

COUNTY OF HAWAII DEPARTMENT OF RESEARCH AND DEVELOPMENT



June 30, 2025

STATEMENT OF QUALIFICATIONS FOR PROFESSIONAL SERVICES FISCAL YEAR 2025 - 2026

RD. 2) COMMUNITY PLANNING (Grant Writer)

June 30, 2025

Mr. Benson Medina, Director
Research & Development
County of Hawai'i
25 Aupuni Street, Suite 1301
Hilo, Hawai'i 96720-4424

**Subject: Professional Services During Fiscal Year 2025-2026
RD.2) Community Planning (Grant Writer)**

Dear Mr. Medina:

Bowers + Kubota Consulting (B+K) is pleased to submit our letter of interest and qualifications to provide professional services during the fiscal Year 2025-2026 for the above referenced category. We believe our staff with its extensive experience can provide the professional services required for your upcoming projects.

Over the past 44 years, B+K has provided outstanding architectural/engineering design, program and project management, construction management, and planning services across the State of Hawai'i while living our mission statement of **Fulfilling Visions. Building Trust.** Our extensive experience has resulted in successfully completing numerous projects for a variety of public agencies and private industry clients.

Should you have any questions or require additional information, please contact me by telephone at (808) 836-7787 or by email at kchu@bowersandkubota.com.

Respectfully,

BOWERS + KUBOTA CONSULTING, INC.



Kathleen Chu, PE
Vice President/Principal-in-Charge



**STANDARD
FORM 330**

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

1. TITLE AND LOCATION (City and State)

Professional Services in Fiscal Year 2025 - 2026

2. PUBLIC NOTICE DATE

June 1, 2025

3. SOLICITATION OR PROJECT NUMBER

RD.2) Community Planning (Grant Writer)

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Kathleen Chu, PE, Vice President/Principal-In-Charge

5. NAME OF FIRM

 Bowers + Kubota Consulting

6. TELEPHONE NUMBER

(808) 836-7787

7. FAX NUMBER

(808) 834-4833

8. E-MAIL ADDRESS

kchu@bowersandkubota.com

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUB-CONTRACTOR			
a.	X			Bowers + Kubota Consulting, Inc. ☐ CHECK IF BRANCH OFFICE	94-408 Akoki Street, Suite 201-A Waipahu, HI 96797	Community Planning
b.	X			Bowers + Kubota Consulting, Inc. ☒ CHECK IF BRANCH OFFICE	2153 N. King Street, Suite 200 Honolulu, HI 96819	Community Planning
c.	X			Bowers + Kubota Consulting, Inc. ☒ CHECK IF BRANCH OFFICE	1955 Main Street, Suite 400 Wailuku, HI 96793	Community Planning
d.	X			Bowers + Kubota Consulting, Inc. ☒ CHECK IF BRANCH OFFICE	4303 Nawiliwili Road, Suite 106 Lihue, HI 96766	Community Planning
e.	X			Bowers + Kubota Consulting, Inc. ☒ CHECK IF BRANCH OFFICE	605 Laukapu Street, Suite 202 Hilo, HI 96720	Community Planning

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☒ (Attached)

D. ORGANIZATIONAL CHART OF PROPOSED TEAM



COUNTY OF HAWAII

Research & Development

PRINCIPAL-IN-CHARGE

Kathleen Chu, PE

PROJECT MANAGERS

Jared Chang, AICP
Ronald Sato, AICP
Carah Kadota Ito, AICP
Malachi Krishok, AICP
Kathleen Chu, PE
Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC,
CESCPP, LEED AP
Lindsay Nakashima, PE, CWPPP, CESCOP, MBA
Michael Nishimura, PE, CWPPP, ESCPC,
CESCPP, LEED AP

TECHNICAL IN-HOUSE RESOURCES

Planning

Matthew Fernandez
Ty Shiramizu, AICP
Monica Daga
Noah Tabar
Kaitlyn Nokosi

Civil Engineering

Eric Tamashiro, PE, CWPPP, ESCPC, CESCOP, LEED AP

Architecture

Hae-Dong Lee, AIA, NCIDQ, LEED AP, MBA
Chad Okinaka, AIA, LEED AP

Graphics

Amy Yamakawa

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Kathleen Chu, PE	Principal-in Charge	33	3

15. FIRM NAME AND LOCATION (City and State)

 **Bowers + Kubota Consulting, Waipahu, HI**

16. EDUCATION (Degree and Specialization)

Bachelor of Science, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

Professional Engineer/Civil-HI [#12808 (exp.4/30/2026)]
Professional Engineer/Civil-CA [#54022 (exp.12/31/2025)]

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

American Council of Engineering Companies of Hawaii
Move Oahu Forward, Vice Chair
Engineering Sector Partnership, Chamber of Commerce, Women in STEM Lead
Hawaii Council of Engineering Societies, Current Chair

Construction Management Association of America (CMAA)
ASCE Transportation Chair

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
State of Hawaii, Department of Transportation, Highways Environmental Guideline and Training Program Statewide, HI	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
a. ROLE: Project Manager SCOPE: B+K is working to develop an environmental guideline for HDOT staff that complies with federal, state, and county environmental regulations and ordinances so that they can effectively cultivate and implement projects. The B+K team is also developing a training program for HDOT staff so that they can effectively integrate environmental clearances in a timely manner and have a better understanding of the project delivery process. PROJECT COST: \$744,200		
County of Maui, Department of Public Works Waiale Road Extension Project Waikapu, HI	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
b. ROLE: Project Manager SCOPE: B+K is providing the County of Maui cradle to grave services, from planning through construction, on the Waiale Road Extension project. The roadway improvements will include a single span bridge over Waikapu Stream, roundabout intersections, two through lanes, shoulder bikeways, pedestrian sidewalks, a shared-use path, and two parallel grassy swales, which will serve as a permanent stormwater best management practice (BMP). The project team conduct agency and public coordination, both to seek input and provide information relating to the environmental and design related tasks. The environmental documentation for the improvement project will be prepared as a joint NEPA/HRS 343 environmental assessment. The construction bid documents will include construction plans, specifications, engineer's estimate, and permits. PROJECT COST: \$75,000,000		
State of Hawaii, Department of Transportation, Kaumualii Highway Feasibility Study, Hanapepe to Kekaha, Kekaha, Kauai, HI	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
c. ROLE: Project Manager SCOPE: B+K will conduct a Feasibility Study to explore conceptual details, constraints, and prospective timelines for different resiliency improvement alternatives based on probable future scenarios of concern for Route 50, Kaumualii Highway, from Hanapepe to Kekaha. The scope of work will include coastal modeling of tidal flood frequency analysis and high-resolution sea level rise and wave inundation modeling. The modeling will be conducted for a variety of future sea level rise scenarios combined with different wave events to help estimate the frequency of occurrence of flooding at selected intervals in the future. PROJECT COST: N/A		
County of Maui, Office of Recovery Maui Disaster Recovery West Maui, HI	Ongoing	N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
d. ROLE: Project Manager SCOPE: B+K is a subconsultant to TetraTech providing assistance to the County of Maui in response to the devastating Lahaina fires in August 2023. B+K provides management and damage assessment assistance to the Infrastructure Resource Support Function (RSF), which includes the roadways, storm drainage, water supply, and wastewater systems. Services assist and guide the County by offering comprehensive solutions, strategic planning and coordination, and opportunities to emerge stronger and more resilient. Activities include the preparation of project worksheets, funding matrices, strategic planning for temporary and permanent housing, presentations, and a recovery roadmap. PROJECT COST: N/A		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jared Chang, AICP	Planning Manager / Senior Project Planner	20	2

15. FIRM NAME AND LOCATION (City and State)

 Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Arts, Public Administration (formal city planning emphasis)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

American Institute of Certified Planners (Certificate No. 028907)

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

American Council of Engineering Companies, Senior Executive Institute, Class 26 Graduate (2022)
American Planning Association, Hawaii Chapter Secretary (2017-present)

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City & County of Honolulu, Department of Planning and Permitting North Shore Sustainable Communities Plan Update North Shore, HI	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Planner/Meeting Facilitator SCOPE: The plan established the vision, policies, and land use patterns for the North Shore Planning District through 2040 and beyond. The plan was developed using an inclusive process that combined research and data collection with community input. The plan addressed new and emerging policy issues including climate change and sea level rise, as well as economic and tourism implications from COVID-19. PROJECT COST: N/A		
		☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
b.	State of Hawaii, Department of Hawaiian Home Lands DHHL Hanapepe Master Plan Update and Environmental Assessment Hanapepe, HI	2020	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner/Beneficiary Consultation Meeting Facilitator SCOPE: Updated the Hanapepe Homestead Master Plan for 365-acres of DHHL lands in west Kauai and prepared an Environmental Assessment, including public and beneficiary outreach, master planning and environmental planning. Next phase of the master plan included implementation of 75-new residential lots in Hanapepe, Kauai. PROJECT COST: \$133,000,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
c.	City and County of Honolulu, Department of Design and Construction HPD Training Academy New Parking Lot and Master Plan Improvements Waipahu, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Planner SCOPE: B+K is preparing the civil design and HRS 343 Environmental Assessment for a new parking lot and master plan improvements at Ke Kula Ma kai (the HPD training academy). The Draft Environmental Assessment was published in the Environmental Review Programs Environmental Notice in May 2024 and is anticipated to be completed in the same year. PROJECT COST: N/A		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
d.	State of Hawaii, Department of Hawaiian Home Lands Lanai Residence Subdivision Phase 2B Lanai, HI	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planning Manager SCOPE: The Lanai Residence Lots, Phase 2B is the third phase of the Lanai Residence Lots Subdivision. This project is located at the southwestern portion of Lanai City at the end of Fifth Street. The DHHL (Department of Hawaiian Home Lands) parcel TMK (2)4-9-002:057 comprises 50 acres. Phases 1 and 2A were constructed in 2001 and consist of forty-five 10,000-square-foot (SF) lots on approximately 13 acres. Phase 2B will develop the remaining area to address the housing needs for Lanai. The current master plan for the remaining area consists of 10,000-SF lots and a 5-acre park. Potable water would be obtained from Lanai Water Company. The wastewater would be conveyed to and treated at the Lanai City Wastewater Reclamation Facility (WRF). This project will update the master plan for the remaining area to provide lots needed to meet the current waiting list and potential other land uses. PROJECT COST: \$2,000,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
e.	State of Hawaii, Department of Transportation, Highways Hawaii Youth Transportation Council Statewide, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planning Manager SCOPE: Assist the HDOT in establishing and facilitating a Youth Transportation Council to advise on HDOT's climate mitigation and adaptation commitments on a quarterly basis. The Youth Council will provide input on ways to reduce greenhouse gas emissions and to adapt from climate impacts in the State's transportation network, and will help to educate and inform Hawaii's youth on HDOT's climate mitigation and adaptation efforts. Services will include facilitation of the Youth Council, program management, logistical and administrative support, and coordination to facilitate interactions between the council and government officials. PROJECT COST: \$250,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
Ronald Sato, AICP	Senior Project Manager / Senior Planner	A. TOTAL 35	B. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION (City and State)

 **Bowers + Kubota Consulting, Waipahu, HI**

16. EDUCATION (DEGREE AND SPECIALIZATION)

Master of Urban and Regional Planning
Bachelor of Science, Political Science

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

American Institute of Certified Planners (Certificate No. 014538)

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

American Planning Association, National and Hawaii Chapters
Historic Hawaii Foundation, Board of Trustees (2010-2016)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State of Hawaii, Department of Transportation, Harbors Hilo and Kahului Harbors Land Acquisition Hilo, Hawaii and Kahului, Maui		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
a. ROLE: Senior Project Manager SCOPE: The State DOT, Harbors is acquiring several privately-owned properties to expand both Hilo and Kahului Harbors' facilities to improve operational efficiency to accommodate goods shipped. Developed improvement concepts for access, stacking lanes, cruise ship passengers, and overall cargo operations. Prepared due diligence reports addressing site conditions, access and other property information. An Environmental Assessment was prepared for Hilo Harbor. PROJECT COST: \$1,214,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State DLNR, Division of Forestry & Wildlife (DOFAW) Kawainui Marsh Protection Project Kailua, Oahu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
b. ROLE: Senior Project Manager SCOPE: The State DLNR, is planning to construct maintenance road, ramp for wetland access of equipment, other accessory improvements (gates, staging areas, etc.) to provide improved access for staff around a portion of the Kawainui Marsh State Wildlife Sanctuary (Kawainui Marsh) to support their wetland restoration, upland reforestation, and management efforts. Managing the design work for improvements, obtaining land use permits, and overall project coordination with DOFAW. PROJECT COST: \$1,138,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State of Hawaii, Department of Land and Natural Resources DOFAW Palamanui Forest Planning Kahaluu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
c. ROLE: Senior Project Manager SCOPE: DOFAW is developing a forest management plan for Palamanui to guide future programming, decision-making, and design for improvements. Plan development includes the University Hawaii Community College - Palamanui. This project aims to protect and improve some of the last remaining native low-land dry forest while also providing outdoor recreational opportunities and educational programs for the community through a collaborative effort between the HCC-Palamanui and DLNR's DOFAW. PROJECT COST: \$385,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu, Board of Water Supply (BWS) BWS Granular Activated Carbon (GAC) Reactivation Facility Project Kapolei, Oahu, Hawaii		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
d. ROLE: Senior Project Manager SCOPE: The BWS is pursuing construction of a new GAC reactivation facility at a site in the Kapolei district of Oahu as a long-term solution to address the disposal and reuse of spent GAC from their water facilities. Conducted due diligence and site feasibility evaluations for several sites being considered. Working on the removal of deed restrictions for one property. Will then complete environmental documentation, land use permits, and community consultations required for the project. PROJECT COST: \$1,200,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Kamehameha Schools (KS) Kapuanoni Heiau Restoration Project Kahuluu, Hawaii, Hawaii		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
e. ROLE: Senior Project Manager SCOPE: KS is restoring the Kapaunoni Heiau which extends into a tide pool that was impacted by construction of the former Keauhou Beach Hotel. Work includes developing reconstruction plans, addressing historic sites, COE permit and federal agency requirements, obtaining State and County land use permits, and consultation with lineal descendants. PROJECT COST: \$8,000,000			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Carah Kadota Ito, AICP	Planning Project Manager	9	2

