe runs based on as-built information provided by the County. The estimated volume from the Wailani Development for Phase 1 and for full build out was incorporated into the study to determine what parts of the existing system requires upgrading. Several pipe runs were identified for upsizing.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Gregg H. Kuwahara,
P.E.
Senior Associate
Senior Civil Engineer

EDUCATION: University of Southern California, 2004, B.S. in Aerospace Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 14522

PROFESSIONAL MEMBERSHIPS: American Council of Engineering Companies of Hawaii

SELECTED PROJECT EXPERIENCE:

- ***Lanikai Properties, Lanikai Street Extension, Kaula'ili Street & Kimo Drive, Kailua-Kona, Hawaii:*** Prime consultant and project manager for multidisciplinary team for preparation of plans, specifications, and cost estimate for 3,600 linear feet of roadway.
- ***State of Hawaii Dept. of Transportation Airports Division, Ewa and DH Concourse 2nd and 3rd Level Roadway Improvements at Daniel K. Inouye International Airport, Honolulu, Hawaii:*** Civil project manager for development of roadway improvements at Daniel K. Inouye International Airport. Preparation of plans, specifications, and cost estimate.
- ***County of Kauai Dept. of Public Works, Kapahi Stream Bridge/Replacement, Kauai, Hawaii:*** Civil engineer for the repair or replacement of Kapahi Stream Bridge, a single-lane structure eligible to be considered a historic structure. Preparation of plans, specifications, and cost estimate. Design included bridge approaches, bid and construction support. Project was successfully constructed.
- ***County of Kauai Dept. of Public Works, Puuopae Stream Bridge/Replacement, Kauai, Hawaii:*** Civil engineer for the repair or replacement of Puuopae Stream Bridge, a single-lane structure eligible to be considered a historic structure. Preparation of plans, specifications, and cost estimate. Design included bridge approaches, waterline realignment, bid and construction support. Project was successfully constructed.
- ***County of Kauai Dept. of Public Works, Opaekaa Stream Bridge/Replacement, Kauai, Hawaii:*** Civil engineer for the repair or replacement of Opaekaa Stream Bridge, a single-lane structure eligible to be considered a historic structure. Preparation of plans, specifications, and cost estimate. Design included bridge approaches, waterline realignment, bid and construction support. Project was successfully constructed.

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2021 - Present

Duties: Scoping, project management, planning and designing of various civil engineering projects, including site development, roadway/highway designs, utility design, master planning, and accessibility improvements.

(2012-2021) Akinaka & Associates, Ltd.

(2006-2012) Wilson Okamoto Corporation



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Norman S.H. Leong, P.E.

Associate II

Senior Civil Engineer

CESCPP, CWPPP, ESCP

EDUCATION: University of Hawaii at Manoa, 2008, B.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 15285

PROFESSIONAL MEMBERSHIPS: American Society of Civil Engineers

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2021 - Present

Duties: Project management and designing of various civil engineering projects, including roadway/highway designs, site development, utility design, and accessibility improvements.

(2020-2021) SSFM International, Inc.

(2008-2020) Wesley Segawa & Associates, Inc.

SELECTED PROJECT EXPERIENCE:

- ***State of Hawaii, Department of Transportation (HDOT) Highways Division, Pali Highway Resurfacing and Lighting Replacement, Oahu, Hawaii:*** Civil engineer for the resurfacing of Pali Highway for a five mile stretch from Waokanaka Street to Kamehameha Highway. Design included reconstruction of weakened pavement, guardrail replacement, single slope median barrier design, signing and striping, highway lighting replacement, and historic preservation of the bridges past the Nuuanu Pali tunnels. Project cost was \$64 million.
- ***HDOT Highways Division, Pali Highway Resurfacing, Vineyard Blvd. to Waokanaka St., Oahu, Hawaii:*** Civil engineer for the resurfacing of 2.7 miles along Pali Highway. Design included reconstruction of weakened pavement, guardrail and end treatment replacement, signing and striping, replacement of non-ADA compliant curb ramps, and coordination with City and County DTS. Project cost was \$40 million.
- ***HDOT Highways Division, Kawailii Stream Bridge Replacement, Hamakua, Hawaii:*** Civil engineer for the replacement of Kawailii Stream Bridge following the 2006 earthquake. Design included stream stabilization with GRP and riprap, new guardrails and bike railings, waterline replacement, and removal of temporary bypass road and acrow bridge.
- ***HDOT Highways Division, Interstate H-1 Pearl City and Waimalu Viaduct Improvements, Phase 1 and PM Contraflow Lane, Phase 2, Oahu, Hawaii:*** Project coordinator for the Quality Control team under the design build Contractor. Duties included establishing QC procedures, construction administration services, and review of construction drawings.
- ***HDOT Highways Division, Kuakini Highway Roadway and Drainage Improvements, Units 1 and 2, Kona, Hawaii:*** Civil engineer for the pavement reconstruction and drainage improvements along Kuakini Highway. Design included revising the cross slopes to updated standards, guardrail replacement and signing and striping.
- ***HDOT Highways Division, Mamalahoa Highway Safety Improvements, Kona, Hawaii:*** Project manager for various safety improvements along a 7-mile stretch. Design includes evaluation of road curves, need for guardrails and shoulder widening. Project is ongoing.
- ***County of Hawaii Department of Public Works Engineering Division, Mamalahoa Highway Resurfacing, Kona, Hawaii (Fed Aid):*** Project manager for the pavement resurfacing of three miles along Route 180. Design includes resurfacing, signing and striping, and raised mid-block crosswalks.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Kiu Chor Francis Cheng, P.E.

**Associate II
Mechanical Engineer**

EXPERIENCE:

Company: Okahara and Associates, Inc.
Date: 2014-Present
Title: Mechanical Engineer
Duties: Design of commercial / industrial mechanical engineering projects including air conditioning, ventilation, heating, plumbing, pumps and water supply systems.

EDUCATION:

University of Hawaii at Manoa, 2014
B.S. in Mechanical Engineering

PROFESSIONAL REGISTRATION:

State of Hawaii, Mechanical Engineer, License No. 19245

SELECTED PROJECT EXPERIENCE:

- < **Kahanahou Wastewater Pump Station and Force Main, Kaneohe, Hawaii:** Project Manager and Mechanical Engineer for this project responsible for preparation of design documents for the upgrade of Kahanahou Wastewater Pump Station and Force Main. Project scope of work included replacing with higher capacity sewage pumps sized for increased demand, new meter vault with flow diversion capability, new generator building, and supporting controls and other pump station improvements. Project scope of work also triggered coordination with neighborhood board and Hawaiian Electric Company to ensure that substantial completion was achieved by consent decree deadline. Approximate cost: \$4,100,000.
- < **Kalanimoku Building Replace Chillers, Cooling Towers, and AHUs, Honolulu, Hawaii:** Co-Project Manager and Mechanical Engineer for this project responsible for preparation of design documents to replace existing water-cooled chiller plant with new roof-mounted air-cooled chillers, replace chilled water AHUs/FCUs, chilled water pipe insulation, and garage exhaust fans with minimal facility downtime to protect sensitive equipment and operations. Approximate cost: \$7,800,000.
- < **Mililani Mauka Elementary School Chiller Plant Replacement, Mililani, Hawaii:** Project Manager and Mechanical Engineer for this project responsible for preparation of design documents to replace chiller plant and add new isolation valve boxes to improve the chilled water system serving the campus. Mechanical phasing plan was developed to limit chilled water outages to two business days. Project scope of work was expanded during construction to identify and replace leaking buried chilled water pipe segments around school campus. Approximate combined cost: \$3,200,000.
- < **NAS Swimming Pool Accessibility Improvements & Repairs, Hilo, Hawaii:** Co-Project Manager and Mechanical Engineer for this project responsible for preparation of design documents to replace pool circulation equipment and add new air conditioning for new classroom at NAS Swimming Pool. Project scope of work included demolishing existing pool building and constructing new, larger, pool building with new pool equipment room, restroom facilities, and air-conditioned classroom, replacement of pool circulation system inclusive of circulation piping and pumps, filters, and water treatment system. Approximate cost: \$5,700,000.
- < **Army Aviation Support Facility (AASF) Building 30 Kalaeloa Improvements, Kapolei, Hawaii:** Mechanical Engineer for this project responsible for preparation of design documents to install new wash rack to wash military land and air vehicles at AASF Building 30 at Kalaeloa, Hawaii. Mechanical scope of work includes installation of water cannon system, pressure washer system, foamer system, and drainage system with diverter valve and oil-water separator to support four wash rack stations. Approximate cost: \$3,900,000.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Jason C. Soriano

Associate II / Mechanical Designer

EXPERIENCE:

Company: Okahara and Associates, Inc.
Date: 2010 – Present
Duties: Design of commercial / municipal / industrial mechanical engineering projects including HVAC, plumbing and fuel systems.

EDUCATION:

Eastern Washington University
B.S. Mechanical Engineering Technology, 2009

PROFESSIONAL AFFILIATIONS:

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) – Member and Hawaii Chapter Committee Chair.

SELECTED PROJECT EXPERIENCE:

- < **Island Colony, DWV Replacement, Honolulu, Hawaii:** Lead Mechanical Designer responsible for preparation of permit/design documents to replace aboveground sewer and storm drain piping serving 745 condominium units located in one, 43-story high rise tower. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, storm drain piping, water closets, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design was completed in 2024. Construction is scheduled to be completed in 2024. Mechanical construction cost: \$10,500,000.
- < **The Piikoi Atrium, DWV Pipe Replacement Project, Honolulu, Hawaii:** Lead Mechanical Designer responsible for preparation of permit/design documents to replace aboveground sewer piping serving 60 condominium units located in one, 7-story high rise tower. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, storm drain piping, water closets, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023 and 2024 respectively. Mechanical construction cost: \$1,800,000.
- < **The Belvedere, DWV Pipe Replacement, Honolulu, Hawaii (Design-Build):** Mechanical Project Manager responsible for preparation of permit documents to replace aboveground sewer and storm drain piping serving 22 condominium units located in one, 3-story building. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, storm drain piping, backflow preventer, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023.
- < **Sea View, DWV Pipe Replacement, Honolulu, Hawaii (Design-Build):** Mechanical Project Manager responsible for preparation of permit documents to replace aboveground sewer piping serving 33 condominium units located in one, 4-story building. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, backflow preventer, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023.
- < **Princeville Sealodge Phase 1, DWV Pipe Replacement, Princeville, Hawaii (Design-Build):** Mechanical Project Manager responsible for preparation of permit documents to replace above and underground sewer piping serving 50 condominium units located in five, 3-story buildings. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, water closets, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design was completed in 2022. Construction was cancelled for value engineering.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Cody A. Miprano, P.E.
Associate I
Civil Engineer

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2015 - Present

Duties: Project management, design of civil engineering projects for site development, roadways and intersections, drainage systems, sewer systems, water distribution systems and hydraulic modeling, deep well pumps and booster pumps, and master planning.

EDUCATION: University of Hawaii at Manoa, 2015, B.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 19249

PROFESSIONAL MEMBERSHIPS: American Water Works Association

SELECTED PROJECT EXPERIENCE:

- **Department of Transportation Harbors Division, Water Master Plan at Hilo Harbor, DOT-H Contract No. 67251, Hilo, Hawaii:** Civil Engineer responsible for the background investigation of available records, mapping, reports, and geospatial data; hydraulic analysis of the existing water system within Hilo Harbor and Department of Water Supply's water system feeding Hilo Harbor; and the preparation of a Water Master Plan for the removal of the existing Water Tower and connecting to the Department of Water Supply's water system.
- **Department of Land and Natural Resources, Division of Boating and Ocean Recreation, Kawaihae Small Boat Harbor Paving Improvements, Kawaihae, Hawaii:** Civil Engineer for preparation of plans, specifications, and cost estimate for drainage improvements and repaving of the small boat harbor.
- **Wahiawa Water System Improvements Part 1, Wahiawa, Oahu, Hawaii:** Civil Engineer responsible for the preparation of design documents and providing engineering services during construction for the installation of approximately 12,470 linear feet of water main varying in pipe diameters from 4-inches to 12-inches, 43 fire hydrants, and water service lateral replacements.
- **Wailani Development – Water Master Plan, Hilo, Hawaii:** Civil engineer responsible for determining the impact of the future development to the existing county water system. Scope of work included estimating water demand for the future 160-acre development (inclusive of a business park, commercially zoned lots, and residential zoned lots), background investigation and identification of the existing county water system, hydraulic modeling, and an assessment of the new water system with alternatives.
- **Napu'u Water Inc. – Water System Improvements, Pu'uanaulu, Hawaii:** Project manager and civil engineer responsible for identifying water system deficiencies, recommending solutions, and implementing recommendations. Scope of work included an engineering evaluation report, consultation with applicable environmental authorities for the approval of proposed work, preparation of design documents, and applying for necessary permits. Recommendations included installation of pressure reducing valve stations to existing water distribution system, a waterline bypass, deep well pump replacement, and well pump motor control equipment replacement.
- **Panaewa Lot 185 Subdivision, Hilo, Hawaii:** Project manager and civil engineer for the development of a 10-acre parcel into a 16-lot subdivision with 1,600 feet of county decidable roadways. Design included road design, intersection design, 6-inch water main installation to Department of Water Supply standards, drainage system (2 drywells, 13 drain sumps, and 16 retention swales), and a 2-inch gas main and storage tank to Hawaii Gas standards.



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Alan H. Nishimura,
P.E.
Associate I
Civil Engineer

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2008 - Present

Duties: Design, permitting, and project management of various civil engineering projects, including site development, utility design, and accessibility improvements.

EDUCATION: University of Portland, 2008,
B.S. in Civil Engineering

PROFESSIONAL REGISTRATION: State of Hawaii, Civil Engineer, License No. 15517,
Erosion and Sediment Control Plan (ESCP) Coordinator, Certified Water Pollution Plan Preparer (CWPPP), and Certified Erosion and Sediment Control Plan Preparer (CESCPP)

SELECTED PROJECT EXPERIENCE:

- ***Puako Boat Ramp Drainage and Paving Improvements, South Kohala, HI:***
 - Role: Civil Engineer, Prime Consultant
 - Scope: Design of a new asphalt concrete parking lot and entrance driveway, parking lot striping, accessibility improvements, and reinforced concrete pavement boat wash down area at an existing boat ramp facility. Tasks included preparing design documents, completing a drainage study, and processing environmental and regulatory permits for agency review and approval. Project construction completed November 2020.
- ***Hawaii Army National Guard Army Aviation Support Facility Building 30 Job No: CA-1825-C, Kapolei, HI:***
 - Role: Civil Engineer, Prime Consultant
 - Scope: The Civil project scope of work involved the design of a concrete vehicle and chinook wash rack with four (4) concrete wash stations and adjacent A.C. Pavement areas and water, sewer, and drainage utilities. Tasks included preparing design documents, processing environmental and regulatory permits for agency review and approval, and reviewing Construction Submittals and Requests for Information. Project construction completed August 2022.
- ***Awa Street Wastewater Pump Station Force Main and Sewer System Improvements Waiakamilo Road Trunk Sewer, Honolulu, HI:***
 - Role: Civil Engineer, Prime Consultant
 - Scope: Design of approximately 5,942 linear feet of gravity sewer line located in Kalihi. Tasks included developing Traffic Control and Detour Plans for numerous Work Zones along the project alignment, processing environmental and regulatory permits for agency review and approval, preparing Erosion and Sediment Control Plans, and reviewing Construction Submittals and Requests for Information. Project construction approximately 90% complete July 2022.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Joel S. Nakamoto, P.E.

**Senior Associate
Senior Civil Engineer**

EDUCATION: University of California, Irvine, 1993, BSCE Magna Cum Laude - Civil Engineering.

PROFESSIONAL REGISTRATION:
State of Hawaii, Civil Engineer, License No. 9895

SELECTED PROJECT EXPERIENCE:

- < **Puainako Street Extension:** Prepared design documents for 4.77 miles of new roadway including route study, E.I.S., horizontal/vertical alignment, signalized intersection design, and hydrology and hydraulic design. Mr. Nakamoto assisted in the design. This was a County of Hawaii, federal aid project.
- < **Debris Removal and Immediate Emergency Repairs at Various Locations on Hawaii, ER-15 (4) for Mamalahoa Highway (Route 190):** Performed field assessments and prepared design documents to repair highway damage due to the magnitude 6.7 earthquake in October 2006. Worked closely with HDOT to assess damage and establish work priorities, scope, traffic control and schedules for completion to ensure public safety. Coordinate survey and geotechnical sub-consultants and obtained right-of-way entries. Mr. Nakamoto's role was civil engineering designer.
- < **Keaukaha Military Reservation Joint Military Center, Phase I:** Prepared design documents for 19.34 acres of site development including civil design to support six medium to large size buildings. This work included designing septic, water, and drainage systems, site grading, AC and PCC parking, internal roads, providing engineering reports, LEED support, and obtaining applicable permits. Mr. Nakamoto assisted in the design.
- < **HI State Route 200 - Saddle Road 200(2), HI-A-AD-6(4) State Route 200, HI-A-AD-6(3) State Route 200 - Saddle Road & HI 200(1) - East Alignment, Big Island, Hawaii:** Prepared design documents for 26.5 miles of new roadway consisting of earthwork, utilities, and drainage in accordance with State and Federal highway design standards. Scope of work included geotechnical, aerial and ground surveys, highway, hydrologic and hydraulic design, coordination with government agencies, NPDES, CDUP, and grading permits. Mr. Nakamoto assisted in the design.

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 1997 - Present

Duties: Civil engineer/designer of various civil engineering projects, including site development, roadway/highway designs, drainage reports, intersection design, and construction management support. In-house quality assurance and quality control reviews.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Antonio D.Y. Isom, P.E., CEM

Associate I / Mechanical Engineer

EXPERIENCE

Company: Okahara and Associates, Inc.
Date: 2019 - Present
Title: Mechanical Engineer
Duties: Design of educational / commercial mechanical engineering projects including HVAC, plumbing, fuel, pumps and water supply systems.

EDUCATION: George Fox University, Newberg, Oregon, 2019,
B.S., Mechanical Engineering

PROFESSIONAL REGISTRATIONS:

State of Hawaii, Mechanical Engineer, License No. 20808
Association of Energy Engineers, Certified Energy Manager, Certificate No. 27949

PROFESSIONAL AFFILIATION:

American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE), Hawaii Chapter, Government Affairs Committee Chair (2024-2025), Student Activities Chair (2021-2023, 2024-2025)

SELECTED PROJECT EXPERIENCE:

- **University of Hawaii at Manoa, Waiakea Research Station, Panaewa, Hawaii:** Mechanical Engineer responsible for the preparation of assessment and design documents. The first phase of the project involved conducting a facility condition assessment of 38 buildings. Phase 1 mechanical scope of work included assessing the condition of selected mechanical systems, providing a summary of findings, a list of recommended improvements and associated opinions of probable construction cost. The second phase of the project involved implementing the recommended improvements. Phase 2 mechanical scope of work included designing various plumbing, HVAC and fuel system improvements in 14 buildings. Approximate mechanical construction cost: \$750,000.
- **Department of Corrections and Rehabilitation, Facilities Statewide Sustainability Master Plan, Various Locations, Hawaii:** Mechanical Engineer responsible for the preparation of a sustainability master plan for all DCR facilities throughout the state. The mechanical effort focused on a two step process whereby Step One focused on fixing all critical systems immediately, and Step Two focused on optimizing mechanical systems. Mechanical scope of work included preparing a facilities conditions assessment report and an energy management plan complete with recommendations and costs.
- **State of Hawaii, Department of Education, Heat Abatement, GEMS, ACER and Facilities Asset Management Programs, Various Locations, Hawaii:** Mechanical Engineer for various DOE R&M programs. Program responsibilities included assisting with creation of asset management tool, assessing existing mechanical systems, creating HVAC asset inventory, identifying critical projects and designing replacements for mechanical systems in critical condition. Programs spanned over 200 public schools throughout the State. Approximate mechanical construction cost: \$50,000,000+.
- **Energy Star, Various Locations, Hawaii:** Mechanical Engineer for United States Environmental Protection Agency Energy Star 2024 certification for City Financial Tower (206,695 sqft), Alii Place (350,030 sqft), Dillingham Transport Building (76,513 sqft) and Pacific Guardian Center (666,684 sqft).
- **Honolulu Medical Examiner's Office, Medical Examiner Building Improvements:** Mechanical Engineer responsible for the preparation of design documents to make various facility improvements to address deficiencies and improve overall performance. Mechanical scope of work entailed replacing HVAC, plumbing, and laboratory systems. Approximate mechanical construction cost: \$1,200,000.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Valentina Forcella,
Ph.D., E.I.T.
Associates I
Civil Designer

EDUCATION: Politecnico di Milano, 2007 B.S. and 2009 M.S. in Civil Engineering. Inter-polytechnic Ph.D. School, 2013 Dr. in Environmental and Territorial Safety and Control Engineering.