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Environmental Design

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

American Institute of Certified Planners (Certificate No. 34599)

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

American Planning Association, Hawaii Chapter

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	State of Hawaii, Department of Transportation, Highways Vulnerable Roadway Users Safety Assessment Statewide, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Planner SCOPE: Worked with the HDOT to develop the State's first Vulnerable Road User Safety Assessment (VRUSA). A VRUSA is an assessment of the safety performance of a State with respect to vulnerable road users and the plan for the State to improve the safety of vulnerable road users. Addressed the safety of vulnerable road users through a collaborative and comprehensive approach allows people that walk, bike, and roll full and safe access to our transportation system. CONTRACT VALUE: \$575,600		
b.	Aruga & Ishizu Architects, Inc. Kawailoa Youth and Family Wellness Center Olomana, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Assistant Planning Project Manager SCOPE: Infrastructure assessment, entitlements, reprogramming, master plan, environmental assessment/impact statement, and City and County of Honolulu Plan Review Use permit application for campus improvements to Hawaii Youth Correctional Facility with objective to be more family oriented and broader rehabilitation program and treatment. CONTRACT VALUE: \$489,000		
c.	State of Hawaii, Department of Transportation, Highways Hawaii Youth Transportation Council Statewide, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Project Manager SCOPE: Assist the HDOT in establishing and facilitating a Youth Transportation Council to advise on HDOT's climate mitigation and adaptation commitments on a quarterly basis. The Youth Council will provide input on ways to reduce greenhouse gas emissions and to adapt from climate impacts in the State's transportation network, and will help to educate and inform Hawaii's youth on HDOT's climate mitigation and adaptation efforts. Services will include facilitation of the Youth Council, program management, logistical and administrative support, and coordination to facilitate interactions between the council and government officials. PROJECT COST: \$250,000		
d.	YH Architects, Inc. Temporary Pearl City Police Station Pearl City, Oahu	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Assistant Planning Project Manager SCOPE: B+K is providing planning, design and permitting for the Temporary Pearl City Police Station located next to the Police Academy. Project include preparation of EA, Major Special Use Permit, Major SMA Permit, and zoning variance permits. Design includes temporary trailers with 150 parking stalls and utility connections to the existing Police academy utility systems. PROJECT COST: \$6,000,000		
e.	State of Hawaii, Department of Business, Economic Development and Tourism (DBEDT), Office of Planning and Sustainable Development LID (Low Impact Development) Users Guide Update Statewide, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Planner SCOPE: Updating to Statewide LID Users Guide, creation of website/user interface, and creation of outreach program to communicate availability of updated guide. CONTRACT VALUE: \$159,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Malachi Krishok, AICP	Planning Project Manager	10	1

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Master of Urban and Regional Planning
Bachelor of Arts, Politics (major) Urban and Environmental Policy (minor)

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

American Institute of Certified Planners (Certificate No. 37112)

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

American Planning Association, Hawaii Chapter

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State of Hawaii, Department of Hawaiian Home Lands DHHL North Kona Water Development Island Of Kauai, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
a. ROLE: Planner SCOPE: Developing, running, and troubleshooting a hydraulic model of the existing water system with the addition of the proposed water improvements, including sources and storage in WateCAD. Currently preparing Environmental Assessments (EAs) and a preliminary engineering report for potable water source development on two parcels in the Keauhou 2 Ahupuaa. The wells being developed are intended to support development of DHHL projects at Lai Opua Village and Kalaoa. CONTRACT VALUE: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
DHHL Anahola Regional Plan Update Anahola, HI		PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
b. ROLE: Project Manager SCOPE: As project manager, lead the development, coordination, and execution of a community driven process centered on beneficiary and stakeholder engagement to develop an updated regional plan for the Anahola, Kauai homestead area. DHHL regional plans build a sense of community and capacity to stimulate partnerships for development and implementation of priority projects within existing and planned homestead communities. The process involved identifying and mapping issues, opportunities, and assets related to community resilience. CONTRACT VALUE: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
West Kauai Community Plan West Kauai, HI		PROFESSIONAL SERVICES 2024	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
c. ROLE: Senior Planner SCOPE: Assisted the County of Kauai Planning Department with the design and production of community outreach materials for the West Kauai Community Plan and the processing and analysis of community outreach data, which were drafted into a Discussion Draft Open House Public Comments Summary Report. Also assisted with the graphic design layout and production of the Final Plan. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
North Shore Sustainable Communities Plan Update North Shore, HI		PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
d. ROLE: Senior Planner SCOPE: Updated the City and County of Honolulu, Department of Planning and Permitting's North Shore Sustainable Communities Plan. The plan established the vision, policies, and land use patterns for the North Shore Planning District through 2040 and beyond. Updated involved an inclusive process that combined research and data collection with community input to analyze and address new and emerging policy issues including climate change and sea level rise, as well as economic and tourism implications from COVID-19. PROJECT COST: N/A			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Monica Daga	Senior Planner	9	<1

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Environmental Design

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

American Planning Association – Hawaii Chapter, Member, 2023 – present

Certified Member – American Association of Airport Executives, 2017

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	State of Hawaii, Department of Transportation South Ramp Redevelopment Study for Daniel K. Inouye International Airport (HNL), Honolulu, HI	2020	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Consultant SCOPE: Developed a redevelopment plan consolidating general aviation, airline/airport support, and air cargo facilities at the South Ramp. The project goal was to ensure efficient land use and safety of aircraft and airport operations. Mrs. Daga was responsible for assisting with the analysis and documentation. She served as the task lead for preparing the conceptual implementation schedule/sequencing plan and the environmental overview of the preferred alternative layout. PROJECT COST: N/A		
b.	State of Hawaii, Department of Transportation Statewide Design Services for Program Management Support, Honolulu, HI	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Consultant SCOPE: Provided design services for program management support for various airports including Daniel K. Inouye International Airport (HNL), Kahului International Airport, Lihue Airport (LIH), Hilo International Airport (ITO) and Kona International Airport (KOA). Mrs. Daga assisted with the environmental documentation for the Electric Vehicle Bus Fleet Depot Infrastructure for the HNL Consolidated Rent-A-Car (CONRAC), the documentation for the ITO Existing Noise Assessment, Site Selection Study for the CONRAC Facility at KOA, gate-utilization studies for LIH, as well as AutoCAD drafting for the Hawaii Statewide Airport Title 14 Code of Federal Regulations Part 77 Three-Dimensional Mapping. PROJECT COST: N/A		
c.	State of Hawaii, Department of Transportation Lihue Airport Master Plan and Noise Exposure Map Update, Lihue, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Consultant SCOPE: Updated the airport master plan to ensure airfield, passenger terminal, general aviation, air cargo, airline and air support facilities meet the 20-year aviation activity demand of airport operations and passenger enplanements. The project also included a noise exposure map update to evaluate the aircraft noise exposure within the vicinity of the airport due to aircraft fleet mix changes and airfield improvements as well as identify potential incompatible land use. Mrs. Daga served as task lead to prepare the terminal demand/capacity analysis and facility requirements, environmental overview, and implementation plan of the preferred alternative plan. For the Noise Exposure Map Update, Mrs. Daga assisted with the documentation of the analyses. PROJECT COST: N/A		
d.	State of Hawaii, Department of Transportation Environmental Assessment for the Lanai Airport Runway Extension and Associated Improvements, Lanai, HI	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Consultant SCOPE: Evaluated the environmental impacts of the proposed infrastructure improvements to the airport environment and identify any obstructions to airspace operations. The project also included Planning Safety Risk Assessment (SRA) Panel Meetings to evaluate with the Federal Aviation Administration lines of businesses if the proposed project can proceed without any safety impacts and high risks to the airfield and airspace systems. Mrs. Daga assisted with the documentation of the existing airfield and airspace systems for the presentation to the SRA panel meetings and developed the airport layout plans drawings to reflect the proposed project and identify potential airspace obstructions. PROJECT COST: N/A		
e.	State of Hawaii, Department of Transportation Statewide Rental Car Facilities Program Management, Phase II Honolulu, HI	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Consultant SCOPE: Provided program management support services for the consolidated rental car (ConRAC) facilities at various airports including Daniel K. Inouye International Airport (HNL), Kahului International Airport, Lihue Airport, Hilo International Airport and Kona International Airport. The statewide ConRAC planning efforts also included an Alternative Energy Shuttle Bus Pilot Program for the ConRAC shuttle bus service system at HNL. Mrs. Daga served as the task lead to evaluate the feasibility of adopting electric vehicle shuttle buses and/or compressed-natural gas shuttle buses for the ConRAC Facility at HNL. The performance metrics were based on operation efficiency, fuel efficiency, maintenance, and cost results. She also assisted in the landside planning aspect of the Pilot Program which included the evaluation of the shuttle bus depot facility requirements and the site location alternatives for each alternative energy's required infrastructure. PROJECT COST: N/A		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Ty Shiramizu, AICP	Planner	4	1

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Master of Urban and Regional Planning
Bachelor of Arts, Biology and Minor in Economics

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

American Institute of Certified Planners (Certificate No. 386400)

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

American Planning Association, American Institute of Certified Planners

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Aruga & Ishizu Architects, Inc Kawailoa Youth and Family Wellness Center Olomana, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Planner SCOPE: Infrastructure assessment, entitlements, reprogramming, master plan, environmental assessment/impact statement, and City and County of Honolulu Plan Review Use permit application for campus improvements to Hawaii Youth Correctional Facility with objective to be more family oriented and broader rehabilitation program and treatment. CONTRACT VALUE: \$489,000		
b.	The Wilhelm Group for State of Hawaii, Department of Transportation, Harbors Facility Planning and Land Acquisition for Hilo and Kahului Harbors Kahului, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Planner SCOPE: Assisting with the acquisition of privately held lands surrounding Hilo and Kahului Harbors and production of a Harbors Facilities Plan that will summarize the potential options that DOT-H may have in utilizing the acquired lands, assisting with the infrastructure due diligence, and preparing an Environmental Assessment for the harbors. Design vehicle maneuverability, harbor access points and major harbor use operations, forecasted harbor build out and activities, and planned use and improvements to adjacent thoroughfares and streets were evaluated and agencies consulted with to formulate optimal use and development of the private lots to complement harbor improvements. ArcGIS was used to map natural and climate hazards, soils, land use zoning, and flood zones to assess potential impacts and mitigation measures for the project, as well as identify surrounding landowners to be notified of the project. PROJECT COST: Hilo Harbor: \$912,528 / Kahului Harbor: \$301,475		
c.	State of Hawaii, Hawaii Public Housing Authority HPHA EA David Malo & Piilani Homes Demolition Project Maui, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Planner SCOPE: The State HPHA is planning to demolish what remains of their David Malo Circle and Piilani Homes housing developments in the Lahaina district of the Island of Maui. These homes were damaged from the wildfire of August 2023. The federal Environmental Assessment (EA) document prepared is intended to support a Finding of No Significant Impact (FONSI) determination to allow for the demolition of these housing projects and all structures due to their extensive damage. The processing of this EA and FONSI would utilize the HUD Environmental Review Online System (HEROS) website. Coordination with the State Hawaii Housing and Finance Development Corporation (HHFDC) along with the Governor's Office would be required to complete the processing of the EA on HEROS. CONTRACT VALUE: \$115,000		
d.	ADM Retail Planning & Architecture Sueoka Store - HRS 343 & HRS 6E Kauai, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Planner SCOPE: Currently providing planning services for Sueoka repairs and expansion. Services include HRS 343 and HRS 6E consultation with the Department of Land and Natural Resources' State Historic Preservation Division and coordination with the Kauai Historic Preservation Review Commission and Kauai County Planning Department. CONTRACT VALUE: \$123,900		
e.	State Department of Transportation, Highways Strategic Highway Safety Plan Update Statewide, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Planner SCOPE: B+K is updating the Strategic Highway Safety Plan for the five-year period from 2025 to 2030 using a data-driven approach to reduce traffic-related fatalities and serious injuries across all transportation modes. The plan will identify statewide goals, objectives, and strategies that are consistent with safety performance measures established by the Federal Highway Administration, and integrate the highway safety elements of engineering, education, enforcement, and emergency response. CONTRACT VALUE: \$533,400		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Matthew Fernandez	Planner	5	2

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Master of Urban and Regional Planning
Bachelor of Science, Natural Resource and Environmental Management

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

American Planning Association, Hawaii Chapter
Community Emergency Response Team - Federal Emergency Mgmt. Agency & Be Ready Manoa

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	City and County of Honolulu, Department of Business, Economic Development and Tourism (DBEDT), Office of Planning and Sustainable Development LID (Low Impact Development) Users Guide Update Statewide, HI	2023	N/A
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Updating to Statewide LID Users Guide, creation of website/user interface, and creation of outreach program to communicate availability of updated guide. CONTRACT VALUE: \$159,000	☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	State of Hawaii, Department of Education, Office of Facilities and Operations Kalama Intermediate School Modular Administration Building Project Makawao, HI	Ongoing	N/A
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Assistant Planner SCOPE: Prepared an Environmental Assessment in accordance with the requirements of the Hawaii Environmental Policy Act and HRS 343, prepared the project for historic preservation compliance review under HRS 6E, and coordinated subconsultant works. PROJECT COST: \$2,225,000	☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	City and County of Honolulu, Board of Water Supply, Kalaeloa Seawater Desalination Facility (Subconsultant to Kalaeloa Desalco, LLC) Honolulu, HI	Ongoing	N/A
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Civil and environmental engineering, architecture, landscape architecture, planning, and permitting services for the Kalaeloa Seawater Desalination Facility design-build-operate-maintain project for the Board of Water Supply. The initial buildout for this project will be a seawater reverse osmosis water treatment plant with an initial production capacity of 1.7 MGD; the on-site and off-site facilities required to dispose of concentrate and other water treatment byproducts generated by the WTP; and off-site ancillary facilities, including access roadway improvements, a recycled water pipeline, a product water transmission line, and an underground injection control transmission line. Although the initial WTP production capacity will be 1.7 MGD, the facility will be programmed and planned to accommodate future cost-effective expansions in up to two additional phases up to 5.1 MGD. PROJECT COST: \$150,000,000	☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	State of Hawaii, Department of Education, Office of Facilities and Operations Relocation of the DOE Maui District Mowers Facility and Community School for Adults Kahului, HI	Ongoing	N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Assistant Planner SCOPE: Prepared an Environmental Assessment in accordance with the requirements of the Hawaii Environmental Policy Act and HRS 343, prepared the project for historic preservation compliance review under HRS 6E, and coordinated subconsultant works. PROJECT COST: \$2,225,000	☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Noah Tabar	13. ROLE IN SERVICE CATEGORY Planner	14. YEARS EXPERIENCE	
		A. TOTAL 2	B. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)
Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization) Bachelor of Arts, Urban Studies	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)
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18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)

19. RELEVANT PROJECTS				
(1) TITLE AND LOCATION (City and State) Aruga & Ishizu Architects, Inc Kawailoa Youth and Family Wellness Center Olomana, HI	(2) YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM a. ROLE: Planner SCOPE: Infrastructure assessment, entitlements, reprogramming, master plan, environmental assessment/impact statement, and City and County of Honolulu Plan Review Use permit application for campus improvements to Hawaii Youth Correctional Facility with objective to be more family oriented and broader rehabilitation program and treatment. PROJECT COST: \$489,000				
(1) TITLE AND LOCATION (City and State) State of Hawaii, Department of Transportation, Highways Hawaii Youth Transportation Council Statewide, HI	(2) YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2023</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM b. ROLE: Planner SCOPE: Assist the HDOT in establishing and facilitating a Youth Transportation Council to advise on HDOT's climate mitigation and adaptation commitments on a quarterly basis. The Youth Council will provide input on ways to reduce greenhouse gas emissions and to adapt from climate impacts in the State's transportation network, and will help to educate and inform Hawaii's youth on HDOT's climate mitigation and adaptation efforts. Services will include facilitation of the Youth Council, program management, logistical and administrative support, and coordination to facilitate interactions between the council and government officials. CONTRACT VALUE: \$1,000,000				
(1) TITLE AND LOCATION (City and State) Statewide Department of Transportation, Airports Statewide Project Management Support Services Honolulu, HI	(2) YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES June 2024-January 2025</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES June 2024-January 2025	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES June 2024-January 2025	CONSTRUCTION (if applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM c. ROLE: Planner SCOPE: B+K is providing statewide project management and planning support services for the HDOT Airports (DOT-A). Planning services support the Engineering Planning Section (AIR-EP) in statewide airport development projects, public planning studies, and planning document reviews. Services include GIS mapping and analysis, preparation of environmental compliance documents, analysis in public planning studies, contracting, and planning document review. These services support a variety of projects including the State Climate Adaptation Action Plan, the Daniel K. Inouye International Airport (HNL) Diamond Head Extension Development Project, and the Kalaeloa Airport (JRF) Utility Systems Improvement Project. PROJECT COST: N/A				
(1) TITLE AND LOCATION (City and State) State of Hawaii, Department of Transportation Kaumualii Highway Feasibility Study, Hanapepe to Kekaha, Kekaha, Kauai, HI	(2) YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2024</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2024	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES 2024	CONSTRUCTION (if applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM d. ROLE: Planner SCOPE: B+K will conduct a Feasibility Study to explore conceptual details, constraints, and prospective timelines for different resiliency improvement alternatives based on probable future scenarios of concern for Route 50, Kaumualii Highway, from Hanapepe to Kekaha. The scope of work will include coastal modeling of tidal flood frequency analysis and high-resolution sea level rise and wave inundation modeling. The modeling will be conducted for a variety of future sea level rise scenarios combined with different wave events to help estimate the frequency of occurrence of flooding at selected intervals in the future. CONTRACT VALUE: \$675,000				
(1) TITLE AND LOCATION (City and State) State Department of Transportation, Highways Vulnerable Road User Safety Assessment (VRUSA) Statewide, HI	(2) YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">PROFESSIONAL SERVICES 2023</td> <td style="width: 50%; text-align: center;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A			
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM e. ROLE: Planner SCOPE: Bowers + Kubota Consulting (B+K) to working with the HDOT to develop the State's first Vulnerable Road User Safety Assessment (VRUSA). A VRUSA is an assessment of the safety performance of a State with respect to vulnerable road users and the plan for the State to improve the safety of vulnerable road users. Addressing the safety of vulnerable road users through a collaborative and comprehensive approach allows people that walk, bike, and roll full and safe access to our transportation system. CONTRACT VALUE: \$575,000				

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Kaitlyn Nokosi	Technical Specialist	4	4

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Science, Sociology

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
	State of Hawaii, Department of Transportation, Highways Hawaii Youth Correctional Facility Statewide, HI	2023	N/A
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Provide initial scoping, assessment (Phase I), programming (Phase II), and master plan (Phase III) for reprogramming and campus improvements to the Hawaii Youth Correctional Facility in Kailua (Olomana) on southeast Oahu. Environmental assessment or impact statement (Phase IV) and plan review use application (Phase V) will be added later via contract amendment once the State DAGS is able to procure more funding. CONTRACT VALUE: \$1,000,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	State Department of Transportation, Highways Hawaii Department of Transportation Freight and Statewide Long-Range Land Transportation plan Statewide, HI	Ongoing	N/A
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: B+K is working with Jacobs, Inc. to update the Statewide and Regional Federal Aid Highways Transportation Plans for the Districts of Hawaii and Kauai and islands of Molokai and Lanai. The statewide Plan is the overarching land transportation plan that will set the structure to integrate the individual district plans into a comprehensive, multimodal statewide plan. PROJECT COST: \$1,800,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	State of Hawaii, Department of Transportation, Highways Hawaii Youth Transportation Council Statewide, HI	2023	N/A
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Technical Specialist SCOPE: Assist the HDOT in establishing and facilitating a Youth Transportation Council to advise on HDOT's climate mitigation and adaptation commitments on a quarterly basis. The Youth Council will provide input on ways to reduce greenhouse gas emissions and to adapt from climate impacts in the State's transportation network, and will help to educate and inform Hawaii's youth on HDOT's climate mitigation and adaptation efforts. Services will include facilitation of the Youth Council, program management, logistical and administrative support, and coordination to facilitate interactions between the council and government officials. CONTRACT VALUE: \$1,000,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	State Department of Transportation, Highways Vulnerable Road User Safety Assessment (VRUSA) Statewide, HI	2023	N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Technical Specialist SCOPE: Bowers + Kubota Consulting (B+K) to working with the HDOT to develop the State's first Vulnerable Road User Safety Assessment (VRUSA). A VRUSA is an assessment of the safety performance of a State with respect to vulnerable road users and the plan for the State to improve the safety of vulnerable road users. Addressing the safety of vulnerable road users through a collaborative and comprehensive approach allows people that walk, bike, and roll full and safe access to our transportation system. CONTRACT VALUE: \$575,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
	State Department of Transportation, Highways Strategic Highway Safety Plan 2025-2030 Statewide, HI	2024	N/A
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Bowers + Kubota Consulting (B+K) is working with the HDOT to update the State's Strategic Highway Safety Plan (SHSP) for the five-year period from 2025 to 2030. The SHSP is a safety plan that provides a comprehensive framework for reducing highway fatalities and serious injuries on all public roads throughout the State. The plan identifies highway safety problems and opportunities, and provides strategies and countermeasures to reduce traffic-related fatalities and serious injuries across all transportation modes. Federal, State, and City and County government agencies and safety stakeholders are engaged to ensure the SHSP is developed through a cooperative process to establish common statewide goals and priorities. PROJECT COST: \$533,460		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Amy Yamawaka	Graphic Designer	36	28

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Science, Fine Arts Design

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	State of Hawaii, Department of Land and Natural Resources Kealahou Bay Master Plan & Environmental Impact Statement South Kona, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Graphic Designer SCOPE: Provided graphic design services for the preparation of a Master Plan, EIS, and Management Plan for Kealahou Bay State Historical Park. CONTRACT VALUE: \$529,500		
b.	County of Maui, Metropolitan Planning Organization Maui MPO Public Participation Plan Update Maui County, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Graphic Designer SCOPE: Provided graphic design services for the Maui MPO Public Participation Plan (PPP) update in compliance with federal regulations regarding interested parties, participation and consultation in the metropolitan transportation planning process. CONTRACT VALUE: \$99,650		
c.	City and County of Honolulu, Department of Design and Construction (Sub-consultant to Biederman Redevelopment Ventures) Ala Moana Park Master Plan & EIS Honolulu, HI	2019	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Graphic Designer SCOPE: Provided graphic design services for the Environmental Impact Statement completed for Biederman Redevelopment Ventures. CONTRACT VALUE: \$366,800		
d.	State of Hawaii, Department of Transportation, Highways Vulnerable Roadway Users Safety Assessment Statewide, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Graphic Designer SCOPE: Worked with the HDOT to develop the State's first Vulnerable Road User Safety Assessment (VRUSA). A VRUSA is an assessment of the safety performance of a State with respect to vulnerable road users and the plan for the State to improve the safety of vulnerable road users. Addressed the safety of vulnerable road users through a collaborative and comprehensive approach allows people that walk, bike, and roll full and safe access to our transportation system. CONTRACT VALUE: \$575,000		
e.	Hawaii Community Foundation, Affordable and Workforce Housing Regional Plans Island of Maui, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Graphic Designer SCOPE: Providing graphic design services for various plans that highlights the need for affordable housing and highlighted housing projects and infrastructure that would support those projects as part of the House Maui Initiative. PROJECT COST: \$52,453		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
Jay Stone, P.E., BCEE, CFM, CPESC, CPSWQ, CESCPC, CWPPP, ESCPC, LEED AP	Civil Engineering Manager	A. TOTAL 32	B. WITH CURRENT FIRM 14

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science, Civil Engineering
Bachelor of Arts, English

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer/Civil - HI [#9548 (exp.4/30/2026)]