EXPERIENCE:

Company: Okahara and Associates, Inc.

Date: 2019 - Present

Duties: Civil engineer/design of various civil engineering projects, including site development, utility design, master planning, and accessibility improvements.

(2016-2019) Alfred Benesch and Co., Inc.

(2014-2016) A.W. Solutions, Inc.

PROFESSIONAL REGISTRATION:

State of Nevada, Professional Civil Engineering License No. 030447

Level II Certified Plan Reviewer GSWCC – Erosion, Pollution and Sediment Control. Cert. No. 0000085209

SELECTED PROJECT EXPERIENCE:

- ***FY21 Repair and Stabilize Failing Eroded Sections of McCornack Gulch, Schofield Barracks, Corps of Engineers.***

Oversaw the production of the construction documents to repair damaged area of McCornack Road, including slope stabilization, sidewalk and road micro-pile reinforcing, and replacing of damaged light pole. Ms. Forcella's role was project manager.

- ***FY18 Preparation of Design-Build RFP Documents for Repair Wastewater Treatment Plant Building 1228; Kwajalein Atoll, Republic of Marshall Islands, Corps of Engineers***
Prepared the Design-Build Request for Proposal documents. Provided recommendations on scope of work to fit within construction \$ limitations to provide a baseline usable facility that will keep the facility in minimum running and working condition for the next eight years in anticipation of a new wastewater treatment plant. The D-B RFP to include all narratives, specifications, basis of design, design standards, testing/permitting requirements and drawings/sketches necessary to accurately describe the repair/replacement work. Prepare cost estimates for all of the work required by the completed D-B RFP including any construction phasing and hazardous material abatement. Ms. Forcella's role was civil engineer.
- ***FY18 Preparation of 35% Design Documents for Code 2 Concept Design for Ambulatory Care Clinic, Kwajalein Atoll, Republic of Marshall Islands, Corps of Engineers***
Project scope of work included preparing 35% design for an Ambulatory Care Clinic, including site grading, paving, parking, signing and striping, and utility design. Ms. Forcella's role was civil engineer.
- ***FY17 Repair POL Pipelines and Above Ground Storage Tanks, Various Islands, Kwajalein Atoll, Republic of Marshall Islands, Corps of Engineers***
Project scope of work included developing D-B RFP documents for the repair and replacement of various fuel lines and above ground storage tanks to bring each system into full compliance with current codes and criteria. Ms. Forcella's role was civil engineer.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Kara A. Nadamoto, CEM

Mechanical

EXPERIENCE

Company: Okahara and Associates, Inc.
Date: 2020 - Present
Duties: Design of educational / commercial mechanical engineering projects including HVAC, plumbing, fuel, pumps and water supply systems.

(2017-2020) Mechanical Engineers of Hawaii Corporation

EDUCATION:

Oregon State University, Corvallis, Oregon, 2017,
B.S., Mechanical Engineering

PROFESSIONAL REGISTRATIONS:

Fundamentals of Engineering, 2018, Hawaii
Association of Energy Engineers, Certified Energy Manager, Certificate No. 28976

PROFESSIONAL AFFILIATIONS:

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) - Member
Society of Fire Protection Engineers (SFPE) - Member

SELECTED PROJECT EXPERIENCE:

- **State of Hawaii, Department of Education, Heat Abatement, GEMS, ACER and Facilities Asset Management Programs, Various Locations, Hawaii:** Mechanical Program Manager for various DOE R&M programs. Program responsibilities included assisting with creation of asset management tool, assessing existing mechanical systems, creating HVAC asset inventory, identifying critical projects and designing replacements for mechanical systems in critical condition. Programs spanned over 200 public schools throughout the State. Approximate mechanical construction cost: \$50,000,000+.
- **University of Hawaii at Manoa, Law Complex R/R HVAC, Honolulu, Hawaii:** Project Manager and Mechanical Designer responsible for preparation of design documents to replace portions of the existing HVAC system serving the University of Hawaii at Manoa (UHM) Law Complex. The design includes replacement of chilled water and DX air handling units and fan coil units, VAV boxes, DDC and standalone controls, and LED lighting. Mechanical scope of work included designing HVAC systems. Approximate total construction cost: \$3,000,000.
- **University of Hawaii at Manoa Various Buildings, Repair/Upgrade HVAC Control Systems, Honolulu, Hawaii:** Project Manager and Mechanical Designer responsible for preparation of design documents to replace and upgrade controls at eight buildings on the University of Hawaii at Manoa (UHM) campus. The design included coordinating integration of many different DDC and standalone controls into UHM's existing systems. Approximate mechanical construction cost: \$1,500,000.
- **Healthcare Association of Hawaii, Health Services Classrooms, Waiakea High School, Hilo, Hawaii:** Mechanical Designer responsible for preparation of Preliminary Design documents to convert a library into a health services classroom. Mechanical scope of work included modifying HVAC and plumbing systems. Approximate mechanical construction cost: \$500,000.
- **University of Hawaii at Manoa, Sherman Laboratory AC Renovation, Honolulu, Hawaii:** Mechanical Engineer responsible for preparation of design documents to replace the existing HVAC system serving the University of Hawaii at Manoa (UHM) Sherman Laboratory. The design includes replacement of chilled water air handling units, DDC and standalone controls. Mechanical scope of work included designing HVAC systems.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Kile K. Tanimoto
Mechanical Designer

EXPERIENCE:

Company: Okahara and Associates, Inc.
Date: 2018 – Present
Duties: Design of commercial / municipal / industrial mechanical engineering projects including HVAC, refrigeration and plumbing systems.

EDUCATION:

Rensselaer Polytechnic Institute
B.S. Magna Cum Laude, Mechanical Engineering, 2018

PROFESSIONAL REGISTRATIONS:

National Council of Examiners for Engineering and Surveying (NCEES), FE Mechanical, NCEES ID 20-055-58

PROFESSIONAL AFFILIATIONS:

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) – Member

SELECTED PROJECT EXPERIENCE:

- < **The Belvedere, DWV Pipe Replacement, Honolulu, Hawaii (Design-Build):** Lead Mechanical Designer responsible for preparation of permit documents to replace aboveground sewer and storm drain piping serving 22 condominium units located in one, 3-story building. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, storm drain piping, backflow preventer, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023.
- < **Princeville Sealodge Phase 1, DWV Pipe Replacement, Princeville, Hawaii (Design-Build):** Lead Mechanical Designer responsible for preparation of permit documents to replace above and underground sewer piping serving 50 condominium units located in five, 3-story buildings. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, water closets, water shutoff valves, plumbing fixture trim, and the installation of service cleanouts. Design was completed in 2022. Construction was cancelled for value engineering.
- < **Nuuanu Place, DWV Pipe Replacement, Honolulu, Hawaii (Design-Build):** Lead Mechanical Designer responsible for preparation of permit documents to replace aboveground sewer piping serving 20 condominium units located in two, 4-story buildings. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023.
- < **Wilder at Piikoi, Laundry Stack Replacement, Honolulu, Hawaii (Design-Build):** Lead Mechanical Designer responsible for preparation of permit documents to replace aboveground sewer piping serving 1 laundry stack in one, 30-story high rise tower. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, and the installation of service cleanouts. Design and construction were completed in 2022 and 2023 respectively.



Okahara and Associates, Inc.

CIVIL AND MECHANICAL ENGINEERING CONSULTANTS



Taylor K.C. Jenkins Mechanical Designer

EXPERIENCE:

Company: Okahara and Associates, Inc.
Date: 2020 – Present
Duties: Design of commercial / municipal mechanical engineering projects including HVAC and plumbing systems.

(2018-2020) EPC Service, Inc., Aiea, Hawaii

EDUCATION:

Rose-Hulman Institute of Technology
B.S. Summa Cum Laude, Mechanical Engineering, 2018

PROFESSIONAL AFFILIATIONS:

American Society of Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) – Member

SELECTED PROJECT EXPERIENCE:

< **Sea View, DWV Pipe Replacement, Honolulu, Hawaii (Design-Build):** Lead Mechanical Designer responsible for preparation of permit documents to replace aboveground sewer piping serving 33 condominium units located in one, 4-story building. Mechanical scope of work included designing for the replacement of aboveground sanitary sewer drain/waste/vent piping, backflow preventer, plumbing fixture trim, and the installation of service cleanouts. Design and construction were completed in 2023.

**4. LIST OF RECENT COUNTY OF HAWAII
PROJECTS**

June 27, 2025				
COUNTY OF HAWAII - PROJECTS				
TOTAL				
JOB NO.	PROJECT TITLE	FEES	Awarded	% Complete
Department of Water Supply				
221-004	Ke'ei #2 Facility Improvements	\$250,063.74	July 29, 2021	60% Prefinal Design
224-036	Professional Services Agreement for Operations Civil, Structural, and Mechanical Engineering Projects, Islandwide	\$200,000.00	July 23, 2024	56% Complete
Department of Public Works				
219-078	Civil Engineering Services for Certain Sections of Waianuenue Avenue, Kino'ole Street, and Old Mamalahoa Highway	\$580,765.00	December 12, 2019	96% - 30% Design Package, 63% - 60% Design Package, 62% - 100% Design Package, 18% Upon Opening of Bids and Upon Award of Construction Contract
220-005	Civil Engineering Services for the Waimea Trails and Greenway Project Phase 1 - Lindsey Road to Kawaihae Road	\$693,875.00	March 23, 2020	100% Topographic Survey, 100% Arborist, 97% Environmental (CATEX), 37% Structural Engineering, 92% Final Design, 68% Permits, 79% Landscape Architect
222-052	Reconstruction of Lava Inundated Roads FEMA PW53 and FEMA PW55	\$665,654.69	October 3, 2022	85% Upper/Lower Pohoiki Road, 85% Upper Hwy 127A, 50% Lower Hwy 137B, 80% Kumuhaki Lighthouse Road
222-096	PGV Radio Equipment Structure & Site Improvements	\$172,929.31	January 12, 2023	75% Mobile Radio Structure and Site Design - Banyan Networks, 59% Project Management
223-097	Waipio Valley Road Safety Improvements	\$1,261,353.48	December 28, 2023	20% Environmental Assessment, 20% Site/Civil Design, 86% Surveying
224-017	Mohouli Street Rehabilitation, Kinoole Street to Komohana Street, Job No. E-4770	\$488,854.00	February 28, 2024	89% Site/Civil Design, 85% Topographic Survey, 100% Geotechnical Engineering
224-040	Waianuenue Avenue Improvements (CDUA) Rainbow Drive to Akolea Road, Job No. E-3802	\$17,250.00	June 20, 2024	60% CDUA / Project Management/Coordination
Department of Parks & Recreation				
218-039	Ho'olulu, Aunty Sally Kaleohano's Lu'au Hale Air Conditioning Improvements	\$80,000.00	June 26, 2018	100% Preliminary Design Documents
218-045	NAS Swimming Pool and Pahala Swimming Pool Accessibility Improvements Project	\$800,000.00	Oct. 26, 2018	NAS - 90% Construction; Pahala- 100% Design, 100% Biding, 35% Construction
224-099	Kohala Swimming Pool Improvements	\$503,326.28	\$45,688.00	
Office of Housing and Community Development				
223-036	Ainako Affordable Hosuing Planning & Feasibility Studies	\$285,027.00	June 23, 2023	90% Access, Sewer & Electrical Study / 90% Traffic Management, 38% Environmental Assessment, 100% Wetlands Survey, 100% Archaeology Inventory Study, 66% Cultural Impact Assessment
223-083	PSA for Office of Housing & Community Development for Various Sites	\$265,000.00	February 15, 2024	13% Complete

5. CLIENT REFERENCES



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS

CLIENT REFERENCES

Names and Phone Numbers of at least Five (5) Clients who may be Contacted

1. City & County of Honolulu, Division of Wastewater Engineering & Construction
Division
Mr. Wesley Yokoyama, P.E., Chief
Phone: (808) 768-8790
2. State of Hawaii, Department of Public Safety
Mr. Harold Alejandro, CIP Coordinator
Phone: (808) 587-1239
3. U.S. Army Corps of Engineers, Honolulu District
Mr. Darin Aihara, P.E.
Phone: (808) 835-4211
4. Department of Hawaiian Home Lands
Land Development Division/Public Works Branch
Mr. Kelbert Yoshida
Phone: (808) 620-9287
5. State of Hawaii, Department of Educations, Auxiliary Services Branch
Mr. Christian Butt, Director
Phone: (808) 586-3452
6. County of Hawaii, Department of Public Works, Engineering Division
Mr. Alan (Keone) Thompson, Chief Engineer
Phone: (808) 961-8013
7. County of Hawaii, Department of Parks and Recreation
Mr. James Komata, Park Planner
Phone: (808) 961-8531

6. DPW FORM 120

COUNTY OF HAWAII, OFFICE OF HOUSING AND COMMUNITY DEVELOPMENT

QUESTIONNAIRE FOR ARCHITECTS, ENGINEERS AND OTHER PROFESSIONAL SERVICES

QUESTIONNAIRE FOR: (LIST DISCIPLINE) CIVIL ENGINEERING MECHANICAL ENGINEERING	OTHER QUESTIONNAIRES SUBMITTED: (LIST DISCIPLINES)	DATE 6/27/2025
FIRM NAME Okahara and Associates, Inc.	ESTABLISHED YEAR STATE 1979 HI	TYPE OF ORGANIZATION (Underline) INDIVIDUAL PARTNERSHIP <u>CORPORATION</u> JOINT VENTURE OTHER
BUSINESS ADDRESS, TELEPHONE & FAX NO. OF HAWAII OFFICE 200 Kohola Street, Hilo, Hawaii 96720 Phone (808) 961-5527 Fax (808) 961-5529	AGE OF FIRM 46 years	FEDERAL ID NO. 99-0186805
PRINCIPALS OF FIRM: (NAMES) Tyson T. Toyama, P.E. - President Charles L. Jury, P.E. - Vice President Matthew K. Fujioka, P.E. - Vice President Bruce K. Meyers, P.E. - Chairman of the Board	ASSOCIATE MEMBERS OF FIRM: (NAMES) Senior Associates - Joel Nakamoto, P.E., Gregg Kuwahara, P.E., Irvin Higashi, L.A.; Associates - Kiu-Chor "Frances" Cheng, P.E., Jason Soriano, Alan Nishimura, P.E., Cody Miprano, P.E., Norman Leong, P.E., Antonio Isom P.E., Valentina Forcella, Leandro Gabriel	
PRESENT BRANCH OFFICE(s): (ADDRESS, TELEPHONE & FAX NO.) 201 Merchant Street, Suite 1650, Honolulu, HI 96813 Phone:(808) 524-1224 Fax:(808) 961-5529	PERSON IN CHARGE: (NAMES) Tyson T. Toyama, P.E. Charles L. Jury, P.E.	

NUMBER OF PERSONNEL IN YOUR PRESENT ORGANIZATION

LOCATED AT	PRINCIPALS & KEY PERSONNEL			OTHER PERSONNEL										TOTAL	
	Architect	Engineer	Others	Architect	Engineers				Draftsmen	Spec. Writer	Estimator	Inspector	Surveyor		Balance
					Mech.	Electri	Civil	Others							
HILO		(1)			2		6		5	5*	5*			3	15
HONOLULU		(3)		1	11		9			16*	16*			2	23
TOTAL		(4)		1	13		15		5	27*	27*			5	38
TECHNICAL PERSONNEL:33				NUMBER OF PERSONNEL WITH HAWAII LICENSES					12	NUMBER OF PERSONNEL WITHOUT HAWAII LICENSES					16

() working principals, and * done by in-house engineers, 1 dual civil and mechanical engineers

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM									
NAME Bruce K. Meyers, P.E.			RESIDENT OF Hawaii		NAME Tyson T. Toyama, P.E.			RESIDENT OF Hawaii	
TITLE Chairman of the Board, Senior Civil Engineer				TITLE President, Senior Mechanical Engineer					
YEARS OF EXPERIENCE 35	AS PRINCIPAL IN THIS FIRM 15	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 20	YEARS OF EXPERIENCE 30	AS PRINCIPAL IN THIS FIRM 15	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 15		
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Brigham Young University, Bachelor of Science, 1989, Civil Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of California at Los Angeles Bachelor of Science, 1995, Mechanical Engineering					
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ACECH, AWWA, USGBC, SAME				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASHRAE, ACECH					
REGISTRATION (TYPE, YEAR, STATE) Civil/1994, Hawaii				REGISTRATION (TYPE, YEAR, STATE) Mechanical/2001, Hawaii Mechanical/1999, California					
NAME Charles L. Jury, P.E.			RESIDENT OF Hawaii		NAME Matthew K. Fujioka			RESIDENT OF Hawaii	
TITLE Vice President, Senior Civil Engineer				TITLE Vice President, Senior Civil Engineer					
YEARS OF EXPERIENCE 22	AS PRINCIPAL IN THIS FIRM 5	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 17	YEARS OF EXPERIENCE 26	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS 3	OTHER THAN PRINCIPAL 22		
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2005, Civil Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, BS, 1999, Civil Engineering University of Hawaii, MS, 2009, Civil Engineering					
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS AWWA, HWEA, ACECH				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE					
REGISTRATION (TYPE, YEAR, STATE) Civil / 2008, Hawaii CESCPP, CWPPP, ESCP Coordinator				REGISTRATION (TYPE, YEAR, STATE) Civil/2005, Hawaii CWPPP; ESCP					

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM							
NAME Joel S. Nakamoto, P.E.		RESIDENT OF Hawaii		NAME Gregg H. Kuwahara, P.E.		RESIDENT OF Hawaii	
TITLE Senior Associate, Senior Civil Engineer				TITLE Senior Associate, Senior Civil Engineer			
YEARS OF EXPERIENCE 31	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 31	YEARS OF EXPERIENCE 19	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 19
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of California, Irvine, Bachelor of Science, 1993, Civil Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Southern California, Bachelor of Science, 2004, Aerospace Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ACECH			
REGISTRATION (TYPE, YEAR, STATE) Civil/1999, Hawaii Civil/1997, California				REGISTRATION (TYPE, YEAR, STATE) Civil/2011, Hawaii CESCP, CWPPP, ESCP Coordinator			
NAME Irvin T. Higashi, L.A.		RESIDENT OF Hawaii		NAME Norman Leong, P.E.		RESIDENT OF Hawaii	
TITLE Senior Associate, Landscape Architect				TITLE Associate II, Senior Civil Engineer			
YEARS OF EXPERIENCE 44	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 44	YEARS OF EXPERIENCE 17	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 17
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Washington State University, Bachelor of Science, 1979, Landscape Architecture				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii at Manoa, Bachelor of Science, 2008, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ISA				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASCE			
REGISTRATION (TYPE, YEAR, STATE) Landscape Architect/1995, Hawaii 2010 - 2025 ISA Certified Arborist				REGISTRATION (TYPE, YEAR, STATE) Civil/2012, Hawaii CESCPP, CWPPP, ESCP			

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM							
NAME Kiu Chor Francis Cheng, P.E.		RESIDENT OF Hawaii		NAME Jason Soriano		RESIDENT OF Hawaii	
TITLE Associate II, Mechanical Designer				TITLE Associate II, Mechanical Designer			
YEARS OF EXPERIENCE 11	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 11	YEARS OF EXPERIENCE 15	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 15
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2014, Mechanical Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Eastern Washington, Cheney, WA, Bachelor of Science, 2009, Mechanical Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASHRAE				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASHRAE			
REGISTRATION (TYPE, YEAR, STATE) Mechanical/2021, Hawaii				REGISTRATION (TYPE, YEAR, STATE)			
NAME Alan H. Nishimura, P.E.		RESIDENT OF Hawaii		NAME Cody A. Miprano, P.E.		RESIDENT OF Hawaii	
TITLE Associate I, Civil Engineer				TITLE Associate I, Civil Engineer			
YEARS OF EXPERIENCE 17	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 17	YEARS OF EXPERIENCE 10	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 10
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Portland, Portland, Oregon, Bachelor of Science, 2018, Civil Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2015, Civil Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATION				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS AWWA			
REGISTRATION (TYPE, YEAR, STATE) Civil/2013, Hawaii 2025 CESCOP, CWPPP, ESCP				REGISTRATION (TYPE, YEAR, STATE) Civil/2021, Hawaii			