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

Board Certified Environmental Engineer, Water Supply & Wastewater Certified Professional in Storm Water Quality Control Certified Erosion & Sediment Control Plan Preparer Certified Professional in Erosion & Sediment Control Certified Floodplain Manager Hawaii Council of Engineering Societies, Past Chair	LEED Accredited Professional International Society of Automation Water Environment Federation Certified Water Pollution Plan Preparer Hawaii Water Environment Association American Water Works Association	Association of Floodplain Managers American Society of Civil Engineers International Society of Automation American Academy of Environmental Engineers & Scientists Erosion & Sediment Control Plan Coordinator
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19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City and County of Honolulu, Department of Facility Management NPDES Municipal Separate Storm Sewerhy System (MS4) Retrofit Structural BMP Improvements Program	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Principal in Charge/Senior Civil Engineer SCOPE: Updated the City's action plan to meet permit requirements to retrofit 10% of the City's MS4 drainage structures. Incorporated planned projects from the City's other MS4 programs into the storm water retrofit planning process. Prepared plans, specifications, and opinions of probable costs for the repair of over 70 catch basins in Kakaako, including replacement with tree filter boxes and planter boxes; a bioretention cell at the intersection of Kapiolani Boulevard and Sheridan Street; and four different types of permeable pavement and pavers in the existing bicycle lane on South Street. Conducted HRS 6E consultation with SHPD. Conducted an archaeological inventory survey for the Sheridan Street project. Prepared the technical design guide of green and grey storm water BMPs for use by City personnel to select appropriate permanent stormwater BMPs for projects. Prepared new typical details and specifications of green stormwater BMPs and new standard details and specifications for catch basins and grated drain inlets. Prepared conceptual designs of proposed BMPs in Pearl City Industrial Park and the Waiau commercial/industrial area. Prepared written updates to the City's SWMPP annual report. Prepared plans, specifications, and opinions of probable construction costs for the repair of catch basins in the Ala Moana area. PROJECT COST: \$2,000,000		
b.	City and County of Honolulu, Department of Design and Construction Ala Moana Regional Park Pedestrian Bridges, Canal Wall, and Pond Improvements, Honolulu, HI	2022	2023
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Civil Engineer SCOPE: Processed the EIS, the Special Management Area permit, and all environmental permit applications (USACE permit, Section 401 WQC, CZM Consistency, and NPDES permit NOI-C) for repair of the failed canal wall sections, repair of the historic Bridle Bridge, demolition and replacement of the Piikoi Street and Queen Street bridges, and bank stabilization at the Japanese and Hawaiian Ponds within the park. PROJECT COST: \$14,600,000		
c.	City and County of Honolulu, Department of Design and Construction Aweoweo Street Drainage Outfall Improvement Waialua, HI	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Project Manager SCOPE: Provided permitting and design of storm drain outfall inlet protection. Coordinating processing of all approvals and permits, along with direction of design and preparation of construction documents. PROJECT COST: \$350,000		
d.	City and County of Honolulu, Department of Transportation Services Complete Streets Planning and Preliminary Design Kaneohe, Kailua, and Pearl City, HI	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Civil Engineer SCOPE: Assessed implementation of complete streets concept designs in Kaneohe, Kailua, and Pearl City area as part of planned road rehabilitation projects in each area. Initial tasks included evaluation of existing conditions through driving, walking, and bicycling audits of each community; identifying the complete streets network based on land use and roadway configuration; and developing preliminary street cross-sections showing options for pedestrian walkways, bicycle lanes, shared pathways, and vehicular travel lanes. PROJECT COST: \$4,000,000		
e.	State Department of Transportation, Highways General Hydraulic Engineering Services, Oahu, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Project Manager/Civil Engineer SCOPE: Evaluating scour conditions at 96 existing bridges on Oahu including 44 City and County of Honolulu bridges. Conducting detailed bridge inspection and preparing SERs to assess the potential for scour at each bridge. Performing hydrologic, HEC RAS analysis, and scour calculations, environmental permits and developing a Scour Plan of Action and other related engineering services including preparation of construction drawings, specifications and estimates necessary to address potential bridge scour. CONTRACT VALUE: \$5,000,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
Michael Nishimura, PE, ESCPC, CWPPP, CESCOP, LEED AP	Civil Engineering Manager/Senior Project Manager	A. TOTAL 27	B. WITH CURRENT FIRM 5

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science, Civil and Environmental Engineering
Bachelor of Arts, Physics

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer/Civil - HI [#10772 (exp. 4/30/2026)]
Professional Engineer/Civil - CA [#82626 (exp. 9/30/2025)]
Professional Engineer/Civil - GU [#1757 (exp. 4/30/2026)]
Professional Engineer/Civil - CNMI [#507 (exp. 8/30/2026)]

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

Certified Water Pollution Plan Preparer
Certified Erosion & Sediment Control Plan Preparer
Society of American Military Engineers, Honolulu Post
Erosion & Sediment Control Plan Coordinator
LEED Accredited Professional

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
PVT Land Company, Ltd. PVT Landfill Owner Advisory Services Waianae, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Project Manager SCOPE: Providing general third-party assistance to PVT for their construction and demolition waste landfill facility and its operations in line with prevailing State of Hawaii, Department of Health permit conditions, regulations and requirements. CONTRACT VALUE: \$1,388,400		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State) State of Hawaii, Department of Transportation, Airports Ahukini Landfill Restoration Phase 2 Lihue, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) TBD
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Civil Engineer SCOPE: Developing a plan to deal with shearwater bird habitat in the area; creating construction plans and specifications to stabilize a coastal slope containing landfill debris; and obtaining all necessary approvals and permits to allow such work. PROJECT COST: \$8,600,000		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State) City and County of Honolulu, Department of Facility Management NPDES MS4 Retrofit Structural BMP Improvements Program Honolulu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Civil Engineer SCOPE: Design of four different types of permeable pavement within the bike lane on South Street between Pohukaina Street and Kapiolani Boulevard. Pavement types will include a porous asphalt, pervious concrete, and two types of permeable pavers. A sign will also be installed to provide information about the pavement types installed and how they are part of a low impact development design. CONTRACT VALUE: \$3,120,000		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State) County of Kauai, Department of Public Works Kauai County Department of Public Works and Construction Management Support Services for Public Works Wastewater Division Various Locations, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Project Manager SCOPE: As a prime consultant, B+K is providing various environmental engineering, project management, construction management, and inspection services for repair and maintenance and capital improvement projects on this open-end contract. Task orders include multiple repairs, maintenance, improvements, and permitting at all four of the County of Kauai's wastewater treatment plants, and various pump stations and collection system locations throughout the island. CONTRACT VALUE: \$860,000.00 (Wastewater Division)		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State) City and County of Honolulu, Board of Water Supply Kailua and Pupukea Iwi Kupuna Reinterment Kailua & Pupukea, HI		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) N/A
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Monitoring Manager and Technical Advisor SCOPE: Developed design PS&E, permitting and post-design services for the construction of two archaeological reinterment sites from BWS construction projects. Coordinated with BWS Cultural Specialist/Archaeologist and descendants. PROJECT COST: \$200,000		☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
Lindsay Nakashima, PE, CWPPP, CESCOP, MBA	Deputy Civil Engineering Manager	A. TOTAL 23	B. WITH CURRENT FIRM 23

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science Civil Engineering
Master of Business Administration

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer/Civil - HI [#12569 (exp. 4/30/2026)]

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

Hawaii Council of Engineering Societies, Past Chair
American Society of Civil Engineers (ASCE)

Certified Water Pollution Plan Preparer
Certified Erosion & Sediment Control Plan Preparer

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
County of Maui, Department of Planning Coastal Resilience and Erosion Management Plan Mālaea Village, Maui		PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
a. ROLE: Project Civil Engineer. SCOPE: Conducted a utility study and developed a framework for managed relocation of Maalaea condos and residences on the shoreline. The study looked at the existing conditions providing an asset analysis of the water, sewer, drainage, electrical, and access. Impacts to those utilities were then studied based on sea level rise and coastal impacts. Using the information collected, the study provided questions and considerations for relocation of those utilities for managed retreat. PROJECT COST: \$300,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hilton Hawaiian Village Sea Level Rise Assessment Study Oahu, HI		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
b. ROLE: Project Civil Engineer SCOPE: Conducted a study on the impacts to the Hilton Hawaiian Village campus' utility infrastructure, vehicular access, and pedestrian routes as a result of sea level rise, passive flooding, and shoreline waves. The study included providing proposed mitigation measures to protect the coastline, infrastructure, and ensure critical service components are located above projected flood elevations. Opinions of probable construction costs were provided with initial steps to address the rising sea levels and plan for the future. PROJECT COST: \$93,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State of Hawaii, Department of Transportation, Highways Kaumualii Highway Feasibility Study, Hanapepe to Kekaha Kauai, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
c. ROLE: Deputy Project Manager SCOPE: Conducting a Feasibility Study to explore conceptual details, constraints, and prospective timelines for different resiliency improvement alternatives based on probable future scenarios of concern for Route 50, Kaumuali'i Highway, from Hanapēpē to Kekaha. The objectives of the Feasibility Study are to explore resiliency realities, criticalities, and challenges for the Route 50 study area. The scope of work will include coastal modeling of tidal flood frequency analysis and high-resolution sea level rise and wave inundation modeling. The modeling will be conducted for a variety of future sea level rise scenarios combined with different wave events to help estimate the frequency of occurrence of flooding at selected intervals in the future. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City & County of Honolulu, Board of Water Supply HFD NPDES Small MS4 Permit Kaneohe and Kailua Fire Stations Kaneohe and Kailua, HI		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2021
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
d. ROLE: Project Manager SCOPE: Prepared construction documents for storm water management improvements at two City fire stations in Windward Oahu. Improvements proposed at both fire stations addressed storm water quality and included redirecting roof and pavement runoff to new underground infiltration basins and seepage wells within the station site. PROJECT COST: Kaneohe \$350,000 / Kailua \$450,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu, Department of Facility Maintenance NPDES MS4 Retrofit Structural BMP Improvements Program – South Street Permeable Pavement Honolulu, HI		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) N/A
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
e. ROLE: Civil Engineer SCOPE: Design of four different types of permeable pavement within the bike lane on South Street between Pohukaina Street and Kapiolani Boulevard. Pavement types will include a porous asphalt, pervious concrete, and two types of permeable pavers. A sign will also be installed to provide information about the pavement types installed and how they are part of a low impact development design. PROJECT COST: \$2,000,000			

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Eric Tamashiro, PE, ESCPC, CWPPP, CESCPC, LEED AP	Senior Project Manager	31	22

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Science, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

Professional Engineer/Civil - HI [#9787 (exp.4/30/2026)]

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

LEED Accredited Professional
Hawaii Water Environment Association
Certified Erosion & Sediment Control Plan Preparer
American Society of Civil Engineers
Certified Water Pollution Plan Preparer
Erosion & Sediment Control Plan Coordinator
Water Environment Federation

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	County of Hawaii, Department of Public Works Ane Keohokalole Highway Kailua-Kona, HI	2012	2012
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Civil Engineer SCOPE: Completed construction documents for the County highway paralleling Queen Kaahumanu Highway for about 2.9 miles from Palani Road to Hina Lani Street. Also completed an Environmental Assessment; processed U.S. DOT Act of 1966 Section 4(f) review; conducted the NHPA Section 106 consultation and prepared the preliminary engineering report. PROJECT COST: \$35,000,000		
b.	Walton Street Capital LLC/Avalon Development Company LLC Kapolei Business Park Phase 2 Kapolei, HI	2017	2017
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Project Manager/Project Engineer SCOPE: Lead designer for subdivision improvements, including storm drainage system with water quality treatment units, roadways, water system improvements, and grading. Coordinated plan approval and National Pollutant Discharge Elimination System (NPDES) permit coverage processing. PROJECT COST: \$22,000,000		
c.	City & County of Honolulu, Department of Facility Maintenance Honolulu Fire Department, NPDES Small Municipal Separate Storm Sewer System (MS4) Program Assessments Oahu, HI	Ongoing VMF - 2017 / SE Roof - 2019 / NE Roof & Wash Facility - 2022	VMF - 2017 / SE Roof - 2019 / NE Roof & Wash Facility - 2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Civil Engineer SCOPE: Conducted field evaluations and facility assessments for the Akahi, Waialua, Wahiawa, Kailua, Kaneohe, Kaaawa, Sunset Beach, and Pawaa HFD stations relative to compliance with the City's NPDES Program. Prepared concept designs, opinions of cost and engineering reports to address storm water quality improvements. PROJECT COST: \$6,500,000		
d.	NAVFAC Hawaii FY21 Special Project RM 17-1635 Red Hill Repair Roads and Erosion Control Honolulu, HI	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Project Manager SCOPE: Provided engineering services for the repair of eroded areas, implementation of erosion control and rockfall mitigation measures, storm drainage improvements, and roadway improvement. Scope of work included conducting site engineering investigations and preparing 35%, 60%, pre-final and final design-bid-build contract documents. PROJECT COST: \$34,985,000		
e.	American Savings Bank American Savings Bank Campus Honolulu, HI	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Project Manager. SCOPE: Conducted site assessments, supported traffic and archaeological assessments and coordinated the site design for a 9-story, 120,000 gross square feet office building at the corner of Beretania and Aala Streets. Work within the right-of-way included the reconstruction of driveway aprons and walkways and utility structure and connections. PROJECT COST: \$34,985,000		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
Hae-Dong Lee, AIA, NCIDQ, LEED AP MBA	Principal Architect/Project Manager	A. TOTAL 19	B. WITH CURRENT FIRM 10

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (DEGREE AND SPECIALIZATION)

Bachelor of Architecture, Architecture
Master of Business Administration

17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE)

HI, Registered Architect [#17013 (exp. 4/30/2026)]
GA, Registered Architect

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

American Institute of Architects, Honolulu Chapter, Member

U.S. Green Building Council, LEED AP

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu, Department of Design and Construction Hans L'Orange Neighborhood Park - Parking Lot & Comfort Station Improvements Honolulu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) TBD
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Principal-in-Charge SCOPE: Architectural and engineering design services for the renovation of existing parking lot and comfort station. Scope of work includes the reconfiguration and addition to the existing parking lot as well as new comfort station. The new parking lot is proposed to have the capacity for 122 stalls which is double the current amount presently available. The comfort station will be constructed to allow/ limit access during times at which the baseball field is in operation. PROJECT COST: \$8,600,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu, Department of Design and Construction Honolulu Zoo Hawaiian Wetland Aviary Honolulu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) TBD
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Principal-in-Charge SCOPE: Architecture, landscape architecture, civil and electrical engineering, and entitlement planning services for the initial phase of a new Hawaii exhibit, which will feature a wetland aviary. The new exhibit starts at the main entrance arrival area and extends eastward to the Nene Goose Sanctuary. Once completed, the aviary will showcase animals in their habitat ranging from coastal wetlands to mountainous rain forests and further into dry forests and grasslands. The design intent is to expose guests to the wide range of native wetland (streams and ponds) and dryland habitats found in Hawaii. The scope of work for this project covers conceptual design and permitting, with follow-on design development and construction documents. PROJECT COST: \$750,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu, Board of Water Supply Secondary Microbiology Lab and Control Center Honolulu, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) TBD
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Principal-in-Charge SCOPE: Architectural and engineering design services for the design of a new microbiology testing laboratory for the Board of Water Supply. The laboratory will contain a virology lab, a testing area with autoclaves and incubators as well as storage and offices for the lab director and lab techs and will provide desks for field operatives. The lab will be designed to BSL-2. SIZE: 2,000 square feet / PROJECT COST: \$701,122 (fee)		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
County of Maui, Parks & Recreation - Planning and Development, ADA Transition Plan Kahului, HI		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Architecture Manager SCOPE: Review survey of 134 parks, and provide all corrective measures to comply with 2010 ADA standards. Conducting site verifications of approximately 35% of the sites. Conduct reviews of the study with DCAB and submit final report. PROJECT COST: \$6,000,000 (ROM)		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
County of Maui, Maui Police Department Maui Police Dispatch Flooring Kahului, HI		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2018
e.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Architecture Manager SCOPE: A/E design and construction administration services for modifying the existing dispatch office to create one level floor eliminating tripping hazards and to bring the dispatch office up to ADA compliance. The existing dispatch consoles and the access floors are removed and replaced with new consoles and access floors. In addition to the electrical work to accommodate the new dispatch consoles, the existing clean agent fire suppression system and air handling unit serving the under space of the access floor are disconnected and reinstalled to allow the installation of the new access floor. PROJECT COST: \$600,000		
		☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN SERVICE CATEGORY	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Chad Okinaka, AIA, LEED AP	Architecture Manager	36	2

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Architecture, Architecture

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

HI, Registered Architect [#8427 (exp. 4/30/2026)]

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

U.S. Green Building Council, LEED AP

American Institute of Architects

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	City and County of Honolulu, Department of Design and Construction Hans L'Orange Master Plan Update Waipahu, HI	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Architecture Manager SCOPE: Planning services for a new master plan for Hans L'Orange Park in Waipahu for community and stakeholder input to inform future development at the park coincides with the overall vision. The master plan consisted of new pedestrian circulation and expansion of the current parking lot to handle the parking needs of the baseball stadium. Also included in the master plan is demolition of the existing comfort station and construction of a new comfort station closer to the baseball stadium. The master plan required community and stakeholder input on the vision and cost. PROJECT COST: \$3,760,000		
b.	City and County of Honolulu, Board of Water Supply, Kalaeloa Seawater Desalination Facility (subconsultant to Kalaeloa Desalco, LLC) Honolulu, HI	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Architecture Manager SCOPE: Civil and environmental engineering, architecture, landscape architecture, planning, and permitting services for the Kalaeloa Seawater Desalination Facility design-build-operate-maintain project for the Board of Water Supply. The initial buildout for this project will be a seawater reverse osmosis water treatment plant with an initial production capacity of 1.7 MGD; the on-site and off-site facilities required to dispose of concentrate and other water treatment byproducts generated by the WTP; and off-site ancillary facilities, including access roadway improvements, a recycled water pipeline, a product water transmission line, and an underground injection control transmission line. Although the initial WTP production capacity will be 1.7 MGD, the facility will be programmed and planned to accommodate future cost-effective expansions in up to two additional phases up to 5.1 MGD. PROJECT COST: \$150,000,000		
c.	City and County of Honolulu, Board of Water Supply Secondary Microbiology Lab and Control Center Honolulu, HI	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Architecture Manager SCOPE: Architectural and engineering design services for the design of a new microbiology testing laboratory for the Board of Water Supply. The laboratory will contain a virology lab, a testing area with autoclaves and incubators as well as storage and offices for the lab director and lab techs and will provide desks for field operatives. The lab will be designed to BSL-2. SIZE: 2,000 square feet / PROJECT COST: \$701,122 (fee)		
d.	Hawaii Community Foundation (HCF), Kamamalu Park Concept Study Honolulu, HI	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Architecture Manager SCOPE: Architectural design services for the renovation of two locker room buildings (one 6,200 sq ft and the other 5,500 sq ft) on the Ke'elikolani Intermediate School Campus into (7) new preschool classrooms with support facilities (Prep/Kitchenette rooms, restrooms, storage, etc.). Work also includes extensive site rework to accommodate the outdoor play area requirements of a Preschool. PROJECT COST: \$1,993,213		
e.	State of Hawaii, Hawaii Health Systems Corporation, Hilo Medical Center Hospital Expansion Hilo, HI	Ongoing	TBD
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM ROLE: Architecture Manager SCOPE: A/E services for the expansion of approximately 18,900 SF to the existing 249,886 SF at Hilo Medical Center, which will be situated above the current location of the physician and visitor parking. The expansion space is programmed for an 18-bed Intensive Care Unit with 2 enclosed stair shafts. Rooftop and ground floor mechanical and electrical spaces to include air handling units, domestic hot water, electrical rooms, medical gas and miscellaneous infrastructure components. PROJECT COST: \$30,000,000		

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 1
21. TITLE AND LOCATION (City and State) The Wilhelm Group for State of Hawaii, Department of Transportation, Harbors State DOTH Hilo and Kahului Harbors Land Acquisition Hilo, Hawaii, and Kahului, Maui		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER The Wilhelm Group for State of Hawaii, Department of Transportation, Harbors	b. POINT OF CONTACT NAME Rod Nagao	c. POINT OF CONTACT TELEPHONE NUMBER (808) 791-2382
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Relevant Features:

- Due diligence reports to support Acquisition
- Comprehensive Environmental Assessments
- Hazardous materials investigated & addressed
- Historic Architecture evaluated
- Solutions alleviating nearby traffic congestion

SCOPE: Assisting the State of Hawaii, Department of Transportation, Harbors (HDOT-H) with the acquisition of privately held lands surrounding both Hilo and Kahului Harbors by completing due diligence studies and an Environmental Assessment. HDOT-H would acquire two parcels for Kahului Harbor (10.73 acres) and five parcels for Hilo Harbor (9.38 acres) to accommodate harbor expansion. The marine cargo industry is an essential component of Hawaii's economy and livelihood, and acquiring several privately-owned parcels would improve the internal operational efficiency of both Kahului and Hilo Harbors to accommodate the projected increase in the amount of goods shipped between these islands.

Supported HDOT-H in developing improvement concepts utilizing the parcels proposed for acquisition at both harbors. Developed harbor access alternatives, stacking lanes improvements for semi-trailers, accommodating cruise ship passengers to improve operational efficiency, and determining improvements needed for overall cargo operations.

Due diligence reports prepared for both harbors identified site conditions, access and other property information associated with these parcels to support HDOT-H's evaluation of the feasibility of acquiring them. Redevelopment options considered for these parcels were reasonable and feasible and provides needed space to support long-term harbor operations. An Environmental Assessment prepared for Hilo Harbor addressed various effects associated with the parcels and their redevelopment. This included hazardous materials from former industrial use, historic architecture associated with buildings and structures, improving traffic conditions for the community near the harbor, economic displacement resulting from acquisition, and addressing general community concerns.

PROJECT SIZE: Hilo Harbor: 9.38 Acres / Kahului Harbor: 10.73 Acres

PROJECT COST: Total Fee: \$1,214,003



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2
21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Department of Land and Natural Resources Division of Forestry and Wildlife Palamanui Forest Reserve Planning Kailua-Kona, Hawaii		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawaii, Department of Land and Natural Resources, Division of Forestry and Wildlife	b. POINT OF CONTACT NAME Jennifer Grimm	c. POINT OF CONTACT TELEPHONE NUMBER (808) 927-0412
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Relevant Features:

- Extensive stakeholders and community outreach
- Management partnership with University of Hawaii Hawaii Palamanui Community College
- Innovative forest reserve management planning and restoration for endangered and native plants
- Comprehensive planning and master plan development

SCOPE: Assisting the State of Hawaii (State), Department of Land and Natural Resources (DLNR), Division of Forestry and Wildlife (DOFAW) in conducting comprehensive restoration, environmental, and community planning for the Palamanui forest area of about 872 acres of unencumbered State land in Kailua-Kona of the island of Hawaii.

DOFAW is planning to develop a community forest management plan for Palamanui to guide future programming, decision-making, and design work to implement improvements to this forest area. Development of this plan is being conducted in partnership with the Hawaii Community College-Palamanui (HCC-Palamanui) located adjacent to the project area. This project aims to protect and improve some of the last remaining native low-land dry forest while also providing outdoor recreational opportunities and educational programs for the community through a collaborative effort between the HCC-Palamanui and DLNR's DOFAW. HCC-Palama staff, students and volunteers have been conducting some restoration of this forest area, and the project would support and expand their efforts, educational opportunities, along with supporting environmental restoration and cultural practices. This effort supports developing a forest restoration and management plan for Palamanui that identifies conceptual improvements and management programs setting the framework for designing and constructing improvements. Such improvements would be developed in consultation with HCC-Palamanui, stakeholders and the community to support the long-term stewardship of this area.

PROJECT SIZE: About 872 Acres
PROJECT COST: \$385,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.  Bowers + Kubota Consulting, Inc.	Waipahu, HI	Master Planning,, Environmental Planning

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> County of Kauai, Department of Public Works Waimea 400 Technical Studies Waimea, Island of Kauai, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES: Ongoing CONSTRUCTION <i>(if applicable)</i> : N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER County of Kauai, Department of Public Works	b. POINT OF CONTACT NAME Wade Lord	c. POINT OF CONTACT TELEPHONE NUMBER (808) 241-4906
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Relevant Features:

- Wetland management and restoration planning for flood management and resiliency to future sea level rise and climate change impacts Management partnership with University of Hawaii Hawaii Palamanui Community College
- Programmatic Environmental Impact Statement in coordination with multiple agencies
- NEPA and federal regulatory requirements
- Engaging stakeholders and community members to address the diverse range of interests, ideas, and impacts related to the project property
- Conceptual master planning and technical analysis



SCOPE: Bowers + Kubota Consulting (B+K) is supporting the County of Kauai Department of Public Works to coordinate technical studies, update the conceptual master plan, and complete environmental compliance requirements for the approximately 417-acre Waimea 400 property owned by the County of Kauai. The project encompasses 350+ acres of the Waimea 400 property and includes several key components: updating the conceptual master plan including areas of wetland restoration to enhance flood management and resilience against future sea level rise and climate change impacts; preparation of a Programmatic Environmental Impact Statement in collaboration with multiple agencies; adherence to the National Environmental Policy Act (NEPA) and federal regulatory requirements; and engaging stakeholders and community members to address the diverse range of interests, ideas, and impacts related to the project property. Additionally, the project involves conceptual master planning and technical analysis to ensure comprehensive and sustainable development.

The affordable housing area of the project is being implemented separately by the Kauai Housing Agency, however, the HRS 343 Programmatic EIS and NEPA EA will also address the planned affordable housing on-site.

B+K is also coordinating the following technical studies, which are being conducted to investigate site constraints and environmental impacts related to the project:

- Archaeological Literature Review and Field Inspection Report
- Biological Survey
- Cultural Impact Assessment
- Geotechnical Study
- Hydrogeology Study
- Hydrologic and Hydraulic Study
- Phase 1 Environmental Site Assessment
- Preliminary Engineering Report (B+K)
- Soils Study
- Topographical Study including Uncrewed Aircraft System (UAS) aerial contour map (B+K)
- Traffic Study
- Water Management and Green Infrastructure Conceptual Planning
- Wetland Delineation Study

PROJECT COST: N/A (Planning Study; no construction)

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.  Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner, Civil Engineer

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 4
21. TITLE AND LOCATION <i>(City and State)</i> County of Maui, Department of Public Works Waiale Road Extension Project Waikapu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES: Ongoing CONSTRUCTION <i>(if applicable)</i> : N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER County of Maui, Department of Public Works	b. POINT OF CONTACT NAME Nolly Yagin	c. POINT OF CONTACT TELEPHONE NUMBER (808) 270-7437
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Areas this Project Addresses:

- Chapter 343 HRS/NEPA Environmental Assessment
- Conceptual and Preliminary Engineering
- Agency Coordination and Public Outreach
- Utility Design and Coordination
- Plans, Specifications, and Estimate
- Right-of-Way mapping and appraisal services
- Funding (Federal, State, and Public Private Partnerships)
- RAISE Grants with FHWA/HDOT Oversight
- Construction Management
- Project Management



SCOPE: The Bowers + Kubota project team is providing the County of Maui cradle to grave services, from planning through construction, on the Waiale Road Extension project. The project will extend Waiale Road from its current terminus at East Waiko Road southward to Honoapiilani Highway. The proposed extension will support all transportation modes, protect non-motorized travelers, and is approximately 8,600 lineal feet (ft.) in length within an 80-ft. right-of-way. The Waiale Road extension is a critical part of the planned regional infrastructure for the County of Maui and will serve as the catalyst for surrounding planned developments to increase much needed affordable housing.

The B+K project team will review the environmental documentation, preliminary design, and final construction documents for the Waiale Road extension.