PERSONAL HISTORY STATEMENT OF PRINCIPALS AND ASSOCIATES WITHIN YOUR FIRM							
NAME Valentina Forcella, Ph.D.		RESIDENT OF Hawaii		NAME Antonio D. Isom, P.E.		RESIDENT OF Hawaii	
TITLE Associate I, Civil Engineer				TITLE Associate I, Mechanical Engineer			
YEARS OF EXPERIENCE 9	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 9	YEARS OF EXPERIENCE 6	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 6
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Politecnico di Milano, Italy BS, 2007; Master of Science, 2009; Ph.D. 2013, Civil Engineering				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) George Fox University, Newberg, Oregon Bachelor of Science, 2019, Mechanical Engineering			
MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS ASHRAE			
REGISTRATION (TYPE, YEAR, STATE) Civil/2022, Nevada CESCPP, CWPPP, ESCP				REGISTRATION (TYPE, YEAR, STATE) Mechanical/2024, Hawaii			
NAME Leandro "Gabe" Gabriel, Jr.		RESIDENT OF Hawaii		NAME		RESIDENT OF	
TITLE Associate I, Civil Designer				TITLE			
YEARS OF EXPERIENCE 34	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL 34	YEARS OF EXPERIENCE	AS PRINCIPAL IN THIS FIRM	AS PRINCIPAL IN OTHER FIRMS	OTHER THAN PRINCIPAL
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Hawaii Community College, 1989, AS Architectural Drafting Technology, AS Carpentry				EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)			
MEMBERSHIP IN PROFESSIONAL ORGANIZATION				MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS			
REGISTRATION (TYPE, YEAR, STATE)				REGISTRATION (TYPE, YEAR, STATE)			

PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM

NAME Ronald Layaoen		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Kara A. Nadamoto		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Civil and Mechanical Engineer		YEARS OF EXPERIENCE 32	TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 8
WITH THIS FIRM 32	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM 5	WITH LAST FIRM (NAME & NO. OF YEARS) Mech Engineers of Hawaii 3	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii at Manoa, Bachelor of Science, 1990, Mechanical Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Oregon State University, Corvallis, Oregon, Bachelor of Science, 2017, Mechanical Engineering		
REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 1991, Hawaii			REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 2018, Hawaii		
NAME Kealaanuhea Soriano		STATUS (Underline) <u>Full-Time</u> <u>Part-Time</u>	NAME Kile K. Tanimoto		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Civil Engineer		YEARS OF EXPERIENCE 11	TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 7
WITH THIS FIRM 11	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM 7	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2014, Civil Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Rensselaer Polytechnic Institute, Troy, New York, Bachelors of Science, 2018, Mechanical Engineering		
REGISTRATION (TYPE, YEAR, STATE)			REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 2022, Hawaii		

PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM					
NAME Taylor K. Jenkins		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Saydielyn Simao-Arakaki		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 6	TITLE OR POSITION Civil Engineer		YEARS OF EXPERIENCE 6
WITH THIS FIRM 5	WITH LAST FIRM (NAME & NO. OF YEARS) EPC Service, Inc 1	WITH OTHER FIRMS	WITH THIS FIRM <1	WITH LAST FIRM (NAME & NO. OF YEARS) USDA NRCS 4	WITH OTHER FIRMS 2
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Rose Hulman Institute of Technology, Terre Haute, IN, Bachelor of Science, 2018, Mechanical Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2019, Civil Engineer		
REGISTRATION (TYPE, YEAR, STATE) ESCP Coordinator			REGISTRATION (TYPE, YEAR, STATE)		
NAME Kay M. Hashimoto		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Kyle Yamada		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Civil Engineer		YEARS OF EXPERIENCE 4	TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 4
WITH THIS FIRM 4	WITH LAST FIRM (NAME & NO. OF YEARS) EPC Service, Inc 1	WITH OTHER FIRMS	WITH THIS FIRM 4	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2020, Civil and Environmental Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii, Manoa, Bachelor of Science, 2021, Mechanical Engineering		
REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 2021, Hawaii ESCP Coordinator			REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 2023, Hawaii		

PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM

NAME Brionna Akedo		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Maddyson Sylvester		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Civil Engineer		YEARS OF EXPERIENCE 3	TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 3
WITH THIS FIRM 3	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM 3	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii at Manoa, Bachelor of Science, 2022, Civil and Environmental Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii at Manoa, Master of Science, 2021, Mechanical Engineering		
REGISTRATION (TYPE, YEAR, STATE) Civil/2025, California ESCP Coordinator			REGISTRATION (TYPE, YEAR, STATE) Fundamentals of Engineering, 2022, Hawaii		
NAME Andrew Miller		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Aleah-Kyleen Gapo		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE 1	TITLE OR POSITION Civil Engineer		YEARS OF EXPERIENCE 1
WITH THIS FIRM 1	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM 1	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Nevada Las Vegas, Bachelor of Science, 2023, Mechanical Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) University of Hawaii at Manoa, Bachelor of Science, 2023, Civil Engineering		
REGISTRATION (TYPE, YEAR, STATE)			REGISTRATION (TYPE, YEAR, STATE)		

PERSONAL HISTORY STATEMENT OF TECHNICAL PERSONNEL WITHIN YOUR FIRM

NAME Evann T Kobashigawa		STATUS (Underline) <u>Full-Time</u> Part-Time	NAME Michael "Keanu" Regenhardt		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE <1	TITLE OR POSITION Mechanical Engineer		YEARS OF EXPERIENCE <1
WITH THIS FIRM <1	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM <1	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Oregon State University, Bachelor of Science, 2024, Mechanical Engineering			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION) Montana State University, Bachelor of Science, 2024, Mechanical Engineering		
REGISTRATION (TYPE, YEAR, STATE)			REGISTRATION (TYPE, YEAR, STATE)		
NAME		STATUS (Underline) <u>Full-Time</u> <u>Part-Time</u>	NAME		STATUS (Underline) <u>Full-Time</u> Part-Time
TITLE OR POSITION		YEARS OF EXPERIENCE	TITLE OR POSITION		YEARS OF EXPERIENCE
WITH THIS FIRM	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS	WITH THIS FIRM	WITH LAST FIRM (NAME & NO. OF YEARS)	WITH OTHER FIRMS
EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)			EDUCATION (COLLEGE, DEGREE, YEAR, SPECIALIZATION)		
REGISTRATION (TYPE, YEAR, STATE)			REGISTRATION (TYPE, YEAR, STATE)		

OUTSIDE ASSOCIATES AND CONSULTANTS USUALLY EMPLOYED

DISCIPLINE	NAME OF FIRM OR INDIVIDUAL	DISCIPLINE	NAME OF FIRM OR INDIVIDUAL
Architects	Architects Hawaii, Ltd. Architects Pacific Bowers + Kubota Consulting Design Partners Incorporated	Landscape Architects	Miyabara Associates PBR Hawaii David Y. Tamura & Associates KTL Design
	FAI Architects Ferraro Choi & Associates Ltd GD Design InForm Design	Structural Engineers	KAI Hawaii, Inc. Structural Hawaii; SLISH, Inc. Wiss, Janney, Elstner Assoc.
	INK Architects Inc. Kodama/Okamoto Architects KYA Design Group Franklin Wong Associates Pacific Architects Inc. Richard Matsunaga & Assoc.	Electrical Engineers	Ronald N.S. Ho & Associates RHA Energy, ECS Inc. Kraig K. Otani & Assoc., LLC Wallace T. Oki, P.E. Inc.
	Uchiyama Erskine Architects Wiss, Janney, Elstner Assoc.	Surveying	ControlPoint Surveying M&E Pacific Towill Shigeoka & Assoc
		Geotechnical	Geolabs, Inc., YKE Kokua Geotech, LLC Ernest K. Hirata Fewell Geotechnical Engineer.
Fire Protection Traffic Planning (EA/EIS, Public Outreach)	Coffman Engineers Traffic Management Consultant Townscape, Inc.	Environmental	Muranaka Environmental Consult Myounghee Noh & Assoc., LLC GeoMetrician, Oceanit, Environmental Science Int'l

ERRORS AND OMISSIONS INSURANCE

DOES YOUR FIRM HAVE ERRORS & OMISSION (E&O) INSURANCE? (Underline)			AMOUNT OF COVERAGE PER CLAIM	AMOUNT OF DEDUCTIBLE
<u>YES</u>	NO	PROJECT INSURANCE	\$ 3,000,000	\$ 35,000

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

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

AS A PRIME A/E CONSULTANT

TOTAL NUMBER OF COMPLETED PROJECTS	450
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS	\$333,145,000
TOTAL NUMBER OF PRESENT PROJECTS	45
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS	\$45,500,000

AS AN ASSOCIATE WITH OTHER A/E CONSULTANTS

TOTAL NUMBER OF COMPLETED PROJECTS	275
TOTAL ESTIMATED CONSTRUCTION COST OF COMPLETED PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM WAS RESPONSIBLE)	\$200,000,000
TOTAL NUMBER OF PRESENT PROJECTS	25
TOTAL ESTIMATED CONSTRUCTION COST OF PRESENT PROJECTS (ONLY THE PORTION OF WORK FOR WHICH YOUR FIRM IS RESPONSIBLE)	\$15,350,000

CLASS OF WORK AND PROJECT TYPE SPECIALIZATION

TYPE OF PROJECT	TOTAL NO. OF COMPLETED PROJECTS	TOTAL ESTIMATED CONSTRUCTION COST	TOTAL ESTIMATED PROJECT SIZE (G.S.F.)
Education	216	\$159,943,500	
Commercial	72	\$53,314,500	
Industrial	36	\$26,657,250	
Water	144	\$106,629,000	
Health Care	36	\$26,657,250	
Correctional Judicial	72	\$53,314,500	
Others	144	\$106,629,000	

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

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)

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

TYPE: Civil							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
20'	Army Aviation Support Facility (AASF, Kalaeloa Improvements Honolulu, Hawaii	Charles Jury	State of Hawaii Department of Defense 3949 Diamond Head Road Honolulu, Hawaii 96816 Mr. Virgilio Cadiente Virgilio.r.cadiente.nfg@mail.mil	2,800,000	9	100%	50%
18'	Mariners Ridge Booster II Renovation Honolulu, Hawaii	Charles Jury	City & County of Hnl Board of Water Supply 630 So. Beretania St. Honolulu, Hawaii 96843 Mr. Matthew Murayama Ph: (808) 748-5745	2,200,000	12	100%	50%
22'	Improve Trimble and Cadet Sheridan Intersection Honolulu, Hawaii	Charles Jury	U.S. Army Corps of Engineers Honolulu District Fort Shafter, Hawaii Ms. Cara Arakaki Ph: (808) 656-2533 E: Cara.K.Arakaki@usace.army.mil	900,000	15	100%	
19'	Waiialae Nui Well Condition Assessment Honolulu, Hawaii	Charles Jury	City & County of Hnl Board of Water Supply 630 So. Beretania St. Honolulu, Hawaii 96843 Ms. Darwina Griffin E: dgriffin@hbws.org	0	12	100%	N/A

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)

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

TYPE: Civil							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
24'	Repair and Stabilize Failing Eroded Sections of McCornack Gulch Honolulu, Hawaii	Charles Jury	U.S. Army Corps of Engineers Honolulu District Fort Shafter, Hawaii Ms. Romi Iida Ph: (808) 835-4333 E: Romi.T.Iida@usace.army.mil	700,000	18	100%	5%
24'	Kahauiki Stream Dredging, Fort Shafter Oahu, Hawaii	Matthew Fujioka	Cara.K.Arakaki@usace.army.mil U.S. Army Corps of Engineers Honolulu District Fort Shafter, Hawaii Ms. Carianne Abara Ph: (808) 835-4178 E:Carianne.Abara@usace.army.mil	5,400,000	12	100%	
17'	FY14 Repair North Drainage Secondary Elec and Telecomm Pohakuloa Training Area Island of Hawaii	Bruce Meyers	U.S. Army Corps of Engineers Building 230 Fort Shafter, Hawaii Ms. Tammy Luke Phone: (808) 835-4078 Fax: (808) 835-4354	12,000,000	12	100%	100%

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)

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

TYPE: Mechanical							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
21'	Maui Community Correctional Center Mechanical and Electrical System Repairs and Improvements	Tyson Toyama	State of Hawaii - DAGS P.O. Box 119 Honolulu, Hawaii 96810 Mr. Tyler Fujiyama Ph: (808) 586-0492 Fax: (808) 586-0530	2,000,000	5	90%	
20'	Various Facilities Asset Management - Mechanical System Assessments & Design	Tyson Toyama / Jordan Tottori	State of Hawaii - DOE 3733 Waiialae Avenue, Room B-201 Honolulu, Hawaii 96816 Mr. Riki Fujitani Ph: (808) 874-5110	12,500,000	60	80%	
17'	Ali'iolani Hale Planning to Assess Indoor Air Quality and AC Systems Kapuaiwa Building Planning to Assess Indoor Air Quality and AC Systems	Tyson Toyama	State of Hawaii The Judiciary 111 Alakea St., 6 th Floor Honolulu, Hawaii 96813 Joanne M Krippaehne Ph: (808) 539-4784				
13'	Maui Community Correctional Center Replace Air Conditioning Chillers Wailuku, Hawaii	Tyson Toyama	State of Hawaii - DAGS P.O. Box 119 Honolulu, Hawaii 96810 Mr. Tyler Fujiyama Ph: (808) 586-0492 Fax: (808) 586-0530	842,200	6	100%	

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)

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

TYPE: Mechanical							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
13'	Wahiawa Police Station Air Conditioning Improvements	Tyson Toyama	City & County of Hnl Dept. Of Design & Construction	509,250	6	100%	100%
	Kalihi-Kaneohe Police Station Air Conditioning Improvements Oahu, Hawaii		650 South King Street 9 th Floor Honolulu, Hawaii 96813 Mr. Allyn Lee Ph: (808) 768-8428	529,003	6	100%	100%
24'	HIARNG Tunnel 407 HVAC Replacement, Diamond Head Crater Oahu, Hawaii	Tyson Toyama	State of Hawaii Department of Defense 3949 Diamond Head Road Honolulu, Hawaii 96816 Mr. Virgilio Cadiente Ph: (808) 844-6555	1,000,000	12	100%	95%
13'	Kapolei Hale Air Conditioning System Improvements Kapolei, Hawaii	Tyson Toyama	City & County of Honolulu, Dept. of Design & Construction 650 S. King St, 9 th Flr Honolulu, Hawaii 96813 Mr. Allyn Lee Ph: (808) 768-8428	1,287,000	15	100%	99%
15'	Kalanimoku Building Replace Chillers, Cooling towers, and AHUs Honolulu, Hawaii	Tyson Toyama	State of Hawaii D.A.G.S. P.O. Box 119 Honolulu, Hawaii 96810 Mr. Brad Leveen Ph: (808) 586-0478	8,000,000	6	100%	95%

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS DESIGNATED THE PRIME CONSULTANT (BY TYPE)

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

TYPE: Mechanical							
YEAR	NAME AND LOCATION OF THE PROJECT	NAME OF LEAD DESIGNER	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONST. COST (\$)	DURATION FOR DESIGN (MONTHS)	% COMPLETED	
						DESIGN	CONST.
20'	Kulani Correctional Facility Mechanical & Electrical Systems Repairs & Maintenance Island of Hawaii	Tyson Toyama	State of Hawaii D.A.G.S. P.O. Box 119 Honolulu, Hawaii 96810	1,063,000	5	100%	15%
21'	Kalanimoku Building Replace Air Handlers and Fan Coil Units Oahu, Hawaii	Tyson Toyama / Kiu Chor Cheng	State of Hawaii D.A.G.S. P.O. Box 119 Honolulu, Hawaii 96810	7,500,000	8	60%	
21'	Ali'iolani Hale Air Conditioning Replacement Oahu, Hawaii	Tyson Toyama	State of Hawaii The Judiciary 111 Alakea St., 6 th Floor Honolulu, Hawaii 96813 Joanne M Krippaehne Ph: (808) 539-4784	5,554,308	8	100%	20%

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS ASSOCIATES WITH OTHERS (BY TYPE)

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

TYPE: Civil

YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	CONST.
22'	BWS 385' Reservoir Replacement Pearl City, Oahu, Hawaii	City & County of Hnl Board of Water Supply 630 So. Beretania St. Honolulu, Hawaii 96843 Mr. Everest Akana Ph:(808)748-5745		160,000	12	KAI Hawaii	35%	
19'	DHHL Hoolehua Water System Improvements Hoolehua, Molokai, Hawaii	State of Hawaii Department of Hawaiian Home Lands 91-5420 Kapolei Parkway Kapolei, Hawaii 96707	19,554,000	650,000	6	G70	100%	
20'	DHHL Kau Water System Improvements Kau, Hawaii, Hawaii	State of Hawaii Department of Hawaiian Home Lands 91-5420 Kapolei Parkway Kapolei, Hawaii 96707	3,400,000	2,100,000	6	G70	100%	

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS ASSOCIATES WITH OTHERS (BY TYPE)

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

TYPE: Civil								
YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	CONST.
18'	Alii Drive Culvert Replacement Kailua-Kona, HI	County of Hawaii Public Works 101 Pauahi St. #7 Hilo, Hawaii 96720		3,000,000	12	KAI Hawaii	100%	
24'	Hawaii Air National Guard Renovate Building 407 Honolulu, Hi	SOH-DOD 3949 Diamond Head Road Honolulu, HI 96816		0	10	Wiss, Janney, Elstner	60%	N/A
22'	Haaheo Elementary School, Multi-Purpose Building Hilo, Hawaii	SOH-DOE 3733 Waialae Avenue, Rm B-201 Honolulu, HI 96816		1,335,000	12	Franklin Wong & Assoc Ltd	100%	60%
25'	Repair North Tank Installation Water Tanks Honolulu, Hawaii	U.S. Army Corps of Engineers Honolulu District Fort Shafter, Hawaii		18,200,000	7	KAI Hawaii	90%	

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS ASSOCIATES WITH OTHERS (BY TYPE)

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

TYPE: Mechanical

YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJEC T	YOUR FIRM'S WORK			DESIGN	CONST.
21	Princeville Public Library Various Repairs and Improvements Kauai, Hawaii	State of Hawaii D.A.G.S. P.O. Box 119 Honolulu, HI 96810	2,000,000	584,300	8	Wiss, Janney, Elstner Assoc. Inc.	100%	100%
20	Fresenius Medical Center Hilo Lanikaula	Fresenius Medical Care 811 Sterling Pkwy Lincoln, CA 95648	5,000,000	1000000	10	Bowers + Kubota	100%	
24	Health Services Classrooms, Waiakea High School Hilo, Hawaii	Healthcare Association of Hawaii		500,000	12	G70	60%	
24	UHM CTAHR Waiakea Research Station Hilo, Hawaii	University of Hawaii at Manoa		750,000	12	Bowers + Kubota	100%	

PRESENT/COMPLETED PROJECTS IN WHICH YOUR FIRM IS/WAS ASSOCIATES WITH OTHERS (BY TYPE)

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

TYPE: Mechanical

YEAR	NAME AND LOCATION OF THE PROJECT	NAME, ADDRESS, PHONE & FAX NO. OF THE OWNER	. ESTIMATED CONSTRUCTION COST		DURATION FOR DESIGN (MONTHS)	PRIME FIRM ASSOCIATED WITH	% COMPLETED	
			ENTIRE PROJECT	YOUR FIRM'S WORK			DESIGN	CONST.
13	Kulani Correctional Facility Reactivation Hilo, Hawaii	State of Hawaii DAGS P.O. Box 119 Honolulu, Hi 96810 Mr. Joseph Earing Ph: (808)586-0500 Fax: (808)586-0530	600,000 Immediate	378,427		Pacific Architects	100%	100%
24	Dept of Corrections and Rehabilitation, Facilities Statewide Sustainability Master Plan Hawaii	State of Hawaii Hawaii, Dept of Corrections		100% Report	12	Bowers + Kubota	N/A	N/A
13	Modernization of Salt Lake Apartments-Phase 2 Honolulu, Hawaii	State of Hawaii Hawaii Public Housing Authority 1002 N. School St. Honolulu, HI 96817 Mr. Miles Okimura Ph: (808)832-5313 Fax: (808)832-6030		1372100	12	Awa & Assoc. LLC	100%	

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

Okahara and Associates, Inc. has been doing business in Hawaii for 46 years. Okahara and Associates, Inc. is a multi-disciplined consultant firm with civil and mechanical engineering capabilities with a total staffing of 38 employees.

1. **Individual Project Assignment**

Okahara's branch office manager is responsible for assigning projects to the various staff members. The determination of which project goes to which engineer is based primarily on the scope of work and the level of project management responsibilities required. The office manager attempts to match these two factors with the engineer having the most appropriate skillset and past project experience.