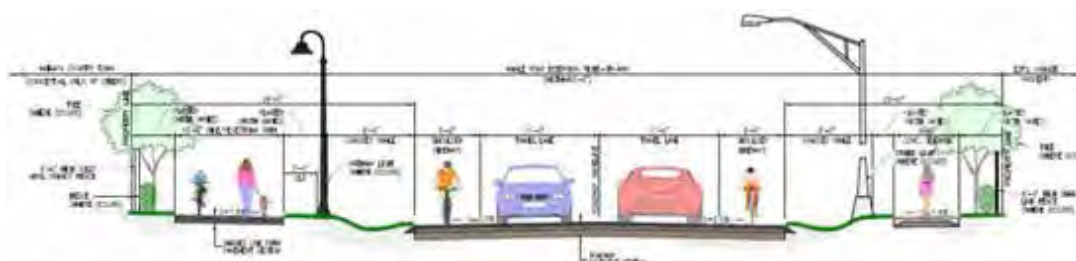
The roadway improvements will include a single span bridge over Waikapu Stream, roundabout intersections, two through lanes, shoulder bikeways, pedestrian sidewalks, a shared-use path, and parallel grassy swales, which will serve as a permanent stormwater best management practice (BMP).

The B+K project team will conduct agency and public coordination, both to seek input and provide information relating to the environmental and design related tasks. The environmental documentation for the improvement project will be prepared as a joint NEPA/HRS 343 environmental assessment.

Ready to Advertise documents will include construction plans, specifications, engineer's estimate, and permits. Bid support and construction management will be provided by B+K.

B+K is also assisting the County of Maui by exploring funding options for the roadway project. The funding options include federal-aid funding, developer pro rata fair share, state funding, federal discretionary grants, and public private partnerships. The B+K team has already been successful in helping the County obtain a FY2022 RAISE grant for \$25 Million.

PROJECT COST: \$87,000,000 (estimated)



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Bowers + Kubota Consulting, Inc.	Waipahu, HI	Project and Construction Management

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 5
21. TITLE AND LOCATION <i>(City and State)</i> County of Maui, Office of Recovery Maui Disaster Recovery Management Services Island of Maui, Hawaii		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER County of Maui, Office of Recovery	b. POINT OF CONTACT NAME Keanu Lau Hee	c. POINT OF CONTACT TELEPHONE NUMBER (808) 270-7855
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Areas this Project Addresses:

- Site and Damage Assessment
- Project Scope Development
- Grant Management
- Program Management
- Temporary and Permanent Housing support
- Community Outreach support
- Staff Augmentation

SCOPE: Bowers + Kubota is working as a sub-consultant to TetraTech to support the Office of Recovery with broad disaster recovery service after the devastating fires in August 2023. The services assist and guide the County by offering comprehensive solutions, strategic planning and coordination, and opportunities to emerge stronger and more resilient.

B+K assists the Infrastructure Recovery Support Function (RSF) team in developing, strategizing, and expediting infrastructure projects to support the repopulation of residents in the areas impacted by the wildfires. This includes the development of a recovery road map showing critical milestones for infrastructure, temporary and permanent housing, and future resiliency projects to be used by County along with federal and local partners for coordination, collaboration, and situational awareness.

B+K developed a comprehensive matrix of critical infrastructure projects for the Office of Recovery indicating budgets and fiscal year spending along with associated presentations to request funds from the Senate Committee on Ways and Means during the legislation session and for the Maui County Council during the budget session.

We provide support for the community outreach efforts by assisting the Department of Management and Office of Communication and Public Affairs. This includes assistance with the responses to the frequently asked questions (FAQs) from the community public meetings and creating FAQ worksheets and flowcharts for various activities including permitting requirements for temporary dwellings in the fire impacted areas.

We prepared site inspection and damage assessment reports for various County departments and locations that were damaged by the wildfires. The assessments include detailed narratives and photographs of the damaged site for various structures, wastewater pumps stations, and parks and recreational facilities. These assessment reports will be used to capture FEMA funding for the County.

B+K provides support to Tetra Tech for the FEMA Hazard Mitigation Grant Program (HMGP) by developing and providing scope for projects that may be eligible for the grant program which include short and long-term projects such as roadway connectivity, flood mitigation, building construction, water and wastewater resiliency projects.

PROJECT COST: \$687,685

Request	Subsequent Years		Total
FY 2025	FY 2026	FY 2027	
7,000,000	4,000,000		11,000,000

PROJECT DESCRIPTION
 Repair and replace the existing roads (minor repairs) and sidewalks that were damaged and verification of all the survey

One of 20 project sheets put together for funding requests

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. BK Bowers + Kubota Consulting, Inc.	Waipahu, HI	Project Management, Infrastructure and Housing Support, Community Outreach

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6
21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Department of Land and Resources, Division of Forestry and Wildlife DOFAW Kawainui Marsh Protection Kailua, Oahu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawaii, Department of Land and Resources	b. POINT OF CONTACT NAME Jason Misaki	c. POINT OF CONTACT TELEPHONE NUMBER (808) 831-7984
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Relevant Features:

- Innovative wetland and restoration planning for endangered species along with forest management
- Design work of improvements addressing climate change and sustainability
- Planning, permitting, and design for improvements supporting DOFAW resource management and operations

SCOPE: The State of Hawaii (State), Department of Land and Natural Resources (DLNR), Division of Forestry and Wildlife (DOFAW) is planning to construct maintenance road, ramp for wetland access of equipment, other accessory improvements (gates, staging areas, etc.) to provide improved access for staff around a portion of the Kawainui Marsh State Wildlife Sanctuary (Kawainui Marsh) to support their restoration and management efforts. Kawainui Marsh encompasses about 986-acres of State-owned property located in Kailua on the Island of Oahu. Improved vehicle access and other improvements would support DOFAW's ability to access areas of the marsh to implement wetland and upland restoration activities, remove invasive plants, manage the resource, and provide more efficient operations for staff.

CONTRACT VALUE: \$1,138,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.  Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner, Civil Engineer and Landscape Architecture

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 7
21. TITLE AND LOCATION (City and State) City and County of Honolulu, Board of Water Supply Granular Activated Carbon Reactivation Facility Kapolei, Ewa, Oahu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES: Ongoing CONSTRUCTION <i>(if applicable)</i> : N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City and County of Honolulu, Board of Water Supply	b. POINT OF CONTACT NAME Ross Lum	c. POINT OF CONTACT TELEPHONE NUMBER (808) 748-5835
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

Relevant Features:

- Strategic Evaluation Reports on Feasibility
- First GAC Facility in State
- Project Development and Site Alternatives Evaluation
- Solutions Alleviating Nearby Traffic Congestion

SCOPE: Bowers + Kubota Consulting (B+K) is preparing a design-build-operate-maintain (DBOM) request for proposal (RFP) for the design, construction, operation, and maintenance of a granular activated carbon (GAC) reactivation facility for the Honolulu Board of Water Supply. The BWS needs to address a long-term solution for the disposal and/or reactivation of spent GAC generated from their water treatment operations at 13 facilities. Recent actions and future changes to the City's solid waste management operations have impacted the current GAC disposal operations resulting in the need for this action.

A Preliminary Engineering Report (PER) determined that an Oahu island on-site GAC reactivation facility was the best long-term solution to address the disposal and reuse of spent GAC. The PER evaluated different sites on island for this new facility and identified a site in the Kapolei Business Park as a feasible location. Subsequently, another site in Kalaeloa has become available for this new facility.

Work is occurring to evaluate project design requirements and the development feasibility of using either the Kapolei site, Kalaeloa site, or a combination of both sites. B+K is leading a multidisciplinary team to develop the specifications, conceptual plans, contract requirements, and evaluation criteria of the RFP and to address entitlements, permits, and environmental clearances of the project site. The RFP would employ a two-phase approach. The first phase evaluating the qualifications of prospective DBOM entities. The second phase evaluated the price and approach of the shortlisted DBOM entities. Necessary environmental review, land use permits, and technical studies would also be conducted for the selected site of the new GAC facility.



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. BK Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		8
21. TITLE AND LOCATION (City and State)		22. YEAR COMPLETED
State of Hawaii, Department of Transportation, Highways Kaunualii Highway Feasibility Study, Hanapepe to Kekaha Kekaha, Kauai		PROFESSIONAL SERVICES 2024 CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
State of Hawaii, Department of Transportation, Highways Division	Dean Matsui	(808) 587-1830
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Areas this Project Addresses:

- Climate Change/Resiliency
- Data Gathering and Review
- Conceptual Design
- Coastal Engineering
- Feasibility Study
- Project Management

SCOPE: Bowers + Kubota conducted a Feasibility Study to explore conceptual details, constraints, and prospective timelines for different resiliency improvement alternatives based on probable future scenarios of concern for Route 50, Kaunualii Highway, from Hanapepe to Kekaha.

The objectives of the Feasibility Study are to:

- Explore resiliency realities, criticalities, and challenges for the Route 50 study area.
- Conduct a study to explore alternatives, examine environmental impacts, risks, and feasibility to improve the resiliency of Route 50
- Provide a final report summarizing the findings to proactively vet feasible and practicable options and prioritize solutions.

The scope of work included coastal modeling of tidal flood frequency analysis and high-resolution sea level rise and wave inundation modeling. The modeling was conducted for a variety of future sea level rise scenarios combined with different wave events to help estimate the frequency of occurrence of flooding at selected intervals in the future.

A feasibility assessment with planning level opinions of probable costs and an analysis of disadvantaged communities were conducted to reflect possible coastal engineering alternatives to improve the resiliency of Route 50 to future sea level rise. Alternatives included, beach restoration, beach restoration with stabilizing structures, berm or dune enhancement or creation, existing revetment repairs or enhancements, new shoreline structures, scour protection, ground elevation or setback suggestions, and other possible nature-based solutions. The alternatives and recommendations were prioritized for implementation and included midterm and long-term solutions that most effectively meet the HDOT's priorities. The feasibility study provides HDOT with a range of projects that will have a defined purpose and tangible and recognized benefits.

CONTRACT VALUE: \$675,000



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a.  Bowers + Kubota Consulting, Inc.	Waipahu, HI	Project Management, Conceptual Design, Transportation Planning, Coastal Modeling

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 9
21. TITLE AND LOCATION <i>(City and State)</i> Kamehameha Schools Kapuanoni Heiau Restoration Project Kahaluu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Kamehameha Schools	b. POINT OF CONTACT NAME Jon Tulchin, Senior Manager	c. POINT OF CONTACT TELEPHONE NUMBER (808) 534-8324
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

- Areas this Project Addresses:
- Restoration of a heiau that extends into a tidepool and ocean
 - Implement unique preservation plan concepts and requirements
 - Extensive federal, state, and county permitting for re-construction work in the water and shoreline area
 - Coordinating with lineal descendants on reconstruction

SCOPE: Provide planning, engineering, and permitting services to support Kamehameha Schools (KS) in implementing improvements to reconstruct and restore the Kapuanoni Heiau located in Kahalu‘u on the island of Hawai‘i that was destroyed by the construction of the former Keauhou Beach Hotel. KS will restore Kapuanoni Heiau to its original extents, structural appearance, and function. The restoration plan developed for this heiau has the outer wall and footprint of the heiau extending into the seaward tide pool approximately 35 feet from the current surveyed shoreline and beyond the current property line.

Federal, state, and county permits would be required for work occurring within the tide pool and shoreline requiring considerable agency coordination and specialized technical studies (coral, water quality, sea level rise, coastal erosion, marine, cultural). Coordination with the State Department of Land and Natural Resources (DLNR) is required to obtain an easement and lease for portions of the heiau extending beyond the property line. Design work will entail developing construction plans utilizing specialized equipment, construction methods, and best management practices to minimize adverse effects on the marine environment. Boulders would be collected from the tide pool (“rock-harvesting area”) and at another inland site to support reconstruction of heiau walls (>10 feet tall) and structure. Rocks would be stockpiled and shaped within the Kahaluu property.

PROJECT SIZE: About 2 Acres
PROJECT COST: \$1,035,000



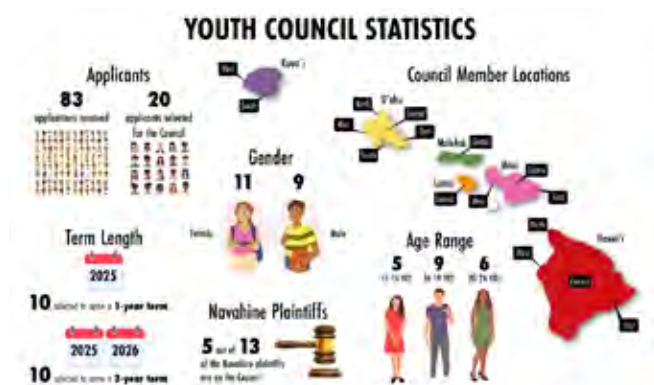
25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.  Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT (Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)		20. EXAMPLE PROJECT KEY NUMBER
		10
21. TITLE AND LOCATION (City and State)	22. YEAR COMPLETED	
State of Hawaii, Department of Transportation, Highways Hawaii Youth Transportation Council Statewide, HI	PROFESSIONAL SERVICES 2023	CONSTRUCTION (if applicable) N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawaii, Department of Transportation	b. POINT OF CONTACT NAME Laura Kaakua	c. POINT OF CONTACT TELEPHONE NUMBER (808) 583-4751
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

Relevant Features:

- Project management, planning, and coordination to support a Youth Council made up of 20 members
- Facilitation of meetings and outreach activities
- Consultation and coordination between youth, government officials, and partner organizations and agencies
- Planning and engineering support for decarbonization, climate resiliency, and sustainability efforts

SCOPE: Bowers + Kubota Consulting (B+K) is assisting the State of Hawaii, Department of Transportation (HDOT) in establishing and facilitating a voluntary Youth Transportation Council to advise on HDOT's climate mitigation and adaptation commitments on a quarterly basis. The establishment of the Youth Transportation Council was part of the requirements of the settlement agreement in Navahine v. Department of Transportation, State of Hawaii (2022) in order to advise HDOT on ways to reduce greenhouse gas emissions and to adapt from climate impacts in the State's transportation network. The Youth Transportation Council will seek to improve HDOT's work via appropriate integration of youth feedback into HDOT's policies, plans, and projects. The council may also conduct outreach activities to educate and provide direct industry experience to Hawai'i's youth about HDOT's climate mitigation and adaptation efforts and transportation.