2. **Project Management Structure**

In order to have a successful project, the project management structure must be clearly defined, with each participant knowing exactly their role and responsibility in the project development process. Each Okahara project is overseen by the branch office manager. The branch office manager provides technical guidance, performs project administration, tracks project schedules and allocates sufficient staffing. Under the branch office manager is the project manager who is a senior level engineer responsible for providing technical guidance, assisting with project administration, establishing and tracking project schedules, being the point of contact between Okahara and the client, and overseeing the technical staff assigned to work on the project. Assisting the project manager is an assigned project engineer who is primarily responsible for producing the deliverables required for the project (plans, specifications, estimates, reports, etc.). Experienced project engineers may also assume some of the responsibilities of the project manager, as appropriate. Project engineers are also responsible for overseeing the draftsman assigned to the project to ensure work progress and quality are maintained. On a regular basis the project engineer will meet with the project manager and branch office manager to discuss the progress, identify and mitigate any issues, and discuss staffing or other project related matters. Likewise, the project manager will update the client regarding the project status on a scheduled basis or as often as necessary. Through this project management structure, communication and coordination are built into the process, which facilitates efficient and accurate development of the project deliverables.

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

3. **Project Execution**

Under the project management structure described above, project execution during the design phase consists of scoping; scheduling; performing site investigations/field data gathering; researching as-built plans/reports; developing conceptual, preliminary, 50% (or other requested percentage complete), pre-final and final construction documents and associated reviews; implementing a quality control program; and obtaining permits and/or approvals. The following are discussions of what Okahara believes to be the key areas of this process:

- A. Scoping: Having a clearly defined and mutually agreed upon scope of work is the most important component of having a successful project. Before any design work commences, Okahara engineers take the time to understand the scope of work provided by the client and request clarifications if necessary. If budget is critical, a pre-design cost estimate is generated so that the client has an idea of what can be done with limited available funds and can decide to either reduce the scope of work or investigate other funding sources early on in the project. While it is impossible to accurately estimate project costs during the scoping phase, Okahara introduces the concept early in the design development so there is time to plan for alternatives if necessary.
- B. Scheduling: Establishing a realistic and complete critical path method schedule at the onset of the project is critical to meeting the client's expectations regarding delivery of the project and also for mapping out the various work tasks required for efficient execution. It is extremely critical to plan for long lead time items, like certain permits, utility relocations, right of way acquisitions, etc. to ensure that they are properly planned for and completed on schedule.
- C. Commitment to Quality: Okahara is committed to producing quality engineering services to its clients that meets intended objectives, budgets, and schedules.

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

4. Quality Control Process


As mentioned above, Okahara believes that quality work starts with having a clear understanding of the project scope and the deliverables that the client expects to be submitted. Therefore, prior to the start of any design work, each engineer takes the time to fully understand the client's goals and associated specific requirements for the project to ensure that all deliverables are produced in accordance with these goals.

In terms of a Quality Assurance/Quality Control (QA/QC) program, Okahara has the following procedures in place:

- A. During the progress of the work, each engineer and draftsman follows a standardized color coded system for producing drawings, including marking drawings for revision, drafting of revisions, and back-checking the revisions.
- B. Prior to every submittal, all documents are reviewed by a Quality Control Engineer (QCE) who is not involved with the day-to-day design development. This review includes, but is not limited to, presentation, design, biddability, constructability, coordination between disciplines and overall quality. Any comments resulting from this internal "independent" review are provided to the project engineer for resolution prior to submittal.

We are committed to our QA/QC program and to producing quality work for our clients. Every effort will be made to implement our established overall quality control plan and if necessary, make any modifications to ensure Client satisfaction.

As of this date June 27 2025 the foregoing is a true statement of facts.

NAME OF FIRM OR INDIVIDUAL SUBMITTING QUESTIONNAIRE	TYPE NAME AND TITLE OF PERSON SIGNING	SIGNATURE
Okahara and Associates, Inc.	Bruce K. Meyers, Chairman of the Board	

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

PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME Tyson T. Toyama, P.E.	TITLE AND POSITION President, Senior Mechanical Engineer	YEARS WITH FIRM 25
--	---	----------------------------------

MAJOR RESPONSIBILITIES WITH THIS FIRM

Management. Project management and design of commercial/industrial mechanical engineering projects including air conditioning, ventilation, heating, plumbing, pump stations and water supply systems. Coordinate work with various Government Agencies, Mechanical Design.

PRIOR EMPLOYMENT

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

FIRM: Boyle Engineering Corporation	DATE FROM: TO: 1996 2000	FIRM: IT Corporation	DATE FROM: TO: 1995 1996

ADDRESS: 1501 Quail Street, Newport Beach, CA	ADDRESS: Irvine, California
---	---

JOB TITLE: Mechanical Engineer	JOB TITLE: Environmental Engineer Intern
--	--

SUPERVISOR'S NAME AND TITLE: Harry Saunders, Senior Mechanical Engineer	SUPERVISOR'S NAME AND TITLE: (Empty)
---	--

MAJOR DUTIES: Design of mechanical engineering projects including HVAC analysis, studies, and design; hydraulic analysis and design of water and wastewater pumping stations; design of ventilation and fuel systems for standby electrical power generation; and surge analysis and design of associated surge suppression devices of large-scale water distribution systems	MAJOR DUTIES: Preparing Phase I Assessment Reports.
---	---

PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME Charles L. Jury, P.E.	TITLE AND POSITION Vice President, Senior Civil Engineer	YEARS WITH FIRM 7
--	---	---------------------------------

MAJOR RESPONSIBILITIES WITH THIS FIRM

Management. Scoping, project management, planning and design of various civil engineering projects, including site development, roadway/highway designs, utility design, master planning, and accessibility improvements.

PRIOR EMPLOYMENT

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

FIRM: The Limtiaco Consulting Group	DATE FROM: TO:	FIRM: Akinaka & Associates, Ltd.	DATE FROM: TO:	
	2015 2018		2002	2015

ADDRESS: 1622 Kakanui St., Honolulu, HI 96817	ADDRESS: 1100 Alakea St, Ste 1800, Honolulu, HI 96813
---	---

JOB TITLE: Project Manager	JOB TITLE: Project Manager, Civil Engineer
--------------------------------------	--

SUPERVISOR'S NAME AND TITLE:	SUPERVISOR'S NAME AND TITLE:
-------------------------------------	-------------------------------------

MAJOR DUTIES: Administrative and supervisory responsibilities for design, development, methods, procedures, and the assignment of personnel to accomplish the work most effectively; Develop plans and design documents as part of an interdisciplinary team of engineers, including 3D designs, plans, specifications, estimates and various planning and design reports.	MAJOR DUTIES: Administrative and supervisory responsibilities for design, development, methods, procedures, and the assignment of personnel to accomplish the work most effectively; Develop plans and design documents as part of an interdisciplinary team of engineers, including 3D designs, plans, specifications, estimates and various planning and design reports.
--	--

PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME Matthew K. Fujioka, P.E.	TITLE AND POSITION Vice President, Senior Civil Engineer	YEARS WITH FIRM 1
---	--	-----------------------------

MAJOR RESPONSIBILITIES WITH THIS FIRM

Management. Project Management, Design Coordination, Estimate Civil Construction Jobs. Coordinate work with various Government Agencies. Civil Design for highways and roads, site development, subdivisions, drainage systems, etc., obtain various construction permits, including NPDES, 404 Army Permit, 401 WQC, SCAP, Grading, etc.

PRIOR EMPLOYMENT

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

FIRM: Bow Engineering and Development, Inc.	<table border="1"> <tr> <th colspan="2">DATE</th> </tr> <tr> <th>FROM:</th> <th>TO:</th> </tr> <tr> <td>2017</td> <td>2023</td> </tr> </table>	DATE		FROM:	TO:	2017	2023	FIRM: Wilson Okamoto Corp.	<table border="1"> <tr> <th colspan="2">DATE</th> </tr> <tr> <th>FROM:</th> <th>TO:</th> </tr> <tr> <td>2009</td> <td>2017</td> </tr> </table>	DATE		FROM:	TO:	2009	2017
DATE															
FROM:	TO:														
2017	2023														
DATE															
FROM:	TO:														
2009	2017														
ADDRESS: 1963 S. Beretania Street, PH-A, Hon., HI 96826	ADDRESS: 1907 S. Beretania Street, #400, Hon., HI 96826														
JOB TITLE: Chief Engineer	JOB TITLE: Associate Director - Civil Engineering														
SUPERVISOR'S NAME AND TITLE: Sarah Bow, CEO	SUPERVISOR'S NAME AND TITLE: Barry Toyota, Vice President														
MAJOR DUTIES: Supervised an engineering staff of up to 8 engineers (3 licensed) and 2 administrative staff. Designer of Record on design documents that include plans, specifications, cost estimates, reports and permits. Managed multi-disciplinary projects as the prime consultant.	MAJOR DUTIES: Supervise a project team of up to 4 engineers (2 licensed). Designer of Record on design documents that include plans, specifications, cost estimates, reports and permits. Managed multi-disciplinary projects as the prime consultant.														

PRINCIPALS ONLY - ADDITIONAL INFORMATION

NAME Bruce K. Meyers, P.E.	TITLE AND POSITION Chairman of the Board, Senior Civil Engineer	YEARS WITH FIRM 35
--	--	----------------------------------

MAJOR RESPONSIBILITIES WITH THIS FIRM

Management. Provide high level consultation to design team relating to civil engineer matters during project development, bidding, and problem solving during construction phase. Reviewing documents pertaining to major design components. Can also perform civil engineering design tasks and assist in meeting with clients, agencies, and stakeholders if necessary.

PRIOR EMPLOYMENT

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

FIRM:	DATE		FIRM:	DATE	
	FROM:	TO:		FROM:	TO:
ADDRESS:			ADDRESS:		
JOB TITLE:			JOB TITLE:		
SUPERVISOR'S NAME AND TITLE:			SUPERVISOR'S NAME AND TITLE:		
MAJOR DUTIES:			MAJOR DUTIES:		

**7. PROMOTIONAL OR DESCRIPTIVE
LITERATURE**
A. Statement of Qualifications

STATEMENT OF QUALIFICATIONS

PROJECT CATEGORIES

General

Okahara and Associates, Inc. (Okahara) is a civil and mechanical engineering and landscape architectural firm that has been privileged to work on a wide array of projects, both in the public and private sectors, on all the major islands in Hawai`i for more than 46 years.

Okahara is experienced in:

- Scoping projects, field investigations, and producing executable scope of work documents that are detailed by tasks, assigned resources, and completion dates;
- Project management in coordinating the efforts of the consultant team and the various government agencies in completing the construction documents and permits, utilizing the Critical Path Method (CPM) of scheduling tasks. This is done to minimize the oversight of the Client.
- Producing intermediate and final plans, specifications, and cost estimates for bidding and construction;
- Applying for and obtaining the required environmental and construction permits with the Department of Health, Army Corp of Engineers, Department of Land and Natural Resources, and the City and County agencies on all the major islands;
- Bidding and construction management support.

Civil Engineering:

Okahara –Civil has extensive experience in preparing construction plans, specifications, and estimates for a wide variety of Civil Engineering projects, which include:

1. Site Development for Buildings, Subdivisions, and Other Infrastructure Improvements (including access roads, parking lots, buried utilities, grading, and drainage).
2. Highway/Roadway Design (including intersections)
3. Water System Design (Wells, Reservoirs, Transmission Pipe Systems and Distribution Pipe Systems)
4. Wastewater Design (Sewer Pipe Systems, Septic Systems, Conversions of Large Capacity Cesspools)
5. Airport/Airfield Projects (Upgrade Aprons, Install Washracks, and Signage Improvements)
6. Repairs and Maintenance Projects (Road Resurfacing, Roadway Widening, Drainage Improvements, and ADA Upgrades)

With regard to projects for military clients, Okahara-Civil has had the following recent project experience:

1. Keaukaha Military Reservation Joint Military Center, Phase I (Island of Hawaii)

2. Saddle Road Improvements Project, PTA Phases 1, 2, 3 & 4 (Military Relevance-Coordination with Pohakuloa Training Area Main Entrance, Barracks Replacement, Utilities, Training Areas) (Island of Hawaii)
3. Stormwater Drainage Upgrade Building 825, Wheeler Army Airfield (Oahu)
4. HIANG B-117, Kalaeloa Phase 2 (Oahu)

Okahara-Civil is also very familiar with the requirements of the Hawaii Department of Health for obtaining the NPDES Form C for stormwater runoff due to construction activities. We have done numerous such permits as many of our past highway and site development projects have exceeded the one (1) acre disturbed area criteria. Also, Okahara-Civil has worked on numerous projects that have required LEED certification and our engineers are familiar with the credits and reporting requirements.

Mechanical Engineering:

Okahara-Mechanical specializes in the project management and design of HVAC, plumbing, fuel and energy systems with an emphasis on repair and maintenance type projects. As routine prime consultants, Okahara-Mechanical is often tasked with planning services including developing a scope of work, preparing bid documents, conducting prebid meetings and furnishing construction administration services.

Specific services provided are as follows:

1. Pump Station Design
2. HVAC System Design
3. Plumbing System Design
4. Fuel System Design
5. Energy Efficient Design

Notable project elements included LEED certification, historical buildings, construction phasing to minimize or eliminate loss of services and ADA upgrades. Notable technical elements include water and air cooled chillers, cooling towers, pumps, package air conditioning units, air handling units, fans, ductwork, DDC/BAS controls, plumbing fixtures, solar hot water collectors, piping (water, sewer and gas), pumps, oil/water separators and lift stations.

PAST PERFORMANCE ON PROJECTS WITH SIMILAR SCOPE (CIVIL ENGINEERING)

Hawaii Army National Guard Army Aviation Support Facility (AASF) Kalaeloa Improvements

Kalaeloa, Oahu, Hawaii

Design / Construction Completion: 2020 / Ongoing – 50% complete

This project entailed the design of a new vehicle wash rack. The wash rack was designed for CH-470 Chinook helicopters and ground vehicles, as large as a HEMTT A4 recovery truck. The wash rack is located adjacent to the Kalaeloa airfield and designed such that Chinook's and ground vehicle wash racks are kept separate to maintain airfield security. Improvements included approximately 15,000 sq. ft. of wash rack area, four (4) wash stations, vehicle barriers, 1,400 sq. ft. CMU equipment room, pressure washing systems, air compressor systems, soap solution dispenser systems, water cannon pump systems, security fencing, oil water separator, storm water diversion valve, storm water infiltration chambers, potable water improvements, plumbing, and a PV array canopy. This project utilized Civil-3D modeling, UFC 3-260-01 and MS Project for scheduling. Construction services included submittal reviews, change order reviews, responding to RFI's, and construction observations.

Permits included FAA Part 77 & FAA 7460 Obstruction Evaluation permit, City & County of Honolulu Building Permit, Grading Permit, Industrial Waste Permit, NPDES Stormwater Discharge, NPDES Industrial Stormwater, Sewer Connection Application, SHPD, DCAB, DOT-Airport clearance, and HECO approval.

FY13 SRM Project, Replace 8-Inch Waterline

Aliamanu Military Reservation, Oahu, Hawaii

Design / Construction Completion: 2014

This project entailed the design to replace 5,600 600 lineal feet of 60-year old cast iron waterline at Aliamanu Military Reservation. The scope of work consisted of a geotechnical investigation of the project area to include recommendations for trenching and backfilling operations; fire protection analysis of the existing system; and waterline design including horizontal and vertical alignment, replacement of existing fire hydrants, valves, and appurtenances, and re-establishing existing connections to the water system being replaced. This work also included acquiring excavation and traffic control permits from the Directorate of Public Works, and the NPDES permit from the Department of Health. Also provided was construction support, which included site visits and assisting in redesigns due to unforeseen conditions. Estimated construction cost: \$3,000,000.

Install Perimeter Fence - Phase II

Hilo International Airport, Hilo, Hawaii

Design / Construction Completion: 2014 / 2016

This project entailed the design of new and replacement perimeter chain link fencing and swing and motorized gates at Hilo International Airport. In addition to civil design for the site preparation and installation of the fence and gates, Okahara's responsibility was the coordination effort for the electrical component of the motorized gates along the perimeter fence, and replacement of navigational aids for the airfield. Estimated construction cost was \$1,500,000.

Awa Street Wastewater Pump Station Force Main and Sewer System Improvements - Waiakamilo Road Trunk Sewer

Kalihi-Palama, Oahu, Hawai'i

Design Completion: 2017

This project involved the replacement of over a mile of gravity trunk sewer to be installed via microtunneling along Waiakamilo Road and Houghtailing Street in Honolulu. Okahara and Associates, Inc. was the prime, civil, and mechanical consultant leading a team of engineering and environmentalists to deliver the design and bid package of this \$120 million project. The design plans incorporated the new sewer line installation and connections, utility relocations, geotechnical guidance, and structural designs for construction of the essential parts of the sewer system. The bid package also incorporated a comprehensive traffic control plan, numerous State and City permits and approvals, Noise Variance, Geotechnical Report, Archaeological Monitoring Plan, Environmental Hazard Evaluation and Soil Management Plan, and an Environmental Assessment of the project. The major challenges of the project was the coordination of the different disciplines of design; fitting in a new system to operate with an existing system, and planning for the unforeseen circumstances that accompany underground utility installation in an existing utility corridor. Okahara and Associates, Inc. successfully delivered this project to the City within budget and by overcoming such challenges and learning new lessons along the way. The construction of this project began in 2018.

Client: C&C of Honolulu, Department of Environmental Services – Clifford Kanda

Phone: (808) 768-8753

Drainage, Electrical, and Telecommunication Improvements at Pohakuloa Training Area (North and South)

United States Army Corps of Engineers – Honolulu District

Pohakuloa Training Area, Island of Hawai'i, Hawai'i

Design / Construction Completion: 2018 / 2020

Okahara and Associates is the prime consultant for this drainage, electrical, and telecommunications improvements project at PTA, which will support the military's task

of upgrading the facilities for the soldiers at this base. The civil part of this project involves a comprehensive drainage design consisting of gabion swales, concrete fords, culverts, grouted rip rap channels, drainage sumps, and sedimentation basins which conveys off-site and on-site drainage runoff through the base. In addition to the drainage design, Okahara needed to ensure the security of the base by realigning security fencing at the base perimeter to ensure that the drainage improvements would not cause a breach in the security fencing. Okahara's role involved coordinating with the United States Army Corps of Engineers – Honolulu District, and the Army Department of Public Works in ensuring the user needs are being adequately addressed. The North project is currently in construction. Estimate construction cost is \$6,000,000 for the South project, and \$35,000,000 for the North project.

HIANG Hanger B-117, Kalaeloa Phase 2

Hawai'i Air National Guard

Kalaeloa, Kapolei, Hawai'i

Design / Construction Completion: 2010 / 2015

Okahara & Associates, Inc. was the civil sub-consultant on the project to produce design documents for Hanger B-117 Maintenance Shop #1. This work included PCC pavement and apron design, AC paving, fine grading, drainage facilities, sewer line installation, NPDES permit, and LEED support. Estimated construction cost was \$1,802,117.

Client: U.S. Army Corps of Engineers - Clyde Tomihara

Phone: (808) 438-7013

Keaukaha Military Reservation

State of Hawaii, Department of Accounting & General Services

Hilo, Island of Hawai'i, Hawai'i

Design / Construction Completion: 2009 / 2011

Okahara & Associates, Inc. was the civil engineering sub-consultant for this project which involved construction of six large buildings on a 19.34-acre site. The civil scope included demolition of existing buildings; design of grading; design of drainage, water and sewer utilities; civilian and military vehicle roadways and parking areas (both PCC and AC pavements); extensive security fencing and gates; and permitting (including the NPDES Form C). Other design features included several sustainable measures that contributed to this project achieving LEED Gold certification. Some of these included low emissions, car-pooling, and van accessible parking located close to the main office. This project was a design-build project that required construction support to assist the contractor but not compromise compliance with



military design standards as well as applicable government rules and regulations. Estimated construction cost was \$5,500,000.

Client: State of Hawaii, Department of Defense – Wendell Windham

Phone: (808) 672-1539

Imiloa Astronomy Education Center

University of Hawaii, Hilo, Hawaii

Okahara & Associates, Inc. was the civil engineering consultant and provided design services for the site development of a nine (9) acre parcel and construction of a 38,000 square foot facility, which included parking, buried utilities, drainage, site grading, exterior walkways, and permitting (including the NPDES Form C). The project received LEED Silver certification. Some of the noteworthy design features included maintaining existing natural topographic features, hand clearing sensitive areas, and preserving existing native flora. This was a design build project and it was delivered on time and within budget. The completed facility has become an important education center for Hawaii Island schools and a destination for visitors.



Client: UHH Maunakea Astronomy – William Dement

Phone: (808) 933-0549

Pave Gravel Parking and Related Improvements, Phases I & II

University of Hawaii Hilo, Hawaii

Design / Construction: 2005 / 2006

Okahara and Associates, Inc. was the civil engineering consultant on the project to provide design services for the paving of a gravel parking lot and roadway, and construction of a new guard building. Okahara and Associates, Inc. was responsible for the \$1,000,000 construction cost.

Contact: Michael Murakami, 974-7595



HIANG #KNMD 020001 Repair/Resurface Taxiway M

Hickam Air Force Base, Hawaii

Design / Construction Completion: 2005 / 2006

Okahara & Associates, Inc. was the prime consultant on the project to repair, cold-plane, and repave Taxiway M. This project included coordination and research on the Military, FAA, State, and local agency requirements.

Kea'au-Pahoia By-Pass Road, Island of Hawaii

Hawaii Island, Hawaii

State of Hawaii, Department of Transportation-Highways Division

Okahara was the prime consultant responsible for the design of a new two-lane 2.2-mile highway. The work included soils investigation, topographic survey, hydrology study, and design of culverts/bridges, highway and traffic signals. The project also required interagency coordination and public involvement meetings, public hearings, obtaining right of entry, and securing permits. The EIS and route study were done by others, but these were supplemented by Okahara & Associates, Inc. Estimated construction cost: \$14,900,000.

Client: State of Hawaii – DOT, Stanley Tamura

Phone: 808-933-8866



Saddle Road, PTA Phases 1, 2, 3 & East Side Phases 1 & 2

Big Island, Hawaii

Design Completion: 2003, 2004, 2006, 2007, 2008, 2009

Okahara was the prime consultant on six separate construction projects, which in total completed 30 miles of re-aligned or re-constructed road under an IDIQ with Federal Highways. Okahara performed all civil engineering and project management duties and led a team of consultants that included the environmental, geotechnical, surveying, structural, and electrical disciplines. Okahara assisted the Federal Highway Administration in obtaining all construction permits including a Conservation District Use Permit, National Pollutant Discharge Elimination System Permit, and County of Hawaii Grading Permit. Okahara assisted the Hawaii Department of Transportation, Highways Division in obtaining necessary rights-of-way and utility agreements. Okahara also provided construction support for each phase. All bid packages were delivered on time despite very aggressive schedules and all but one project was completed under budget. The lone project that exceeded the budget involved very difficult site conditions and unforeseen conditions. However, the overall project cost has remained with the budget. We attribute the projects' overwhelming success to the high level of cooperation between Okahara's Team, the Federal Highway Administration and Hawaii DOT. Client: Federal Highways Administration - Dave Gedeon



Wheeler Air Force Base Building 825 Drainage Upgrade

Wheeler Air Force Base, Oahu, Hawai`i

Design Completion: 2010

This project involved determining the best solution to remedy the building's drainage flooding problem. This was done by meeting with the staff to identify the problems and then looking at several possible solutions. Once the solution was chosen, the engineering was performed and the construction documents and drainage report developed. The plans called for catch basins, trench drains, manholes, stormwater treatment, drainage piping and an underground (chamber) infiltration system to alleviate the drainage (flooding) problem for the building.

Client: State of Hawaii, Department of Defense – Wendell Windham

Phone: (808) 672-1539

Puainako Street Extension, Kaumana Drive to Komohana Street,

County of Hawai`i, Island of Hawai`i

Design Completion: 2002

The scope of work consisted of completing a Federal EIS and preparation of construction documents for this four (4) mile highway extension project, under extreme time constraints due to lapsing Federal Funding. The EIS work involved project scoping, alternative route analysis, preliminary engineering, traffic and environmental impact studies, interagency and public informational meetings, public hearings, and obtaining rights of entry. The design work, which at times ran concurrent to the EIS work, involved highway design, hydraulic and structural design for stream and drainage crossings, retaining wall design, NPDES permitting, and FEMA Flood Map revisions. Working as a team, with both our sub-consultants as well as numerous agency partners, was critical to ensure that the project met key deadlines in the extremely time constrained schedule.

Client: County of Hawaii, Department of Public Works – Ben Ishii

Phone (808) 961-8327

Debris Removal and Immediate Emergency Repairs at Various Locations on Hawaii, Project No.: ER-15 (4) for Mamalahoa Highway (Route 190)

District of South Kohala, North Kona, Island of Hawai`i

Design Completion: 2006

Five days after the 10/15/2006 earthquake, Okahara was asked to assist with emergency repairs to Mamalahoa Highway. Given the extent of the island-wide damage and the emergency nature of the situation, DOT staff was stretched thin and the detailed scope of work was unknown. Before commencing with design, significant background information was required including field observation, determination of design parameters, obtaining right of entry, etc. Okahara retained sub-consultants and assigned several staff members to key areas and this Okahara Team worked

concurrently to expedite the plan preparation and right of entry acquisition. The Team worked closely with DOT staff to coordinate the scope, assess damage site conditions (including inspection/letter report by geotechnical engineer), and prepare plans for construction, all within the rigorous timeframes set by DOT to ensure public safety. Okahara's experience with previous highway projects, its familiarity with the project area, and its relationships with personnel from various government/ private sector entities facilitated delivery of the required plans and right of entry on or ahead of DOT's schedule.

Client: State of Hawaii, Department of Transportation – Rob Lee
Phone (808) 938-9205

Pi'ihonua Reservoir No. 2 Replacement

County of Hawaii, Island of Hawaii
Design Completed: 2005

Prepared design documents for a new 2.0 million gallon concrete reservoir and booster pump station, including connections to existing waterlines as well as the demolition/removal of the existing 0.8 MG Piihonua Reservoir No. 2 and booster pump station. Site improvements included electrical work, instrumentation and controls (SCADA), facility piping, necessary earthwork, drainage facilities, AC pavement, chain link fencing, and landscaping.



Client: County of Hawaii Department of Water Supply-Kurt Inaba
Phone: (808) 961-8070

Taxiway Apron Drainage/Airfield Signs, Lights, Hilo International Airports, Project No. AH1021-15

State of Hawaii, Department of Transportation-Airports, Island of Hawai'i
Design Completed: 2011

Okahara prepared construction plans, specifications and estimate for the milling and resurfacing of a portion of Taxiway "C". Also included was pavement restriping and signage work. Estimated construction cost was approximately \$3,100,000.

Aircraft Apron Paving, Waimea-Kohala Airport, Project No. CH3220-33

State of Hawaii, Department of Transportation-Airports, Island of Hawai'i
Design Completed: 2012

Okahara prepared construction plans, specifications and estimate for the milling and resurfacing of a portion of the aircraft apron pavement. Also included was pavement restriping work. Estimated construction cost was approximately \$220,000.

Aircraft Apron Paving, Molokai Airport, Project No. CM2202-33

State of Hawaii, Department of Transportation-Airports, Island of Molokai
Design Completed: 2012

Okahara prepared construction plans, specifications and estimate for the milling and resurfacing of a portion of the aircraft apron pavement. Also included was pavement restriping work. Estimated construction cost was approximately \$347,000.

**Brig Road Drainage and Road Improvement, Hilo International Airport
Project No. AH 1051-18**

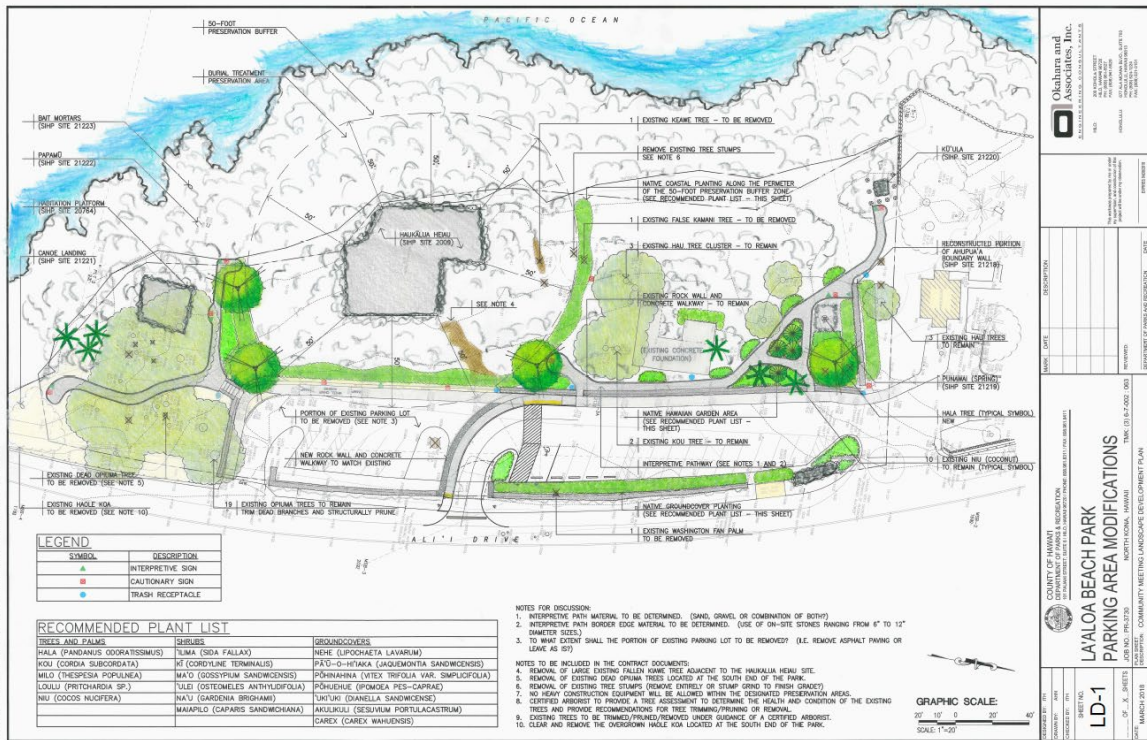
State of Hawaii, Department of Transportation-Airports, Island of Hawai'i
Design / Construction Completion: 2000 / 2002

Okahara & Associates, Inc. was the prime consultant on the project to resurface approximately 0.75 miles of roadway servicing the air cargo and general aviation facilities at Hilo International Airport. In addition, sections of road reconstruction and drainage improvements were required due to repeated flooding in certain areas. Severity of flooding over time resulted in a highly deteriorated pavement and occasional closure of some facilities. Responsibilities included facilitating a Functional Analysis Concept Development (FACD) process with Airports Division staff, tenants, and other interested parties to identify project requirements and needs. Based on the information gathered from the FACD sessions, a FACD report was prepared which formed the basis of design for the project. Roadway and drainage design was performed and construction plans, specifications, and estimates prepared. All required permits (Work in the County Right of Way, State Underground Injection Control, etc.) were obtained. Additional services included providing support through the advertising, bidding and construction phases of the project. Estimated construction cost was \$1,000,000.

La'aloa Beach Park Parking Area Modifications, Island of Hawaii

County of Hawaii, Department of Parks and Recreation
Design: 2018

Modify the existing parking lot egress and layout and address incidental site improvements. Civil engineering, landscaping plan for the entire park preserve area inclusive of irrigation system and interpretive pathway, and archaeological support services.



Kekaha Kai State Park Improvements, Kona, Hawaii
 State of Hawaii, Department of Land and Natural Resources
 Design Completed: 2015
 Park improvements for Kua Bay. Mahaiula, Kekaha Kai Access Road, and
 Ka'elemakule and Magoon Structures Restoration
 Estimated Construction Cost: \$950,000
 Wailoa River State Recreation Area Improvements, Hilo, Hawaii
 Design Completed: 2017
 Park improvements including 12' wide paved multi-use path, realign walkways, new
 gazebo, repair and replacement of family units, pavilion improvements, covered
 walkway improvements, comfort station improvements, restroom improvements, parking
 improvements including permitting.
 Estimated Construction Cost: \$2,781,832

PAST PERFORMANCE ON PROJECTS WITH SIMILAR SCOPE (MECHANICAL ENGINEERING)

University of Hawaii at Manoa, Various Building, Repair/Upgrade HVAC Control Systems

Honolulu, Hawaii

Design: 2021

This project entailed the design to install HVAC Direct Digital Control (DDC) upgrades. Upgrades included replacement and expansion of DDC controls spanning 5 separate DDC vendors to connect various HVAC systems throughout the campus. Approximate mechanical cost: \$1,460,000.

Haaheo Elementary School, Multi-Purpose Building

Hilo, Hawaii

Design: 2022

This project entailed the design of a new 14,000 sf Multipurpose Building and a new Computer Lab / Library. The Multipurpose building included a Kitchen, Food Storage, Assembly, Offices and Restrooms. Mechanical scope included designing HVAC and plumbing systems and assisting in the development of a construction phasing plan. Approximate mechanical cost: \$1,335,000.

State of Hawaii, Department of Education, Various Schools, Statewide GEMS AC Efficiency Replacement

Various Locations, Hawaii

Design: Ongoing

This project entailed the design to replace aging HVAC equipment including chillers, pumps, package air conditioning units, and ventilation systems at over 50 public schools throughout the State. Approximate mechanical construction cost: \$20,000,000+.

Department of Transportation, -Airports Division, Restroom Improvements

Hilo, Hawaii

Design / Construction: 2020 / 2021

This project entailed the design to renovate all of the major public restrooms at Hilo International Airport. The goal of the project was to modernize the bathrooms incorporating a service animal relief area, family areas, and ADA compliance while capturing the feel of Hilo Town through design elements. Mechanical scope of work included replacing all of the plumbing fixtures, replacement of all DWV piping, and bathroom HVAC system. Approximate combined cost: \$7,310,000.

Kalanimoku Building No. 3 Chiller and Cooling Towers

Department of Accounting and General Services

Honolulu, Oahu, Hawaii

Design / Construction Completion: 2004 / 2006

Okahara and Associates, Inc. was the prime and mechanical consultant on the project to replace a failing chiller and cooling towers serving Kalanimoku Building. Mechanical scope of work involved designing for the installation of a replacement 350 ton water cooled chiller, six 150 ton roof mounted cooling towers, condenser water pumps and chilled water pumps. Okahara's professional services included project management, preparation of a basis of design, design drawings, technical specifications, construction phasing notes, cost estimates, permit applications, permit variances, and construction administration. Estimated construction cost was \$840,000.

Kalanimoku Building Replace Air Handling Units, Controls, and Basement Exhaust Fans

Department of Accounting and General Services

Honolulu, Oahu, Hawaii

Design Completion: 2008

Okahara and Associates, Inc. was the prime and mechanical consultant on the project to replace failing air conditioning equipment. Mechanical scope of work involved designing for the installation of 114 chilled water air handling units and fan coil units, 2 DX split system air conditioning units, and 600,000 cfm of basement exhaust fans. Additionally, Okahara was tasked with analyzing and correcting air distribution issues, improving maintenance access to equipment and improving the overall efficiency of the HVAC system. Okahara's professional services included project management, preparation of a basis of design, design drawings, technical specifications, construction phasing notes and cost estimates. Estimated construction cost was \$5.3 million.

Outrigger Canoe Club, Sewer and Storm Drain System Improvements Phases I and II

Outrigger Canoe Club

Honolulu, Oahu, Hawaii

Design / Construction Completion: 2010 / 2010

Okahara and Associates, Inc. was the prime and mechanical consultant for a series of 3 related projects at the Outrigger Canoe Club to identify underground sewer and storm drain pipe failures, recommend alternatives to repair failing piping, and implement OCC selected repair recommendations. Mechanical scope of work involved conducting a forensic analysis of the existing underground piping system,

designing for the installation of cured-in-place pipe lining in underground piping larger



than 4-inches in diameter, replacing underground piping 3-inches and smaller in diameter, replacing selected plumbing fixtures, replacing four 120-gallon hot water storage tanks and installing a 750 gallon grease interceptor. Additionally, Okahara was tasked with preparing a design that would minimize disruptions to normal club activities. Okahara's professional services included project management, preparation of an engineering report, design drawings, technical specifications, construction phasing notes, cost estimates, permit applications, coordinating SMA and Archaeological efforts, and construction administration. Estimated construction cost was \$2.3 million.

Enchanted Lake Wastewater Pump Station Upgrade

City and County of Honolulu

Kailua, Oahu, Hawaii

Design / Construction Completion: 2009 / 2014

Okahara and Associates, Inc. was the prime, civil and mechanical consultants on the project to identify existing pump station deficiencies, prepare an engineering report, and implement the recommendations selected by the City. Among the deficiencies were pumping capacity shortfalls, code issues, and outdated equipment. Mechanical scope of work involved designing for the installation of larger capacity replacement sewage pumps, new above ground diesel fuel system, replacing portions of the force main, engine generator exhaust system, emergency combination eye wash / shower, ventilation system and electrical room air conditioning system. Additionally, Okahara was tasked with designing temporary features to allow the pump station to operate during construction. Such features included a temporary engine generator, fuel system and package self priming pump. Okahara's professional services included project management, preparation of an engineering report, design drawings, technical specifications, construction phasing notes, cost estimates, permit applications and construction administration.

Temporary Program Facilities at Waiawa Correctional Facility, Kulani Correctional Facility and Hale Nani

Oahu and Hawaii, Hawaii

Design / Construction Completion: 2009 / 2009

Okahara and Associates, Inc. was the civil and mechanical sub-consultants on the project to design for new "Sprung" type Program Buildings at three Department of Public Safety facilities. The mechanical scope of work involved designing for new air conditioning and penitentiary grade bathroom plumbing fixtures. Of note is that the project was designed and constructed in under 12 months. Okahara's professional services included preparation of design drawings, technical specifications and a basis of design. Estimated mechanical construction cost was \$850,000.



Airport Lounge Renovation, Honolulu International Airport, Project No. C01806-63

State of Hawaii, Department of Transportation-Airports, Oahu, Hawaii

Design / Construction Completion: 2008 / 2009

Okahara and Associates, Inc. was the mechanical sub-consultant on the project to renovate an existing airport lounge at Honolulu International Airport. The mechanical scope of work involved designing for the installation of replacement air conditioning systems and plumbing systems. Okahara's professional services included preparation of design drawings, technical specifications, cost estimates, a basis of design and assist with a LEED application. Estimated mechanical construction cost was \$230,000.

Honolulu IAB Secondary Processing Area and Second Floor Ceiling Replacement, Honolulu International Airport, Project No. AO1037-27

State of Hawaii, Department of Transportation-Airports, Oahu, Hawaii

Design Completion: 2010

Okahara and Associates, Inc. was the mechanical sub-consultant on the project to isolate the Customs and Immigration portions of IAB from the remainder of the building with new walls. The mechanical scope of work involved designing for the installation of new roof top package DX units, fume hood, exhaust fans, ductwork, VAV boxes, EMCS controls and appurtenances. Okahara's professional services included preparation of design drawings, technical specifications, cost estimates and a basis of design. Estimated mechanical construction cost was \$1.2M.

Installation of Washrack, Kona International Airport, Project No. AH2072-20

State of Hawaii, Department of Transportation-Airports, Island of Hawai'i

Design / Construction Completion: 2006 / 2010

Okahara and Associates, Inc. was the prime, civil and mechanical consultants on the project to construct new washracks for airport vehicles and small aircraft. The mechanical scope of work involved designing an automatic sewer/storm drain diversion valve system, booster water pump, above ground oil / water separator, bag filter and activated carbon treatment vessel. Okahara's professional services included project management, preparation of design drawings, technical specifications, cost estimates and a basis of design. Estimated construction cost was \$700,000.

**Moloka'i ARFF Improvements, Moloka'i Airport
Project No. AM2031-14, AIP No. 3-15-0011-09**

State of Hawaii, Department of Transportation-Airports, Island of Molokai

Design Completion: 2009

Okahara and Associates, Inc. was the mechanical sub-consultant on the project to construct a new Aircraft Rescue and Fire Fighting station at Moloka'i Airport. The mechanical scope of work involved designing for the installation of a new VRF air conditioning system, fire fighting vehicle exhaust system, exhaust fans, plumbing systems, solar water heating system, fire fighting foam dispensing system, compressed air system, oil / water separator, and fuel system for vehicle dispensing and emergency genset use. Okahara's professional services included preparation of design drawings, technical specifications, cost estimates and a basis of design. Estimated mechanical construction cost was \$960,000.

ARFF Station Miscellaneous Repairs & Improvements, Kahului Airport

Project No. CM1004-43

State of Hawaii, Department of Transportation-Airports, Island of Maui

Design Completion: 2010

Okahara and Associates, Inc. was the mechanical sub-consultant on the project to upgrade an existing Aircraft Rescue and Fire Fighting station at Kahului Airport. The mechanical scope of work involved designing for the installation of a new vehicle fuel dispensing system with key card, fuel monitoring system, above ground fuel storage tank, dispenser and oil / water separator. Okahara's professional services included preparation of design drawings, technical specifications and cost estimates. Estimated mechanical construction cost was \$150,000.