B+K will assist the HDOT in creating foundational documents for the Youth Transportation Council, facilitating the selection of council members, meeting facilitation and planning, preparing graphics and promotional materials for the council, program management, website management, logistical and administrative support, and coordination to facilitate meaningful interactions between youth and government officials. B+K will also provide targeted planning and engineering support for decarbonization, climate resiliency, and sustainability based on the needs of the Youth Transportation Council in partnership with the HDOT.

CONTRACT VALUE: \$1,000,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
a. BK Bowers + Kubota Consulting, Inc.	Waipahu, HI	Planner, Civil Engineer

G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN EXAMPLE PROJECT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role).									
		1	2	3	4	5	6	7	8	9	10
Kathleen Chu, PE	Principal in Charge	X	X		X	X	X		X		X
Jared Chang, AICP	Planning Manager	X	X	X	X	X	X	X	X	X	X
Ronald Sato, AICP	Senior Project Manager	X	X		X		X	X	X	X	
Carah Kadota, AICP	Planning Project Manager	X				X			X		X
Malachi Krishok	Planning Project Manager		X	X		X	X				
Monica Daga	Senior Planner										
Ty Shiramizu, AICP	Planner	X		X		X				X	X
Matthew Fernandez	Planner		X			X	X	X		X	
Noah Tabar	Planner							X	X		X
Kaitlyn Nokosi	Technical Specialist			X	X	X					
Amy Yamakawa	Graphic Designer	X	X	X	X	X	X	X	X	X	X
Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC, CESCPP, LEED AP	Civil Engineering Manager	X					X	X		X	
Michael Nishimura, PE, CWPPP, ESCPC, CESCPP, LEED AP	Civil Engineering Manager/ Senior Project Manager	X		X			X		X		
Lindsay Nakashima, PE, CWPPP, CESCPP, MBA	Deputy Civil Engineering Manager		X	X			X		X		
Eric Tamashiro, PE, CWPPP, ESCPC, CESCPP, LEED AP	Senior Project Manager					X				X	
Hae-Dong Lee, AIA, NCIDQ, LEED AP, MBA	Senior Project Manager				X	X					
Chad Okinaka, AIA, LEED AP	Senior Project Manager					X					

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	The Wilhelm Group for State of Hawaii, Department of Transportation, Harbors State DOTH Hilo and Kahului Harbors Land Acquisition Hilo, Hawaii, Kahului, Maui	6	State of Hawaii, Department of Land and Resources, Division of Forestry and Wildlife DOFAW Kawainui Marsh Protection Kailua, Oahu, HI
2	State of Hawaii, Department of Land and Natural Resources DOFAW Palamanui Forest Planning Kailua-Kona, HI	7	City and County of Honolulu, Board of Water Supply Granular Activated Carbon Reactivation Facility Kapolei, Ewa, Oahu
3	County of Kauai, Department of Public Works Waimea 400 Technical Studies Waimea, Island of Kauai, HI	8	State of Hawaii, Department of Transportation, Highways Kaunualii Highway Feasibility Study, Hanapepe to Kekaha Kekaha, Kauai
4	County of Maui, Department of Public Works Waiale Road Extension Project Waikapu, HI	9	Kamehameha Schools Kapuanoni Heiau Restoration Project Kahaluu, Hawaii
5	County of Maui, Office of Recovery Maui Disaster Recovery Management Services Island of Maui, Hawaii	10	State of Hawaii, Department of Transportation Highways Hawaii Youth Transportation Council Statewide, HI

H. ADDITIONAL INFORMATION

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

SUMMARY OF QUALIFICATIONS

1. Name of firm or individual, principal place of business, and location of all its offices.

Name of firm: Bowers + Kubota Consulting, Inc.
Principal Place of Business: 94-408 Akoki Street, Suite 201-A
Waipahu, HI 96797
Location of all Offices: Main Office (Waipahu) - Oahu
Satellite Office (Kalihi) - Oahu
Satellite Offices - Maui and Kauai
Field Offices - Hawaii and Molokai

2. Age of the firm and its average number of employees over the past 5 years.

B+K staff size currently consists of 271 employees. The profile of the staff includes 11 Principals, 39 Project Managers, 25 Construction Managers, 66 Inspectors, 30 Civil Engineers, 5 Electrical Engineers, 4 Mechanical Engineers, 22 Architects, 8 Landscape Architects, 7 Planners, 2 Schedulers, 10 Technicians, and 40 Administrators. Over the past 5 years, the average number of B+K employees has been 225 total staff.

3. Education, training, and qualification of key members of the firm.

KEY PERSONNEL PROFESSIONAL QUALIFICATIONS						
KEY PERSONNEL	PROJECT ROLE	ACTIVE PROFESSIONAL REGISTRATION		NO. OF YEARS EXPERIENCE	EDUCATION	OTHER CERTIFICATIONS / TRAINING
		STATE	DISCIPLINE			
CIVIL AND ENVIRONMENTAL DESIGN						
Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CESCPP, CWPPP, ESCPC, LEED AP	Principal Civil Engineer	HI	Civil	32	BS/BA	BCEE, CFM, CPSWQ, ESCPC, CPESC, CWPPP, CESCPP, LEED AP
Michael S. Nishimura, PE, ESCPC, CWPPP, CESCPP, LEED AP	Civil Engineering Manager/Senior Project Manager	HI/CA/GU/CNMI	Civil	27	BS/BA	ESCPC, CWPPP, CESCPP, LEED AP
Lindsay Nakashima, PE, CWPPP, CESCPP, MBA	Deputy Civil Engineering Manager/ Senior Project Manager	HI	Civil	23	MBA/BS	CWPPP, CESCPP, MBA
Kathleen Chu, PE	Senior Project Manager	HI/CA	Civil	33	BS	-
David Bills, PE, CWPPP, CESCPP	Senior Project Manager	HI/GU	Civil	49	MS/BS	CWPPP
Trina Onuma, PE, CWPPP, LEED AP, CESCPP, MBA	Senior Project Manager	HI	Civil	42	MBA/BS	CWPPP, CESCPP, LEED AP
Cary Kondo, PE, CWPPP, CESCPP	Senior Project Manager	HI	Civil	49	MS/BS	CWPPP, CESCPP
Nicolo “Nick” Orense, PE, CWPPP, CESCPP, LEED AP	Senior Project Manager	HI/CA	Civil	41	BS	CWPPP, CESCPP, LEED AP
Jeremy Michelson, PE, PMP, CPESC, CWPPP, CESCPP	Senior Project Manager	HI	Civil	29	BS	PMP, CPESC, CWPPP, CESCPP
Eric Tamashiro PE, CWPPP, ESCPC, CESCPP, LEED AP	Senior Project Manager	HI	Civil	31	BS	CWPPP, ESCPC, CESCPP, LEED AP
Kristen Yoshida, PE, CPESC, CPSWQ, CWPPP, CESCPP	Senior Project Manager	HI	Civil	13	MS/BS	CPESC, CPSWQ, CWPPP, CESCPP
Karen Bates, PE, CWPPP, CESCPP	Project Manager	HI	Civil	32	BS	CWPPP, CESCPP
Harold Pascua, PE, CWPPP, CESCPP	Project Manager	HI	Civil	23	BS	CWPPP, CESCPP
Christopher Bosek, PE, CWPPP, CESCPP	Project Manager	HI/NY/FL	Civil	7	BS	CWPPP, CESCPP

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KEY PERSONNEL PROFESSIONAL QUALIFICATIONS						
KEY PERSONNEL	PROJECT ROLE	ACTIVE PROFESSIONAL REGISTRATION		NO. OF YEARS EXPERIENCE	EDUCATION	OTHER CERTIFICATIONS / TRAINING
		STATE	DISCIPLINE			
Justin Privett, PE, CWPPP, CESCPC	Senior Civil Engineer	HI	Civil	19	BS	CWPPP, CESCPC
Patricia Cabus, PE, CWPPP, CESCPC	Civil Engineer	HI	Civil	7	BS	CWPPP, CESCPC
Joshua Gusman, PE, ESCPC, CWPPP, CESCPC	Civil Engineer	HI	Civil	6	BS	ESPCPC, CWPPP, CESCPC
Lucas Aribon, PE, ESCPC	Civil Engineer	HI	Civil	4	BS	ESPCPC
Nicholas Kanno, PE, ESCPC	Civil Engineer	HI	Civil	4	BS	ESPCPC
Carolyn Len, ESCPC, LEED AP	Civil Engineer	-	N/A	33	BS	ESPCPC, LEED AP
Cleto "Clay" Patoc, ESCPC	Civil Engineer	-	N/A	24	BS/AS	ESPCPC
Eric Torrate, CFM, ESCPC	Civil Designer	-	N/A	25	AS	CFM, ESCPC
Albert Rivera	CADD Manager/UAS Pilot	-	N/A	33	AS	UAS FAA Part 107
MECHANICAL DESIGN						
Kevin Katayama, PE, LEED AP BD+C	Mechanical Engineering Manager	HI/NV	Mechanical / Fire Protection	38	BS	LEED AP BD+C
Corey Chun, PE	Senior Project Manager	HI	Mechanical	28	BS	
Travis Salyphone	Designer		N/A	1	BS	
Kody Panui, PE	Mechanical Engineer	HI	Mechanical	5	BS	
ELECTRICAL DESIGN						
Brian Itozaki, PE, LEED AP	Electrical Engineer Manager	HI	Electrical	34	BS	LEED AP
Kiyoshi Hashida, EIT	Electrical Designer III			3	BS	
Nicholas Enomoto	Electrical Designer III		N/A	11	BS	
Jeffrey Basallo	Electrical Engineer		N/A	19	BS	
Kacie Nakamura	Electrical Designer III		N/A	10	BS	
Alika Guillermo	Electrical CAD Operator		N/A	3	BA	
Alan Cardona	Electrical CAD Operator		N/A	26	BA	
ARCHITECTURE						
Hae-Dong Lee, AIA, NCDIQ, LEED AP, MBA	Principal Architect	HI/GA	Architect	19	MBA/BA	NCDIQ, LEED AP
Chad Okinaka, AIA, LEED AP	Architecture Manager	HI	Architect	36	BA	LEED AP
Julius G. Vergabera	Architecture Deputy Manager		N/A	16	AS	
Jonathan Ramento, AIA, CDT	Project Manager	HI	Architect	16	AS	CDT
Dean Ichiyama, AIA	Senior Project Architect	HI	Architect	38	BA	CSI
Aaron Ackerman, LEED AP ID+C	Sustainability Team Leader/Project Architect		N/A	21	BA	LEED AP
Robyn Ebisui, ASID, LEED AP	Interior Designer		N/A	16	DArch/BA	ASID, LEED AP
Anna Sakata	Project Architect		N/A	37	BS	
Landon Hamada	Project Designer		N/A	9	DArch/BA	
Andy Corpuz	Project Designer		N/A	26	BA	
Gerald Sarmiento	Project Designer		N/A	14	BA	
Rocky Ipalari	Project Designer		N/A	16	AS	

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KEY PERSONNEL PROFESSIONAL QUALIFICATIONS						
KEY PERSONNEL	PROJECT ROLE	ACTIVE PROFESSIONAL REGISTRATION		NO. OF YEARS EXPERIENCE	EDUCATION	OTHER CERTIFICATIONS / TRAINING
		STATE	DISCIPLINE			
Willy Corpuz	Project Designer		N/A	35	BS	
Kei Ri	Project Designer		N/A	15	BA	
CONSTRUCTION MANAGEMENT						
Todd Niemann, CCM	Principal in Charge	-	N/A	41	BS	Certified Construction Manager
Mike Kamaka, PE, CCM	Principal Construction Manager	HI	Civil	29	MS/BS	Certified Construction Manager
Michael Lum, PE	Project Manager	HI	Civil	37	BS	HDOT Certified Bituminous Unit
Dan Keeley, CCM	Construction Manager		N/A	26	BS	Certified Construction Manager
Donald "Tony" Jones, PE, PMP	Construction Manager	HI	Civil	30	ME/BS	PMP
Benn Torigoe, CCM, LEED AP	Construction Manager		N/A	31	BS	Certified Construction Manager, LEED AP
Jeff Martina, CCM	Construction Manager		N/A	17	BS	Certified Construction Manager
Brandon Bautista, CISEC	Project Engineer		N/A	12	BS	CISEC
Russel Kapuniai, FE, CCM	Project Engineer		N/A	17	BS	Certified Construction Manager
Marc Maloney, CCM	Project / Special Inspector		N/A	14	AS	HDOT Certified for Bituminous, and Soils and Aggregates Unit, ACI-Grade 1
Robertson "Phil" Goodman	Process Industrial Controls Specialist		N/A	51		
Jordan Vande Brake	Process Industrial Controls Specialist		N/A	16	AS	
Jeffrey Chuck, EIT, CCM, PSP, LEED AP	Project Controls / Scheduling		N/A	29	BS	Certified Construction Manager, AACE International Planning and Scheduling Professional
Derk Hunter	Project / Special Inspector		N/A	36	BS	HDOT Certified for Bituminous, and Soils and Aggregates Unit, ACI-Grade 1
Joanne Haia	Inspector		N/A	21		HDOT Certified for Bituminous, and Soils and Aggregates Unit
Cory Aukai	Inspector		N/A	7		
Huelo Lukeala	Inspector		N/A	16		HDOT Certified for Bituminous, and Soils and Aggregates Unit, ACI-Grade 1
COMMUNITY PLANNING						
Jared Chang, AICP	Planning Manager		N/A	20	BA	AICP
Ronald Sato, AICP	Senior Project Manager/ Senior Planner		N/A	35	MURP/BS	AICP