PAST PERFORMANCE ON PROJECTS WITH SIMILAR SCOPE (ENERGY AUDITS AND RETRO COMMISSIONING)

Ali'iolani Hale, Planning to Assess Indoor Air Quality and AC System

The intent of the assessment was to determine whether the air conditioning system is causing or contributing to confirmed cases of fungal growth, provide repair or replacement recommendations and provide an opinion of probable construction cost to implement the recommendations. The mechanical scope included observing the physical condition of equipment, calculating required equipment capacity, evaluating existing equipment capacity versus required capacity, reviewing preventative maintenance practices and reviewing sequences of operation.

Kapuaiwa Building, Planning to Assess Indoor Air Quality and AC Systems

State of Hawaii, The Judiciary

The intent of the assessment was to investigate the air conditioning system, provide repair or replacement recommendations and provide an opinion of probable construction cost to implement said recommendations to address reports of poor indoor air quality in the building's basement. The mechanical scope included observing the physical condition of equipment, calculating required equipment capacity, evaluating existing equipment capacity versus required capacity, reviewing preventative maintenance practices and reviewing sequences of operation.

Hawaii Department of Agriculture, Retrocommissioning Report and ECM Design

The intent of the project was to develop a report assessing the condition and operating parameters of existing mechanical systems and to provide mechanical design services to implement the recommended improvements and energy conservation measures. The retrocommissioning report consisted of analyzing utility bills (electric and gas), assessing the building's mechanical and plumbing systems, uncovering operational inefficiencies, developing energy conservation measures (ECM), evaluating associated energy savings, determining initial capital costs, and evaluating return on investment. Mechanical systems included DX and CHW air conditioning systems, laboratory fume hood ventilation systems and domestic hot water heating systems. The design phase implemented select ECM's from the retrocommissioning reports including air conditioning and ventilation system improvements, PV panel installation and lighting retrofits.

Punahou School, Energy Audit Report and AC Improvements Design

The energy audit report consisted of analyzing utility bills (electric, PV and gas), assessing the campus' mechanical and plumbing systems, developing energy conservation measures (ECM), evaluating associated energy savings, determining

initial capital costs, and evaluating return on investment. Mechanical systems included DX and CHW air conditioning and ventilation systems, direct digital control (DDC) systems, domestic and swimming pool hot water heating systems, domestic booster water pumping system, and swimming pool circulation system. The AC improvements design phase implemented select air conditioning ECM's from the energy audit phase including approximately 200 tons of VRF and DX split systems and DDC controls.

CAPACITY TO ACCOMPLISH THE WORK IN THE REQUIRED TIME

The ability to accomplish the work within the timeframes specified is dependent on the following factors:

Current Project Workload/Available Staffing

Okahara's staff members are available to work on potential COH DEM jobs.

Knowledge and Experience

Okahara's technical knowledge and experience with similar projects will aid in the ability to complete the work on time. The previously described project summaries and attached personnel resumes illustrate the project experience that our team brings to the table.

Based on our experience, we feel an important component of completing any given project on time is proper planning and scheduling. We work with the client and our sub-consultants to establish the critical path and required timeframes for their work at the onset to establish the master project schedule. Long lead time items will be identified early so adequate time can be allocated to these tasks.

Ability to establish and maintain productive working relationships

Okahara's team attitude extends, beyond our sub-consultants, to our clients and regulatory agency partners as well, since all parties working together is necessary to complete a project on time. We believe the keys to establishing such relationships are effective communication and trust amongst all team members. Regarding communication, while we fully utilize technology to disseminate information, we also believe that a follow-up phone call is often more effective than an on-going e-mail thread, and a face to face meeting even more so. We incorporate these "low tech" methods often to keep the project moving and to also ensure that personalized service is retained in our working relationships. Effective communication can only occur if trust is established between team members. Okahara strives to earn trust by providing honest and accurate recommendations/work and following through on commitments. Through the many years in business, Okahara has established and maintained many productive working relationships which help us in our efforts to complete subsequent work.

Commitment

Okahara is committed to do everything necessary to complete the project, including accelerating production, assigning additional staff and resources, and working overtime. This is possible because of the positive team-oriented attitude of the employees which is part of the company's culture and is recognized and rewarded by the management. We are committed to providing quality engineering service to our clients and moreover these projects are more than just jobs but also opportunities for us to serve and improve the communities in which we, and our family and friends, live and work.

**7. PROMOTIONAL OR DESCRIPTIVE
LITERATURE**

B. Okahara Company Brochure



Okahara and Associates, Inc.
ENGINEERING CONSULTANTS



ENGINEERS | LANDSCAPE ARCHITECTS

Civil Engineering
Mechanical Engineering
Landscape Architecture

//
OUR
COMPANY

Established in 1979, Okahara and Associates, Inc. (Okahara) is a Hawaii engineering corporation with offices in Hilo and Honolulu. A multi-discipline consulting firm, Okahara specializes

in civil, mechanical, and landscape architecture projects. Okahara is a small, minority-owned business with licensed civil and mechanical engineers and registered landscape architects.



Imiloa Astronomy Center, Hilo, Hawaii

//
OUR
PROJECTS

For over 40 years as prime and subconsultant, Okahara has successfully completed thousands of projects for private sector and government clients, including architects, developers, commercial and industrial entities, federal

government, State of Hawaii, City and County of Honolulu, and the Counties of Kauai, Maui, and Hawaii. Projects range from the very complex to single-task goals.



HMSA Office Building,
Keaau, Hawaii



Island Distillers
Honolulu, Hawaii



Keaukaha Military
Reservation
Hilo, Hawaii



Pearl City Elementary
School Library
Pearl City, Hawaii



The Church of
Jesus Christ of
Latter-day Saints
Lahaina, Hawaii



Daniel K. Inouye Highway
(Saddle Road), Hawaii



Liliuokalani Park, Hilo, Hawaii



Services include engineering studies, design services, and permit applications relating to site development, infrastructure design (roads, water, storm, drain, sewer), HVAC, plumbing (fuel and sewer), cost estimates and cost control.

Okahara strives for quality and efficiency through due diligence, effective client communication, proven design methods, innovative software, and an internal quality control program to develop tailor-made solutions for our clients.



CIVIL ENGINEERING

- Site Work Design
- Subdivision Design
- Highway Design
- Water System Design
- Wastewater System Design
- Hydrologic/Hydraulic Design
- Watershed Studies
- Permitting



MECHANICAL ENGINEERING

- Pump Station Design
- HVAC System Design
- Plumbing System Design
- Fuel System Design
- Energy Efficiency Design
- Retro-commissioning



LANDSCAPE ARCHITECTURE

- Landscape Design
- Irrigation Design
- Landscape Lighting Design
- Landscape Construction Management and Consultation
- ISA Certified Arborist Consultation
- NRPA Certified Playground Safety Inspector



PROJECT MANAGEMENT

- Design Management
- Team Coordination and Collaboration
- Project Scheduling
- Cost Estimating
- Risk Management
- Document Control
- Time Recording and Tracking



OUR PEOPLE

Diverse engineering backgrounds of the technical staff enable Okahara to address varying client needs. The firm's principals have over 55 years of combined expertise. Engineers receive continuous training, enabling them to produce quality projects within the technical time and financial parameters established by each client.

A member of the United State Green Building Council (USGBC) with staff accredited as Leadership in Energy and Environmental

Design (LEED) professionals, the firm is a strong proponent of sustainable design, incorporating many LEED features in the design of their projects ranging from heat recovery devices, natural ventilation, and ocean water cooling.

Okahara emphasizes a team-based work environment conducive to employee growth, gratification, and recognition. The firm has consistently ranked as one of Hawaii's Best Places to Work by Hawaii Business magazine.

TRUSTED
**ENGINEERS
LANDSCAPE ARCHITECTS**

Our Mission

With a commitment towards engineering excellence and a dedication to provide total client satisfaction, Okahara is a team-oriented company mutually striving for unparalleled quality and efficiency, offering a work environment conducive to employee growth, gratification and recognition.



Shipman Industrial Park, Keaau, Hawaii
Civil engineering for the third largest industrial park in the state.



Kohala High School STEM Facility, Kapaau, Hawaii
State-of-the-art science, technology, engineering and math facility.



Institute of Pacific Islands Forestry, Hilo, Hawaii
Civil site development for this center for research and technology transfer.

Cover Photo: Prince Kuhio Plaza, Hilo, Hawaii



Okahara and Associates, Inc.
ENGINEERING CONSULTANTS

Hilo Office:
200 Kohola Street
Hilo, Hawaii 96720
Tel: (808) 961-5527
Fax: (808) 961-5529
Email: hilo@okahara.com

Honolulu Office:
677 Ala Moana Blvd., Ste. 703
Honolulu, Hawaii 96813
Tel: (808) 524-1224
Fax: (808) 521-3151
Email: oahu@okahara.com

www.okahara.com

**7. PROMOTIONAL OR DESCRIPTIVE
LITERATURE**

C. Current Engineers Licenses



Okahara and Associates, Inc.
CIVIL AND MECHANICAL ENGINEERING CONSULTANTS

KEY PERSONNEL

<u>Employee Name</u>	<u>Professional License Number</u>	<u>Expiration</u>
Tyson T. Toyama	10226 Mechanical	4/30/2026
Bruce K. Meyers	8336 Civil	4/30/2026
Charles L. Jury	13190 Civil	4/30/2026
Matthew K. Fujioka	11473 Civil	4/30/2026
Gregg H. Kuwahara	14522 Civil	4/30/2026
Norman S. H. Leong	15285 Civil	4/30/2026
Alan H. Nishimura	15517 Civil	4/30/2026
Kiu Chor F. Cheng	19245 Mechanical	4/30/2026
Cody A. Miprano	19249 Civil	4/30/2026
Antonio Dominic Yuuki Isom	20808 Mechanical	4/30/2026
Joel S. Nakamoto	9895 Civil	4/30/2026
Irvin T. Higashi	8771 Landscape Architect	4/30/2026

Hilo Office: 200 Kohola Street • Hilo, HI 96720-4323 • Phone: (808) 961-5527
Honolulu Office: 201 Merchant Street • Suite 1650 • Honolulu, HI 96813-2972 • Phone: (808) 524-1224
Email: admin@okahara.com • Fax: (808) 961-5529

Ranked as one of Hawaii's Best Places to Work in 2025 by Hawaii Business Magazine

TYSON T TOYAMA
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER



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

License Number PE-10226	Expiration date 4/30/2026		CLASSES (ACTIVE): ME Mechanical
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): ME MECHANICAL			
TYSON T TOYAMA 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
SIGNATURE OF LICENSEE _____			

BRUCE K MEYERS JR
200 KOHOLA ST
HILO, HI 96720

PROFESSIONAL ENGINEER

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

License Number PE-8336	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
BRUCE K MEYERS JR 200 KOHOLA ST HILO, HI 96720			
 SIGNATURE OF LICENSEE			

CHARLES L JURY
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER

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

License Number PE-13190	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
CHARLES L JURY 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
			
SIGNATURE OF LICENSEE			

MATTHEW K FUJIOKA
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813

PROFESSIONAL ENGINEER




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

License Number PE-11473	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
MATTHEW K FUJIOKA 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813			
			
SIGNATURE OF LICENSEE _____			

GREGG H KUWAHARA
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER




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

License Number PE-14522	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
<small>STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS</small>			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
GREGG H KUWAHARA 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
			
SIGNATURE OF LICENSEE			

NORMAN S H LEONG
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER


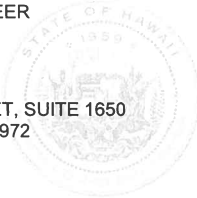

NOTICE THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number PE-15285	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
<small>STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS</small>			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
NORMAN S H LEONG 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
 SIGNATURE OF LICENSEE			

ALAN H NISHIMURA
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER

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

License Number PE-15517	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
<small>STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS</small>			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
ALAN H NISHIMURA 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
 SIGNATURE OF LICENSEE			

KIU CHOR F FRANCIS CHENG
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

PROFESSIONAL ENGINEER




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

License Number PE-19245	Expiration date 4/30/2026		CLASSES (ACTIVE): ME Mechanical
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): ME MECHANICAL			
KIU CHOR F FRANCIS CHENG 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972			
			
 SIGNATURE OF LICENSEE			

CODY A MIPRANO
200 KOHOLA ST 96720-4323
HILO, HI 96720

PROFESSIONAL ENGINEER

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

License Number PE-19249	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
<small>STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS</small>			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
CODY A MIPRANO 200 KOHOLA ST 96720-4323 HILO, HI 96720			
			
 SIGNATURE OF LICENSEE			

ANTONIO DOMINIC YUUKI ISOM
3009 ALA MAKAHALA PL APT. 701
HONOLULU, HI 96818

PROFESSIONAL ENGINEER




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

License Number PE-20808	Expiration date 4/30/2026		CLASSES (ACTIVE): ME Mechanical
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): ME MECHANICAL			
ANTONIO DOMINIC YUUKI ISOM 3009 ALA MAKAHALA PL APT. 701 HONOLULU, HI 96818			
			
SIGNATURE OF LICENSEE _____			

JOEL S NAKAMOTO
200 KOHOLA STREET
HILO, HI 96720

PROFESSIONAL ENGINEER

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

License Number PE-9895	Expiration date 4/30/2026		CLASSES (ACTIVE): CE Civil
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): CE CIVIL			
JOEL S NAKAMOTO 200 KOHOLA STREET HILO, HI 96720			
 SIGNATURE OF LICENSEE			

IRVIN T HIGASHI
201 MERCHANT STREET, SUITE 1650
HONOLULU, HI 96813-2972

LANDSCAPE ARCHITECT

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

License Number LA-8771	Expiration date 4/30/2026		CLASSES (ACTIVE):
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS LANDSCAPE ARCHITECT IRVIN T HIGASHI 201 MERCHANT STREET, SUITE 1650 HONOLULU, HI 96813-2972  _____ SIGNATURE OF LICENSEE			

**7. PROMOTIONAL OR DESCRIPTIVE
LITERATURE**

D. Letters of Recommendation and Awards



October 23, 2013

To Whom It May Concern:

As President of the Parkland Gardens AOA Board of Directors, I am pleased to offer this letter of recommendation on behalf of Okahara and Associates, Inc.

Over two years ago, the Parkland Gardens Board of Directors became aware of a growing problem with sewer pipe failures in the building and we consulted with Mr. Tyson Toyama of Okahara and Associates regarding our options to address this concern. The board decided to contract with Okahara and Associates to conduct an investigation of Parkland Gardens' sewer system and to recommend alternative remediation options. The investigation included a pilot project involving the repair of the sewer pipes of two units that had been experiencing numerous failure problems and limited CCTV videoing services. The results of the investigation indicated that the cast iron sewer pipe and joints had failed throughout the building and appeared to have reached the end of their useful life; and it was recommended that the Board take immediate steps to replace the sewer system. Mr. Toyama presented these findings and recommendation to the building owners at the annual meeting held in January 2013 and was instrumental in convincing the owners of the urgency of addressing this complex and costly problem.

Okahara and Associates then played a key role in assisting the Board in the implementation of the sewer pipe replacement project by:

- Preparing bid and permit drawings and specifications
- Applying for a building permit
- Soliciting bids from contractors
- Evaluating contractors' bids and making recommendation regarding selection of a contractor
- Soliciting bids and assisting in the selection of a construction manager
- Arranging for a hazardous material survey in the project area
- Reviewing the construction contract in cooperation with our attorneys

As a result of the excellent work of Mr. Toyama and Okahara and Associates, SageWater commenced work on this project on October 21 and is expected to complete it on or before December 21, 2013.

Throughout this long and arduous process, Mr. Toyama's professional expertise and personal and communication skills provided the Board with the assurance we needed to move ahead on this project in an efficient and timely manner. There is no question in my mind that we would not have been able to convince our owners of the urgency of undertaking this over \$1 million project, as well as initiate its implementation before the end of this year, without the assistance of Mr. Toyama and Okahara and Associates.

We feel very fortunate to have had Okahara and Associates as the engineering consultants on our project and we recommend them to you without reservation.

Sincerely,

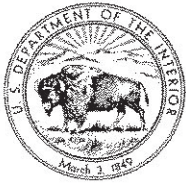
A handwritten signature in black ink, appearing to read "Carl Takamura", written in a cursive style.

Carl Takamura
President, Parkland Gardens AOA Board of Directors

www.AssociaHawaii.com

MAIN OFFICE 737 Bishop Street, Mauka Tower, Suite 3100 | Honolulu, Hawaii 96813 | (808) 836-0911 | Fax (888) 608-4021
KONA 75-169 Hualalai Road | Kailua-Kona, Hawaii 96740 | (808) 329-6063 | Fax (808) 326-2486
KAUAI 4-1579 Kuhio Highway, Suite 102 | Kapaa, Hawaii 96746 | (808) 821-2122 | Fax (808) 821-2131
MAUI 375 Huku Lii Place, Suite 207 | Kihei, Hawaii 96753 | (808) 243-9565 | Fax (808) 244-7848

Delivering unsurpassed management and lifestyle services to communities worldwide.



United States Department of the Interior

Hawaii Volcanoes National Park
P. O. Box 52
Hawai'i National Park, HI 96718-0052
808/985-6000
808/967-8186 (FAX)

In Reply Refer to:

D30

Okahara and Associates, Engineers
200 Kohola Street
Hilo, HI 96720

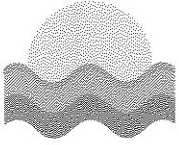
Working with Okahara and Associates has been a beneficial experience to Hawaii Volcanoes National Park Maintenance Division, and I would recommend that they be considered for future National Park projects. I have requested them as sub-contractors for future projects through the Federal Highway Administration and the Hawai'i Department of Transportation.

The staff at Okahara and Associates have been flexible and creative in coordinating between federal and state engineering standards and respecting the National Park perspective on aesthetics and preservation. They have developed viable solutions to the satisfaction of all of the agencies involved in the design and construction of roads in Hawai'i Volcanoes National Park. They have provided efficient, cooperative personnel to devote full attention to our projects and they have produced a thorough job on schedule. I would recommend them for any type of project that requires interagency coordination, creative engineering solutions, and timely schedule. I look forward to working with the firm in the future.

Should you have any questions, please contact me at (808) 985-6055.

Sincerely,

Bob Dunkley,
Chief of Maintenance



**HAWAII
ISLAND
Economic
Development
Board**

July 14, 2003

PMB-281
200 Kanoiehua Avenue
Hilo, Hawaii 96720-4648
Ph: (808) 966-5416
Fax: (808) 966-6792
e-mail: hiedb@verizon.net
website: www.hiedb.org

TO WHOM IT MAY CONCERN

Re: Letter of Recommendation
Okahara & Associates

My name is Paula Helfrich, President of the Hawaii Island Economic Development Board and Secretariat for the Saddle Road Task Force. The Task Force was formed to integrate the Big Island Community with the project.

For many years, the Saddle Road Task Force has enjoyed a close working relationship with Okahara & Associates on issues related to the Saddle Road Project. We have enjoyed the opportunity to assist in developing Hawaii Island's only cross-island highway. Technical expertise and diplomacy are extremely important for us in moving this project forward.

On behalf of the Task Force, we fully support the continued efforts of Okahara & Associates, Inc. in pursuit of this project as well as other projects.

Okahara & Associates, Inc. is well known for their hard work, commitment and perseverance and board understanding of local issues and resources.

Sincerely,

Paula Z. Helfrich
President



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
PACIFIC OCEAN DIVISION, CORPS OF ENGINEERS
FORT SHAFTER, HAWAII 96858-5440

May 17, 2001

Directorate of Military and Management

Mr. Donald Okahara
President
Okahara & Associates
200 Kohala Street
Hilo, Hawaii 96720

Dear Mr. Okahara:

This is a short note to extend my personal appreciation for your long-standing service to the U.S. Army Corps of Engineers and to our nation. Throughout the years, your firm has performed exceptionally as a true partner and member of our Project Delivery Teams. You and your team's contributions have been critical to our mission of increased military readiness and improving the quality of life for our service members throughout our region. I look forward to you and your team's continued service to our nation and membership in our "Team of Teams".

I would like to wish you continued success and good health. Thanks, once again, for all your great contributions to our great nation!

Sincerely,

A handwritten signature in black ink, appearing to read "T. Ushijima", written over a horizontal line.

Thomas M. Ushijima, P.E.
Director of Military and Management

2024 ACECH ENGINEERING EXCELLENCE AWARDS

On March 16, the 2024 American Council of Engineering Companies of Hawaii (ACECH) Engineering Excellence Awards (EEA) was held at the Japanese Cultural Center of Hawaii. Over 150 guests attended the banquet where four outstanding projects of the past year were honored. We would like to thank our sponsors for their generosity and our volunteers for helping to make this event happen.

The EEA is a program that celebrates and acknowledges exceptional work within the engineering community. It recognizes projects that demonstrate the highest level of merit and creativity. For over 40 years, ACECH has sent the highest-ranked winners from our local competitions to the ACEC national competition, considered one of the world's most prestigious competitions.

This year's Grand Conceptor Award recipient, the highest honor at EEA, was the Punaluu Stream Restoration Project entered by AECOM. The winner of the Excellence Award was Waiiahole Potable Water System Emergency Repairs submitted by Okahara and Associates, Inc., while Ala Moana Regional

Park – Pedestrian Bridge, Canal Wall, and Pond Improvements by Bowers + Kubota Consulting, Inc. and the Wailua Sewage Pump Station No. 1 Rehabilitation by The Limtiaco Consulting Group were each awarded the Honor Award.

Grand Conceptor Award Winner: Punaluu Stream Restoration Project

Entering Firm: AECOM

Client/Owner: Kamehameha Schools Bishop Estate

Located in Windward Oahu, the Punaluu Flood Mitigation and Stream Restoration project restored the Punaluu Stream floodplain to a more natural state, allowing the high-volume flow of the periodic high-water events to spread over a wider area and maintain a lower velocity, and increasing the holding capacity of the floodplain, both of which reduced the potential of flooding to adjacent properties. The increased holding capacity and reduced flow velocity also reduced the amount of sediment that is carried in the ocean and onto the reefs by high-water events. Additionally, the expansion of the stream estuary and other

wetlands greatly increased the habitat area for endangered Hawaiian waterbirds and other wildlife. This first-of-its-kind project was performed in a culturally sensitive area that has been inhabited for hundreds of years, and was done in a manner that was respectful to the land, the people, and the future of the Punaluu Valley.



Punaluu Stream Restoration Project at Substantial Completion

continued on page 6

2024 HAWAII MATHCOUNTS STATE COMPETITION

Results of annual, preeminent middle school math competition

The 41th Hawaii MATHCOUNTS State Competition took place at the Ewa-Makai Middle School On March 9, 2024. This was the second year in a row that the competitions were held at a public school on Oahu. Previous competitions usually took place at Kamehameha Schools Kapalama. Competing middle school students worked on 48 math problems in the three rounds of the competition to determine the first place team and the four students going on to represent Hawaii and compete in the May 13-14, 2024 RTX MATHCOUNTS National Competition in Washington, DC.

Five Oahu schools earned the honor to move on to this Hawaii State MATHCOUNTS Competition after competing in the February 17, 2024 Oahu Chapter Competition at Kapolei Middle School. Placing first was the Washington Middle School team coached by Sung Park, in second place was Iolani School coached by Joseph Guillou, third place to Punahou School and Coach Yun Choe, fourth place Kamehameha School and Coach Wen Wan Lieu, and fifth place Highlands Intermediate and Coach Deborah Nakagawa. Winner of the Countdown Round was Taehwan Jeon of Washington, and in second place was Evan Ho also from Washington. Forty-four students qualified to compete in the State Competition.

STATE COMPETITION RESULTS:

Iolani School took first place beating out Washington Middle School declaring Iolani Coach Joseph Guillou as the Hawaii MATHCOUNTS National Team coach. In third place was Punahou School.

In the individual written part of the State competition, the Sprint and Target Rounds, the top individual was Austen Uezu of Iolani School followed by Evan Ho of Washington, in third place Alex Hudson of Iolani, fourth place Noah Shin of Punahou, and fifth place went to Noah L'Esperance of Washington. The top ten individual scoring students (Mathletes) compete in the final Countdown Round to determine the four Mathletes of the Hawaii National team.

The Countdown Round is a fast-paced, oral competition for the 10 top-scoring individuals of the Sprint and Target Rounds. Pairs of Mathletes compete against each other and the clock to solve math problems. Calculators are not permitted. The audience is always amazed at the speed these Mathletes solve the problems. The Hawaii MATHCOUNTS National team to compete in Washington, DC includes Countdown Round 1st place Evan Ho of Washington, 2nd place Austen Uezu of Iolani, 3rd place Noah Shin of Punahou, 4th place

Alex Hudson of Iolani, accompanying team coach Joseph Guillou of Iolani.



The 2024 Hawaii MATHCOUNTS National Team, L-R: Coach Joseph Guillou (Iolani), Ethan Ho (Washington), Austen Uezu (Iolani), Noah Shim (Punahou), and Alex Hudson (Iolani)

MathCounts is a national enrichment, coaching and competition program that promotes middle school mathematics achievement through grassroots involvement in every U.S. state successful education partnerships involving

continued on page 6

ACECH, from Page 1

Excellence Award Winner: Waiahole Potable Water System Emergency Repairs

Entering Firm: Okahara and Associates, Inc.

Client/Owner: Hawaii Housing Finance and Development Corporation

The Hawaii Housing Finance and Development Corporation (HHFDC) owns and maintains a private potable water system which provides domestic and agricultural water for the Waiahole Valley Agricultural Park and Residential Lots Subdivision. The water system is the sole source of potable water for the users and consists of two groundwater wells located at the base of the Koolau Range, near the Waiahole Ditch system. On March 8, 2021, heavy rains and flooding caused extensive damage to the water wells and put the quality and reliability of the water system in jeopardy. An emergency proclamation and resourcefulness of the project team resulted in expedited design documents and procurement of a contractor. Both occurred in less than 6 weeks' time. Construction was also expedited, and the well site was restored to a better condition and the residences of Waiahole Valley received safe and reliable water service the entire time.



Waihole Well Site Repaired

Honor Award Winner: Ala Moana Regional Park – Pedestrian Bridge, Canal Wall, and Pond Improvements

Entering Firm: Bowers + Kubota Consulting, Inc.

Client/Owner: City and County of Honolulu; Department of Design and Construction, City and County of Honolulu

With about 90 years of service and estimated visitor base of 4 million annually, the Ala Moana Regional Park (AMRP) needed restoration and enhancement. To restore and enhance the AMRP's features for the public good, the City and County of Honolulu repaired collapsed and damaged canal walls, expanded pedestrian access at the Piikoi and Queen Street entries, and improved pond edges and paths. The project restored and enhanced the park for our community while also minimizing impacts to the environment. The public and resident wildlife will certainly enjoy the iconic scenery and improved resources that the AMRP offers.



Ala Moana Regional Park Improvements. The collapsed wall on far side of the existing canal was replaced with mechanically stabilized earth wall with geosynthetic reinforcement.

Honor Award Winner: Wailua Sewage Pump Station No. 1 Rehabilitation

Entering Firm: The Limtiaco Consulting Group

Client/Owner: County of Kauai, Department of Public Works, Division of Wastewater Management

The County of Kauai (COK) faced a public health and environmental problem with one of its wastewater pump stations in the Wailua region. One of the two existing pumps no longer functioned, leaving the COK at risk of wastewater spills in the event of a pump failure. To solve this, The Limtiaco Consulting Group created a plan and designed a facility upgrade. A major step in this retrofit was decommissioning the underground equipment chamber of the pump station and adding two new pumps into the existing underground sewage holding structure. To ensure the longevity of the system, the sewage holding structure was treated with corrosion resistant epoxy coating and new pumping equipment was installed with improvement maintenance access. Even in the midst of the COVID-19 pandemic, the project was completed under a strict time constraint to ensure the public's health and safety.



Wailua upgraded pump station site

SAVE THE DATE – ACEC'S 2024 ANNUAL CONVENTION & LEGISLATIVE SUMMIT, MAY 13-MAY 16

Join fellow colleagues in Washington, D.C., for the American Council of Engineering Companies (ACEC) 2024 Annual Convention & Legislative Summit. This three-day event will take place from May 13 to 16 and has a packed schedule filled with amazing guest speakers, learning sessions, and networking opportunities. If you want to attend or learn more, please see the ACEC website or click this link: <https://www.acec.org/education-events/events/annual-convention/>.

GEAR UP FOR ACECH'S APRIL GENERAL MEMBERSHIP MEETING on 4/10

Remember to mark your calendars for the next General Membership Meeting (GMM), which will be held on Wednesday, April 10, 2024, at The Pacific Club Honolulu. The guest speaker for this GMM is Dr. Brennon Morioka, Dean of the College of Engineering at the University of Hawaii at Manoa. He will present on the state of the College of Engineering and its current initiatives to support students and our local engineering industry. To stay updated on this event, please go to <https://acechawaii.org/april-general-membership-meeting/>.

Deadline for Wiliki is April 15th

Mathcounts, from Page 1

volunteers, educators, industry sponsors and students. Former Presidents including Barack Obama, George W. Bush, Clinton, and Reagan have all recognized MATHCOUNTS in White House ceremonies.

ACKNOWLEDGEMENTS:

The Hawaii MATHCOUNTS State Coordinator is Nhut Pham, P.E. He is assisted by the Hawaii MATHCOUNTS Steering Committee. Sponsors of Hawaii MATHCOUNTS are Hawaiian Electric Company, Covanta Energy, Bowers Consulting, Ke'ehi Memorial Organization, Hawaii Society of Professional Engineers Educational Foundation and Armed Forces Communications and Electronic Association. Much gratitude is given to the many volunteers including proctors and scorers from organizations such as Hawaiian Electric Company, the US Army Corps of Engineers, the American Society of Civil Engineers YMF Hawaii, and the American Society of Mechanical Engineers Hawaii Section. Thanks to Ewa-Makai Middle School and Kapolei Middle School for the use of their facilities to conduct the 2024 competitions.

At the end of the State competition, the Award Presenters included Patricia Ishihara, State Mathematics Specialist, Hawaii Department of Education; Dr. Philip Bossert, Executive Director, Hawaii Association of Independent Schools; Sara Doi, P.E., President, Hawaii Society of Professional Engineers; and Jennifer Hoffman, Vice Principal, Ewa-Makai Middle School. The Masters of Ceremony was Lou Muzzarini, retired USACE.

The Hawaii Society of Professional Engineers (HSPE) annually sponsors and organizes the Hawaii MATHCOUNTS competitions.



The 2024 Hawaii MATHCOUNTS First Place Iolani Team, L-R: Coach Joseph Guillou, Austen Uezu, Alex Hudson, Irena Xu (missing from picture-Naoto Haruki)



Awarders-2024 Hawaii MATHCOUNTS award presenters, L-R: Jennifer Hoffman (Vice Principal, Ewa-Makai Middle School), Sara Doi (President, Hawaii Society of Professional Engineers), Dr. Philip Bossert (Executive Director, Hawaii Association of Independent Schools), and Patricia Ishihara (State Mathematics Specialist, Hawaii Department of Education).

2022 OUTSTANDING CIVIL ENGINEERING ACHIEVEMENT AWARD WINNERS

The American Society of Civil Engineers (ASCE) Hawaii Section is pleased to announce the 2022 Outstanding Civil Engineering Achievement (OCEA) Award winners. The purpose of this award program is to recognize projects that demonstrate important outstanding civil engineering accomplishments by Hawaii's design and construction professionals. To be eligible, projects were required to have been designed or constructed in Hawaii and completed within the last two years. Some of the key judging criteria included: Resourcefulness in planning and solving design challenges; contributions to the well-being of people and communities; pioneering use of materials and methods; Innovations in construction; minimization of impact on physical environment; and composite application.

The following projects and project teams were honored and presented with awards at the ASCE Hawaii Section OCEA Awards Ceremony, which was held on Friday, September 30 at the Kahala Hotel and Resort. Congratulations to our winners!

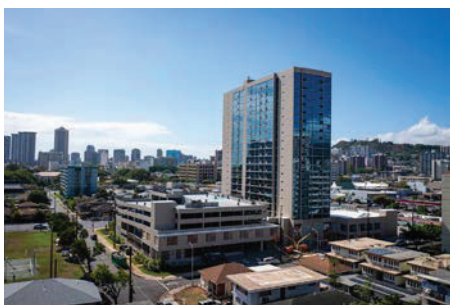
2022 Hawaii Section Outstanding Civil Engineering Achievement Award and 2022 Best Building/Structural Project

Project Name: **Hale Kalele**

Project Owner: **Kobayashi Group**

Submitted By: **BASE**

Hale Kalele is a mixed-use development featuring a 20-story affordable rental tower, a two-story Juvenile Center, and six-level parking structure. This project was a public-private partnership with developer Kobayashi Group and an unprecedented cross-agency enterprise between the Hawaii State Judiciary and the Hawaii Housing Finance and Development Corporation (HHFDC) to transform a State-owned, underutilized urban parcel, into a 200-unit affordable rental tower along with a new and upgraded Juvenile Center. Kobayashi Group expended extra time and energy to be mindful of the carbon footprint of the project and worked with the design and



construction team to develop a strategy to reduce the embodied carbon of the project. This included incorporating CarbonCure into the vertical construction. CarbonCure uses clean technology to create concrete with less cement, resulting in a reduced carbon footprint without comprising strength.

2022 Best Large Project

Project Name: **Awa Street Wastewater Pump Station Force Main and Sewer System Improvements**

Project Owner: **City and County of Honolulu Dept. of Environmental Services**

Submitted By: **Okahara and Associates, Inc.**

This project originally intended to address a consent decree project to upgrade the Awa Street WWPS by expanding its capacity. Showing the resourcefulness of the project team during the planning phase it was identified that redirecting wastewater flow by constructing a new trunk sewer along Waiakamilo Road, from North School Street to Nimitz Highway, would address three separate consent decree projects. Some notable aspects of this project were the innovation in construction materials and methods to deal with a challenging construction location and concerns of contaminated media in the area.



2022 Best Medium Project

Project Name: **Sand Island Wastewater Treatment Plant Outfall Shore Protection**

Project Owner: **City and County of Honolulu Dept. of Environmental Services**

Submitted By: **Sea Engineering, Inc.**

This project involved the design of shore protection for the coastal reach on Sand Island where the outfall critical infrastructure is potentially at risk. Some of the challenges included addressing erosion from nearly all sides, which resulted in a hook-shaped rubble mound structure that straddled the outfall pipe

corridor. Other notable aspects of this project included designing for sea level rise, pressure limitations on the pipe, and the need for constant communication between engineers and the contractor during construction and placement of the toe stones.



2022 Best Small Project

Project Name: **Waimea Wastewater Treatment Plant R-1 Process Optimization**

Project Owner: **County of Kauai Wastewater Management Division**

Submitted By: **Kennedy Jenks**

In 2021 the County of Kauai completed a rigorous project focused on improving the wastewater effluent quality at Waimea WWTP to generate R-1 recycled water for irrigation purposes, with a minimal \$30,000 capital investment. By leveraging the collective team's understanding of the WWTP, project goals were met by achieving Hawaii's regulatory requirements for R-1 recycled water. Expensive infrastructure construction was avoided by making simple adjustments to treatment processes driven by wastewater testing data. The project will result in the preservation of groundwater for potable use, as well as the reduction of injection wells used for wastewater effluent disposal.



Honor Awards

2010 ACECH Engineering Excellence Competition



EMERGENCY RESPONSE FOR FLOODING, ISLAND OF KAUAI

Emergency Response For Flooding At Various Locations, Island Of Kauai

ENTRANT: AECOM
CLIENT/OWNER: STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

For many years, Kauai residents suffered from severe flooding along sections of Highway 50, Kaunualii Highway, the main roadway link between Lihue in east Kauai and Hanapepe town on the west side. In Spring 2006, heavy rainstorms caused debris and rocks from steep roadside embankments to fall onto portions of the road, with flooding in other areas.

The State Department of Transportation (DOT), Kauai, took emergency mitigation measures. Despite a short time frame assigned for assessment preceding actual construction, engineers investigated and selected new products and technologies beyond the "tried and true," some to be used on Kauai for the first time. State-of-the-art erosion reinforcement mats, deep rock anchors, hydro-seeding and geo-cellular systems were installed to stabilize steep embankments and improve drainage systems. AECOM's effort to provide the best of engineering design and construction oversight helped the DOT achieve its mission to manage and maintain a safe highway for users in both storm and non-storm conditions.

Removal Of Former Base Landfill, Marine Corps Training Area - Bellows

ENTRANT: CH2M HILL
CLIENT/OWNER: U.S. AIR FORCE



REMOVAL OF FORMER BASE LANDFILL

CH2M HILL led the planning, design and construction to cost effectively remove a former landfill from a culturally and ecologically valued stretch of Bellows Beach in Waimanalo Bay, Oahu. Landfill removal included the recovery of 28 tons of inert military training munitions, disposal of 8,600 tons of soil and debris, and recycling of 14 tons of scrap metal. The site was backfilled and revegetated with native Hawaiian plants. Despite damaging storm winds during the construction, the discovery and protection of potential archaeological features, and recovery of discarded munitions debris, the project was successfully completed returning the area for mission-critical training as well as resident and visitor recreational use.

Makaua Stream Restoration And Debris Removal

ENTRANT: THE LIMTIACO CONSULTING GROUP
CLIENT/OWNER: DEPARTMENT OF LAND AND NATURAL RESOURCES

In February and March of 2006, the island of Oahu experienced a severe storm that lasted 40 days.

The storm caused significant damage to Makaua Stream in Kaaawa on the eastern shore. As much as 4-foot high accumulations of debris, boulders and sediment blocked the stream and the Kamehameha Highway bridge crossing, causing water levels to rise to dangerous levels and stream bank failures dangerously close to homes, posing risks to residents and the public.

The State Department of Land and Natural Resources responded to the natural disaster by using funding from the Emergency Watershed Pro-



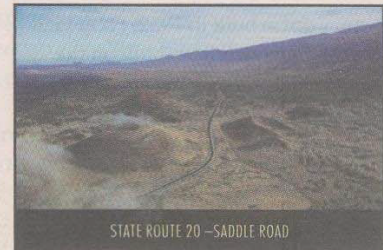
MAKAUA STREAM RESTORATION

tection Program. Under a fast-track schedule, The Limtiaco Consulting Group designed segmental retaining walls and grouted riprap lining to stabilize stream banks constructed with recovered materials and improve the capacity of the stream for future storm events.

State Route 20 -Saddle Road HI A-Ad/Stp 6(3) & 200(1) Project

ENTRANT: OKAHARA AND ASSOCIATES, INC.
CLIENT/OWNER: STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

The Saddle Road on the Island of Hawaii had its early beginnings when the Army built a road up to the Pohakuloa Training Area base camp in the 1940's. Up to the mid 90's, the road underwent some minor im-



STATE ROUTE 20 -SADDLE ROAD

provements that made it become for some, a poor passage at best between East and West Hawaii, becoming known as the most dangerous road of its kind in the State.

The Saddle Road project replaced nine miles road and constructed six miles of new 2-lane road with paved shoulders, climbing lanes, and pull-outs where interpretive signs will be installed; describing the more significant natural and historic resources along the route. To protect the native Hawaiian Palila Bird Habitat, the new Road includes a safe and effective but transparent firebreak system that is designed to keep lit cigarettes from leaving the pavement and starting fires. It also keeps vehicular traffic from going off-road, which is another cause of fires due to contact of brush with catalytic converters.

Statewide Storm Water Management Program

ENTRANT: PARSONS BRINCKERHOFF
CLIENT/OWNER: STATE OF HAWAII DEPARTMENT OF TRANSPORTATION

In June 2005, the State Department of Transportation (HDOT) engaged Parsons Brinckerhoff (PB) as their Master Consultant tasked with developing a comprehensive Statewide Storm Water Management Program (SSWMP) to meet rigorous and complex State and Federal environmental requirements.

The PB Team prepared the Oahu

Excellence in Highway Design 2010

Judges

FHWA would like to express its appreciation and gratitude to the following individuals for their contribution in judging the Excellence in Highway Design Awards.

Mr. Kenneth T. Briggs, PE
Practice Leader Highways
KCI Technologies
Sparks, Maryland

Mr. Dan Dennis, PE, PLS
President
Dennis Corporation
Columbia, South Carolina

Mr. Brian G. Thompson, PE
Director, Bureau of Project Delivery
Pennsylvania Department of
Transportation
Harrisburg, Pennsylvania

Mr. Jeffery R. Kullman, PE
AVP, District Director
PBS&J
Denver, Colorado

Mr. Kim L. McLaury, PE, PLS
President
McLaury Engineering
Elk Point, South Dakota

Mr. Tom Myers, PE
Project Manager
Wilcox Professional Services
Lansing, Michigan

Mr. Steven Hoff, PE
Vice President
HDR Engineering, Inc.
Souix Falls, South Dakota

Mr. Leo Scott, PE
Vice President
Gray-Bowen and Company
Walnut Creek, California

Mr. Daniel Baah, PE
Principal Project Manager
CH2M Hill
Dayton, Ohio

Mr. Richard Coakley, PE, PTOE
Principal Technologist
CH2M Hill
Milwaukee, Wisconsin

Mr. Jim DeLuca, PE
Project Development Coordinator
California Department of
Transportation
Sacramento, California

From streets that are the heartbeat of a community to dramatic modern bridges, the Federal Highway Administration's (FHWA) Excellence in Highway Design Biennial Awards Program recognizes outstanding highway transportation, highlighting the best in highway design. One of the critical challenges facing our industry is providing context sensitive highway solutions that enhance safety, improve mobility, protect the environment, make effective use of limited resources, and deliver projects in a timely manner. These award winners showcase how innovative practices and methods have been integrated into the development and delivery of these projects

to meet this challenge with resounding success.

The 2010 awards for Excellence and Honorable Mention in 10 categories were announced at the American Association of State Highway and Transportation Officials' annual meeting in Biloxi, Mississippi, held October 28-November 1. The individual awards will be presented to the winners at later dates by their local FHWA Division offices.

For more information on the awards program, contact Brooke Struve (phone: 202-366-1317 or email: brooke.struve@dot.gov) or visit www.fhwa.dot.gov/eihd.

Excellence Award Winners

Urban Highways: Freeways and Expressways

*Marquette Interchange Reconstruction
Milwaukee, Wisconsin*

The Marquette Interchange carries more than 300,000 vehicles daily through downtown Milwaukee--nearly half the state's commerce and tourism traffic. The reconstruction of this critical corridor has delivered a new, state-of-the-art, five-level interchange, which now stands as one of Milwaukee's most iconic structures and a re-birth of the original interchange designed in 1968.

*Designer: Milwaukee Transportation Partners
Contractor: Marquette Constructors
Owner: Wisconsin Department of Transportation*



Marquette Interchange Reconstruction

Urban Highways: Surface Streets

*State Route 376
Hooker Avenue to WB Route 44/55
Poughkeepsie, New York*

By modifying the intersections into modern roundabouts and reducing the number of lanes, the Hooker Avenue project significantly reduced delays, reduced speed, and increased safety. Using larger sidewalks, parking areas, and street imprint made for livable streets that now create a pedestrian friendly community.

*Designer: New York Department of Transportation
Contractor: Green Island Contracting, LLC
Owner: New York Department of Transportation*



Roundabout on State Route 376

Honorable Mention

Rural Highways: Highways

State Route 200, Saddle Road
Hawaii County, Hawaii

Saddle Road is the shortest and most direct cross-island route between east and west Hawaii and an important cross-island link between Hilo and the residential and resort areas along the Kona and Kohala coast. This 7-mile project removes conflicts between military training and the traveling public and provides a safe cross-island highway for the community.

Designer: Okahara and Associates, Inc.
Contractor: Goodfellow Brothers, Inc.
Owner: Department of the Army, FHWA Central Federal Lands Highway Division, and Hawaii Department of Transportation



State Route 200, Saddle Road

Structures (greater than \$10 million)

State Route 113, Gay Street Bridge
Phoenixville, Pennsylvania

The Gay Street Bridge Project replaced the massive twelve-span concrete arch bridge with a 973' steel structure that provides increased load capacity and maintains safe pedestrian, vehicular, and emergency traffic to downtown, while continuing its role as a prominent fixture and contributing element of the Phoenixville Historic District.

Designer: Johnson, Mirmiran and Thompson, Inc.
Contractor: Nyleve Bridge Corporation
Owner: Pennsylvania Department of Transportation



State Route 113, Gay Street Bridge

Structures (less than \$10 million)

State Route 9, Bridge Over Crum Elbow Creek
Hyde Park, New York

This project entailed the rehabilitation of historically and architecturally significant Bridge over Crum Elbow Creek, originally constructed in 1898 by the Vanderbilt family and considered an excellent example of the turn-of-the-century stone masonry arch bridge construction.

Designer: New York State Department of Transportation
Contractor: Sun Up Enterprises, Inc.
Owner: New York State Department of Transportation



Installation of supports under masonry arch

Excellence Award Winners

Structures (less than \$10 million)

Interstate 80, 4 Bridges in 37 Hours
Mountain Dell to Lambs Canyon
Salt Lake County, Utah

Since maintenance of traffic was driving project costs, the design-build team proposed replacement of the superstructure of all four I-80 bridges using self-propelled modular transporters. Innovative positioning of the temporary abutments at the lifting points eliminated additional stresses during the moving operation, greatly increasing the life of the bridges.

Designer: Stanley Consultants, Inc.
Contractor: Wadsworth Brothers Construction
Owner: Utah Department of Transportation



New bridge deck on Interstate 80

Intermodal Transportation Facilities

State Route 36, Town Hill
Susanville, California

The Town Hill project adds a bike lane on State Route 36 to provide new multimodal commuting and recreational opportunities while enhancing the corridor with safety and intersection improvements.

Designer: California Department of Transportation
Contractor: Steve Manning Construction, Inc.
Owner: California Department of Transportation



State Route 36, Town Hill

Traveler Services

Interstate 5, Bass Mountain Wireless Hub
Redding, California

The Bass Mountain Wireless Hub serves an important section of I-5 as it enters the Cascade mountain range. This project provides the communications infrastructure to allow drivers to access better and timelier highway condition information. For motorists, it often means the difference between spending the night in a comfortable motel room or along the roadside in freezing weather.

Designer: California Department of Transportation
Contractor: California Department of Transportation
Owner: California Department of Transportation



Bass Mountain Wireless Hub



Hawaii Society of Professional Engineers

A state society of the National Society of Professional Engineers

PROJECT OF THE YEAR

The Kea`au-Pahoa Road, Keaau Town Section (Bypass Road), a new roadway constructed at a cost of \$17.8 million by the State Highways Division, Department of Transportation, is our Project of the Year.

The new 4-lane highway bypasses the congested heart of Kea`au town and connects the Volcano Road, Route 11, with the Kea`au-Pahoa Road, Route 130. Work included 235,000 cubic yards of excavation; 87,000 cubic yards of backfill; 21,000 cubic yards of base material; 101,000 tons of asphaltic concrete; 21,000 linear feet of guardrail; one triple-box culvert spanning 24 feet; and four traffic signal systems connected by a master controller.

The project was designed by DMT Consultant Engineers, Inc.; Donald Okahara, President; Masa Nishida, Principal Engineer; and Nancy Burns, Project Engineer. Construction was completed in two phases. Phase I began in December 1998 and Phase II began in January 1999. Both phases were contracted to Jas. W. Glover, Ltd. The new road was opened for full use in March 2000.

The new highway has been a huge success, greatly alleviating the morning and afternoon bottleneck in and around Kea`au town while also improving traffic flow generated by the opening of two new nearby schools, Kea`au II Elementary and Kea`au High Schools. Furthermore, successful completion of the project provides the necessary foundation for future highway needs. Without the project, roadway improvements to better serve the needs of the Puna community would be stymied.

Okahara and
Associates, Inc.
dba DMT
Consultant
Engineers



RECEIVED - DAGS
DIV. OF PUBLIC WORKS
1999 APR 26 A 8 12

April 23, 1999

State of Hawaii
Dept. of Accounting and General Services
Project Management Branch
Attn: Jerry Nishida
P.O. Box 119
Honolulu, HI 96810

Okahara and
Associates, Inc.
was the Civil
Engineering Sub
Consultants

Subject: 1999 Public Works Project of the Year Awards

Dear Jerry,

Congratulations! Your project nomination, **Keaau II Elementary School – First Increment**, has been selected as the APWA Hawaii Chapter 1999 Project of the Year winner for the category **Structures Over \$10 Million**. Your award will be presented at our awards luncheon to be held on Friday, May 21, 1999, 11:30 a.m. at the Honolulu Airport Hotel (formerly the Airport Holiday Inn). We would be pleased to have you or your representative as our guest to receive the award and give a short (5 minute or less) description of the project. Please let us know if you will need any audio visual aids to assist with your presentation.

You may invite any members of your organization and any members of the design or construction team that worked on your project. The cost of the luncheon for additional attendees will be \$15 per person. Checks are to be made payable to APWA, Hawaii Chapter.

Please RSVP to Dana King at 529-7224 before May 18, 1999. Look forward to see you at the Luncheon.

Sincerely,

Ronald A. Borrello
Awards Chairman

M&E Pacific Inc.
Ste. 500 Pauahi Tower
1001 Bishop Street
Honolulu, HI 96813
Tel: 808 521 3051 Fax: 808 524 0246



**Hawaii Island community
achievers recognized**



Hawaii Island
Economic
Development
Board and
Hawaii Leeward
Planning

Conference recently recognized five outstanding businesses and individuals for their contributions to the quality of life and economic stability on Hawaii Island with the Richard Smart Big Island Community Achievement Awards.

Special Service Award

Carolyn "Auntie Carol" Rogers
and Bill & Patti Cook

**Distinguished Business Award for
Environmental Protection**

Okahara and Associates Inc.,
Saddle Road Project

**Distinguished Business Award for
Cultural and Historic Preservation**

Thomas A. Quinlan of Suzuki/
Morgan Architects Ltd.

**Distinguished Business Award for
Planning and Design**

Hualalai Development Company

Community Education Award

Pete Hendricks



*Award winners left to right: Patti Cook, Bill Cook,
Thomas A. Quinlan, Pete Hendricks, Carol Rogers,
Donald Okahara, Jeremy Sosner*

The winners were recognized at a special tree-planting ceremony at Parker Ranch in Waimea on Arbor Day, Friday, April 28. The awards were established to honor former Parker Ranch owner Richard Smart and his numerous contributions to the community.

Big Island Community Achievement Awards presented

□ Annual honors in memory of Parker Ranch owner Smart's legacy of good deeds

Winners of the Richard Smart Big Island Community Achievement Awards were announced April 28 at a special Arbor Day tree-planting ceremony at Parker Ranch headquarters.

The winners were nominated by their peers and selected for their contributions to the quality of life and economic stability on Hawaii island. The awards were instituted by Hawaii Island Economic Development Board and Hawaii Leeward Planning Conference in 1993.

Special Service Awards

Carolyn "Auntie Carol" Rogers and Bill and Patti Cook were awarded the Special Service Awards for showing dedication to serving and meeting community needs without respect to personal or professional gain.

"Auntie Carol," along with her late husband, "Uncle Bob," founded the Kona Arts Center in Holualoa 35 years ago.

They converted it from an old run-down coffee processing mill, beginning Holualoa's transformation into the art mecca that it is today.

As years progressed, the center became a focal point for Holualoa and a destination for both children and adults from all over the island who wanted to share in the Rogers' excitement for art.

On any given day, 15 to 40 students will be in attendance, rearing ceramics, batik, basket weaving, painting and drawing from 89-year-old Auntie Carol.

She has touched thousands of lives, fostering in her students an appreciation for art, and, in many cases, encouraging some who have gone on to become well-known artists.

The Cooks also were awarded the Special Service Award for their long-time commitment to community issues and events.

In their current endeavor as retailers, they have helped bring a new image to Waimea in promoting high-quality Hawaiian arts and crafts, foods and festivals.

They have assisted in communication and planning of numerous community events, encouraging the establishment of their community as a leader in health and wellness, cultural and artistic pursuits.

They have been active in dozens of community issues and helped raise awareness of Hawaii Island's natural resources, talents, skills, events and contributions, encouraging community development in the context of traditional values.

Distinguished Business Award for Environmental Protection

Okahara and Associates was presented the Distinguished Business Award for Environmental Protection for exhibiting stewardship, sensitivity and concern for the environment.

Okahara and Associates is a 21-year-old engineering firm with 31 employees, specializing in civil, mechanical and structural projects.

The business has performed as prime contractor for the Saddle Road project Environmental Impact Statement (EIS) since 1997, shepherding an extraordinarily complex EIS from 138 separate routes studied, into a single corridor by consensus, communication and community involvement, particularly for environmental and cultural priorities.

The project, funded in partnership with the Federal Highways Administration at an approximate cost of \$180 million, will eventually realign the 51-mile road linking east and west Hawaii and provide a safe, scenic alternative to coastal roads.

Distinguished Business Award for Distinguished for Cultural and Historic Preservation

Suzuki/Morgan Architects Ltd.'s Thomas A. Quinlan was presented the Distinguished Business Award for Cultural and Historic Preservation for exhibiting an ethic which restores and maintains island traditions and preserves the culture of multi-ethnic heritage.

Quinlan has a long list of successful renovation projects, including the Nanbu Gallery in Kapaau, the old Veteran Gas Station in Kohala (now the Kohala Trade Center) and the Old Takata Store in Hawi.

Through Quinlan's work, the business promotes and protects Hawaii Island's historic resources while revitalizing small business. Quinlan takes old, dilapidated buildings and renovates them, often for much less than the cost of building something new.

By doing so, he not only creates architecturally beautiful structures, but also anchors them to the past, giving both local communities and visitors a sense of Hawaii's unique heritage.

Distinguished Business Award for Planning and Design

Hualalai Development Company was awarded the Distinguished

The Richard Smart Big Island Community Achievement Awards recognize and remember the late ranch owner's contributions to the community. The annual program was instituted by the Hawaii Island Economic Development Board and Hawaii Leeward Planning Conference in 1993.

Business Award for Planning and Design for exhibiting wise use and conservation of natural resources and utilizing creative planning and sensitivity in design.

Hualalai at Historic Ka'upulehu has taken many measures to combine elegance and sophistication with the spirit and feeling of a past era in Hawaii.

For example, the developers did not remove lava from the landscape, but rather incorporated its unique beauty into the project. Similarly, the landscape plan is based upon natural vegetative patterns.

Fourteen ancient ponds have been restored and the ancient Hawaiian trail that winds through the resort has been protected and improved.

The entire resort is founded on the concept of ohana, and its cultural programs have received rave reviews.

Community Education Award

The Community Education Award was presented to Pete Hendricks for promoting training and education programs that develop personal skills and life enhancement for all generations. Hendricks is the information and education specialist in the Division of Aquatic Resources for the County Department of Land and Natural Resources, where he provides marine education and public outreach programs for residents, visitors, businesses and other organizations.

He also volunteers for many community organizations, including the Island of Hawaii YMCA, Waimea Watershed Partners, Mauna Kea Soil and Water Conservation District, Friends of Thelma Parker Library, Waimea Elementary School and Waimea Outdoor Circle.

In his job, as in his volunteer work, Hendricks shares his knowledge of and concern for preserving aquatic ecology. He especially enjoys working with youth, who are the leaders of tomorrow.

Other nominees for this year's awards were K. Angel of Kohanaiki 'Ohana; Clayton Bertelmann of Na Kalai Wa'a Moku o Hawaii; Mike Gomes of Chalon International; Chris Resich of Hilo Hattie; Diane O. Jaber of Waimea Country School; Ku Kahakalau of Kanu O Ka 'Aina Learning 'Ohana; Kamehameha Schools & PIA Kona Limited Partnership; Kona Historical Society's Kona Coffee Living History Farm; Laura "Lala" Powers of PTT Direct Instruction; Puna Geothermal Venture; Mark & Cheryl Richards of Maryl Group Inc.; Dieter Seeger of Hilton Waikoloa Village; Michael Wenger and Dennis Newkirk of South Kona Fruit Stand; Rogelio Roy Soto of Hale Ho'ola Hamakua Auxiliary; Trauma Stress Recovery Inc.; Carol VanCamp of Prince Kuhio Plaza; Waimea Water Roundtable; Len & Sue Welter of Kona Community Chorus and Orchestra; and W.M. Keck Observatory.

The Richard Smart Big Island Community Achievement Awards were created in honor of former Parker Ranch owner Richard Smart to recognize and remember his contributions to the community.

Winners were selected by a panel of judges including Jimmy Greenwell, Diane Quitiquit, John Ray, Carl Simons, Barry Taniguchi and Rick West.

For more information on the Richard Smart Big Island Community Achievement Awards, contact

John Ray at 329-2334 (Hawaii Leeward Planning Conference) or Paula Helfrich at 966-5416 (Hawaii Island Economic Development Board).

For more information on Richard Smart or Parker Ranch, call 885-7311 or check out its website at www.parkerranch.com.

**7. PROMOTIONAL OR DESCRIPTIVE
INFORMATION
E. Proof of Insurance**



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

3/27/2025

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.

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.

Table with 2 main sections: PRODUCER (Insurance Factors, an Atlas Insurance Agency Company) and INSURED (Okahara and Associates Inc). Includes contact info and a list of insurers (First Security Insurance of Hawaii Inc, First Fire & Casualty Insurance of Hawaii Inc, First Insurance Co of Hawaii, Ltd, US Specialty Insurance Co).

COVERAGES CERTIFICATE NUMBER: 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.

Main table with columns: INSR LTR, TYPE OF INSURANCE, POLICY NUMBER, POLICY EFF, POLICY EXP, LIMITS. Rows include Commercial General Liability (A), Automobile Liability (B), Umbrella Liability (C), Workers Compensation (D), Prof Liability (D), and Claims Made (D).

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

PROOF OF INSURANCE

CERTIFICATE HOLDER

CANCELLATION

Table with 2 columns: CERTIFICATE HOLDER (To Whom It May Concern, 200 Kohola Street, Hilo, HI 96720) and 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 signature).



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

02/08/2025

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 Marsh Risk & Insurance Services CA License #0437153 633 W. Fifth Street, Suite 1200 Los Angeles, CA 90071 Attn: losangeles.certrequest@marsh.com CN101282828-PS-WCXS-25-26 3003	CONTACT NAME: Marsh USA Inc.'		FAX (A/C, No):	
	PHONE (A/C, No, Ext): 214-624-5555			
INSURED ProService Pacific, LLC 6600 Kalaniana'ole Highway, Suite 200 Honolulu, HI 96825	INSURER(S) AFFORDING COVERAGE			NAIC # 37885
	INSURER A: Headland Insurance Company, Inc.			
	INSURER B: XL Specialty Insurance Company			
	INSURER C:			
	INSURER D:			
INSURER E:				
INSURER F:				

COVERAGES**CERTIFICATE NUMBER:**

LOS-002235695-100

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	
	COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input type="checkbox"/> OCCUR GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:						EACH OCCURRENCE \$ DAMAGE TO RENTED PREMISES (Ea occurrence) \$ MED EXP (Any one person) \$ PERSONAL & ADV INJURY \$ GENERAL AGGREGATE \$ PRODUCTS - COMP/OP AGG \$ \$	
	AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY						COMBINED SINGLE LIMIT (Ea accident) \$ BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$	
	UMBRELLA LIAB <input type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$						EACH OCCURRENCE \$ AGGREGATE \$ \$	
A	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N N	N/A	HIC2025 Statutory Limits provided by XL policy.	03/25/2025	03/25/2026	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000	
B	Excess WC & Employers Liab *See Pg.2 for Limits			RWE500012016 SIR: \$1,000,000	03/25/2025	03/25/2026	See additional page	

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

Client: Okahara & Associates, Inc.

Proof of Workers Compensation insurance for employees of Okahara & Associates, Inc. in accordance with the terms and conditions of the Client Service Agreement executed between Okahara & Associates, Inc. and ProService Hawaii.

CERTIFICATE HOLDER
 OKAHARA & ASSOCIATES, INC.
 200 KOHOLA STREET
 HILO, HI 96720
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
 of Marsh Risk & Insurance Services

© 1988-2016 ACORD CORPORATION. All rights reserved.



ADDITIONAL REMARKS SCHEDULE

AGENCY Marsh Risk & Insurance Services		NAMED INSURED ProService Pacific, LLC 6600 Kalanianaʻole Highway, Suite 200 Honolulu, HI 96825	
POLICY NUMBER		EFFECTIVE DATE:	
CARRIER	NAIC CODE		

ADDITIONAL REMARKS

THIS ADDITIONAL REMARKS FORM IS A SCHEDULE TO ACORD FORM,
FORM NUMBER: 25 **FORM TITLE:** Certificate of Liability Insurance

Policy Continues:
 Insr Ltr: B
 Policy #: RWE500012016
 Eff: 03/25/2025
 Exp: 03/25/2026

Excess Workers' Compensation and Employers Liability
 Limits:
 Coverage A - Workers' Compensation: Statutory
 Coverage B - Employers Liability
 \$5,000,000 Each Accident
 \$5,000,000 Each Employee for Disease
 \$5,000,000 Each Disease Policy Limit

Statutory Limits are provided by the combination of the two policies:
 \$1,000,000 provided by Headland Insurance Workers Compensation Policy Statutory Limits Excess of \$1,000,000 provided by XL Specialty Insurance Company.