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KEY PERSONNEL PROFESSIONAL QUALIFICATIONS						
KEY PERSONNEL	PROJECT ROLE	ACTIVE PROFESSIONAL REGISTRATION		NO. OF YEARS EXPERIENCE	EDUCATION	OTHER CERTIFICATIONS / TRAINING
		STATE	DISCIPLINE			
Carah Kadota Ito, AICP	Planning Project Manager		N/A	9	BenvD	AICP
Malachi Krishok, AICP	Planning Project Manager		N/A	10	MURP / BA	AICP
Monica Daga	Senior Planner		N/A	9	BEnvD	
Ty Shiramizu, AICP	Planner		N/A	4	MURP / BA	AICP
Matthew Fernandez	Planner		N/A	5	BS / MS	
Noah Tabar	Planner		N/A	2	BUS	
Kaitlyn Nokosi	Technical Specialist		N/A	4	BS	
Amy Yamakawa	Graphic Designer		N/A	35	BS	
LANDSCAPE ARCHITECTURE						
Bradley Tanimura, PLA, ASLA, CLARB	Landscape Architecture Manager	HI	Landscape Architect	25	BLA	CLARB
Michael Garriss, PLA, ASLA, LEED AP, CLARB	Senior Landscape Architect / Project Manager	HI	Landscape Architect	38	BLA	LEED AP
Tomoko Naka, PLA, ASLA, ESCPC, CWPPP, LEED AP BD+C	Senior Landscape Architect	HI	Landscape Architect	21		ESCPC, CWPPP, LEED AP BD+C
Kelsey Wai, PLA, ASLA, CLARB	Landscape Architect	HI	Landscape Architect	7	BLA	CLARB
Lance Keliiaa, ASLA	Senior Landscape Designer		N/A	35	AS	
Christopher Billete, ASLA	Landscape Designer		N/A	24		
Britain Ogle, ASLA	Landscape Designer		N/A	6	MLA	U.S. DOT FAA Small Unmanned Aircraft System Remote Pilot

Hawaii County Resident

4. Names and phone numbers of up to 5 clients who may be contacted, including two for whom services were rendered during the preceding year.

REFERENCES	RECENT PROJECTS
Mr. Gayson Ching, Project Planning State of Hawaii Dept. of Land & Natural Resources Telephone No. (808) 587-0232 DLNR Property Acquisition Oahu Kaneohe, Oahu	State DLNR Public Lands Acquisition and Improvements for Kaneohe, HI (Ongoing)
Ms. Becky Choi, Administrator State Hawaii Public Housing Authority, Construction Management Branch 808-832-6020 HPHA 2025 Environmental Reviews Statewide	HPHA 2025 Environmental Reviews Statewide (Ongoing)
Mr. Ken Tatsuguchi, Engineering Program Manager State Dept. of Transportation, Highways; Planning Branch 808-587-1830 HDOT Environmental Guidelines Review Honolulu, Hawaii	State DOT Environmental Guideline and Training Program Honolulu, Hawaii (Ongoing)

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Ms. Nolly Yagin County of Maui, Department of Public Works 808-270-7437 Waiale Road Extension Project Waikapu, Maui, HI	County of Maui Waiale Road Extension Project Waikapu, Maui, Hawaii (Ongoing)
Mr. Ross Lum City and County of Honolulu, Board of Water Supply 808-748-5835 Granular Activated Carbon Reactivation Facility Kapolei, Oahu	City BWS Granular Activated Carbon Reactivation Facility Kapolei, Oahu, Hawaii (Ongoing)

5. Any promotional or descriptive literature which the individual or firm desires to submit.

Why B+K?

Bowers + Kubota Consulting, Inc. (B+K) is a 100% local, leading multi-discipline consulting firm providing Planning, Architectural/Engineering/Landscape Design, Program and Project Management, and Construction Management services for a variety of state, county, federal, and private clientele. B+K takes pride in being owner representatives that are forward-looking and have innovative experts and leaders to help our clients succeed through collaboration, careful cost management, and high levels of quality and value maintained on every project, large or small. With our decades of experience in delivering projects and by closely listening to our clients and stakeholders and understanding their needs, we deliver customized solutions in a flexible and responsive manner. We respect our people, our partners, and our planet. Our staff live and work in our community. Our work is rooted in the values of trust, accountability, and humility.



Advantages of Using B+K Services

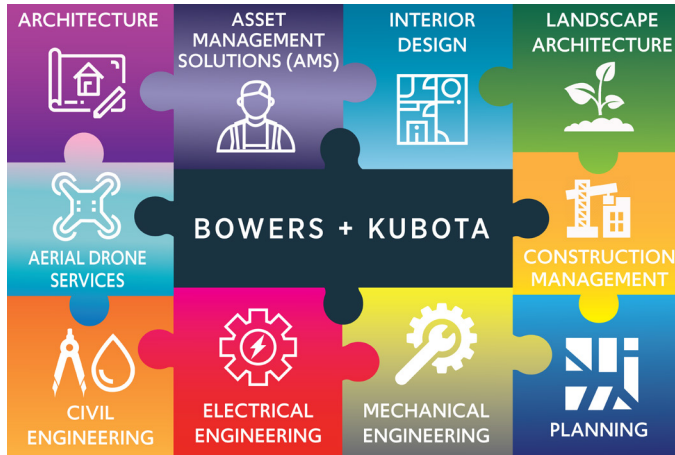
The Bowers + Kubota team offers the County of Hawaii (CoH) a complete spectrum of qualified staff who can provide professional expertise to deliver the full suite of project management, planning, funding, environmental, permitting, design, and construction management services needed to take a project from concept to construction. Our experience of providing cradle to grave services allows our project managers to have a comprehensive background in concerns, risks, and opportunities that typically arise in project delivery.

B+K is committed to our mission statement of **“Fulfilling Visions. Building Trust.”** and pride ourselves in building strong relationships with our clients. Through mutual respect and established trust, we instill confidence in our clients that we will deliver the best possible solution to their challenges. Our talented professionals understand the demands of the market and can tailor solutions to meet local, cultural, and environmental requirements.

The keys to a successful program or project include four principles that form the foundation of our approach to providing services for CoH:

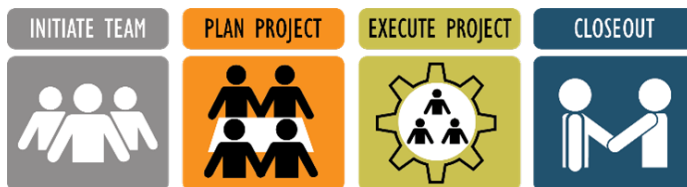
- **Cooperation** - The B+K Team will integrate with CoH to create an atmosphere of teamwork and leadership for successfully meeting the goals of the program. This **“TEAM - Together Everyone Achieves More”** approach and attitude will extend to the project managers and design team will make CoH and all the other project team members using open communication in a spirit of partnership and cooperation from start to finish.
- **Anticipation** - Our Team philosophy is to always look ahead - to identify potential program, project or design problems early and resolve them before they occur. We use our project management tools, such as Microsoft Project, to keep things on track, pinpoint opportunities to save time and money, and work aggressively to achieve CoH’s goals.
- **Communication** - Communication is the lifeblood of any program. We will keep CoH informed with detailed, reliable information to make the best decisions possible. We establish a system of communication and formal reporting that will ensure important facts and realistic choices are conveyed to the County in a clear and timely manner.
- **Representation** - We serve as an extension of CoH staff, managing the project. We assist CoH in building strong partnerships with other agencies and engineers, and Contractors involved in the project, working to represent, communicate, and promote CoH’s best interests at all times.

FIRM SERVICES



PROJECT MANAGEMENT

Successful projects are executed as a system, not as an ongoing series of tasks. B+K project managers use a workflow of four primary steps as part of our project management system.



Within our Project Management Workflow, some of our key tasks are:

Scheduling: B+K uses MS Project that provides updated information concerning scheduling, reporting, and control. Each project manager rigorously controls and monitors their schedule. The focus on scheduling events and performance provides team members with information detailing resource and time capacity, experience, workload allocation, cost trade-off relationships, and delivery of committed resources.

Quality Management: Through quality management, we actively implement ways to manage risk, deliver high-quality products, and improve financial success. All quality criteria will be framed in concrete, measurable terms: time, cost and product specifications, and performance levels. Quality control procedures are a discipline implemented by our project teams featuring reviews to determine if the proposed solutions will work and checking work products for accuracy and correctness.

Budget and Scope Tracking: The Deltek system, which is linked to the project work plan, generates all necessary financial and accounting reports for monitoring expenditures and controlling costs for individual scope elements and the overall project.

Communication: Our approach to managing interactions begins with the development of a clear communications plan. The project will start off with agreed-upon rules or protocols around which information can be exchanged and modified. With the Project Manager serving as the main communications point of contact, the plan ensures that the needs of all members of the team (including the client) are met.

Risk and Change Management: Managing risk and change is crucial to project success. Our approach seeks to engage City staff throughout the project to minimize the occurrence and effects of change. Our approach to manage risk is to address it from the start of the project. These approaches foster technology and knowledge transfer and builds ownership in the project and ultimate products.

PHYSICAL PLANNING

B+K is experienced in community plans, master plans site assessments and due diligence studies. Some of B+K's more significant community planning projects include the South Maui Community Plan Update, Kahawainui Stream Dredging, House Maui Regional Plans for Central Maui, South Maui, West Maui and the Complete Streets Planning and Preliminary Design projects. As a precursor to the South Maui Community Plan Update, B+K has put together three resource papers that cover the topics of Sea-Level Rise and Climate Change, Housing, Population Growth, and Mobility. Preparation of permit applications for the Kahawainui Stream Dredging project was completed with environmental review documents currently being prepared. The Complete Streets Planning and Preliminary Design project was recently completed and applies a context-sensitive solutions process, engaging stakeholders via outreach efforts, including community leader contact, social media outreach, bike tours, pop-up and sit-down sessions, distribution of project-specific collateral materials, and broadcast media coverage.

B+K is currently working with the Office of Recovery to implement the Lahaina Long-Term Recovery Plan in a mindful and sustainable manner. Due to the devastating wildfires on August 8, 2023 and existing staff shortages, B+K has been assisting with a variety of tasks, including



Front Street in Lahaina Town

but not limited to project management, planning studies, and development services to assist with the redevelopment within the fire impacted areas. One task is the development of the Rebuild Lahaina Plan, which hopes to recreate places and experiences lost and to do so in a way that responds to current and future threats and honors the history and cultural significance of Lahaina. The Plan will examine the connectivity and mobility of Lahaina Town and create updated Urban Design Guidelines that is consistent with the Historic Districts

B+K architecture group provides building design solutions based on the client needs through active listening and innovative design approach. Our architects and interior designers can tackle any building design projects, ranging from new construction to renovations and repair and maintenance (R&M). Having worked on many projects for the public sector clients, our architecture group understands the procurement processes and permitting requirements, including exemptions, that allow us to better strategize on project delivery based on realistic schedule and bid control to meet the client's goal.

H. ADDITIONAL INFORMATION

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Our project types with the DOE includes new construction utilizing modular construction, renovation of existing facilities to meet new program requirements, and various R&M projects to extend



the life of the existing asset. We normally start these projects with a condition assessment, due diligence, code analysis, and/or programming based on the client goals. Once the scope is identified and agreed upon, we proceed to conceptual design to illustrate our intent for the client review and confirmation. The design intent will be documented via plans and specs through the client required milestones. These documents will be finalized and prepared for permitting and bidding purposes.

Our expertise in local codes and regulations allow us to advise clients on required permits and any exemptions allowed to streamline the permitting process. We support the client leading up to and during the procurement processes with delivering the project for bidding in timely manner as well as being responsive to any bidder Request for Information.

Environmental Planning

B+K's planning group has extensive experience in Federal and State environmental review and permitting processes including preparation of State of Hawaii, Chapter 343 and National Environmental Policy Act environmental assessments (EAs) and environmental impact statements (EISs), agency consultation, discretionary land use permits (SMA, Conservation District, Zoning and Special Use) and public involvement programs. Our planners develop practical and flexible approaches personalized to each client and project. B+K understands the importance of developing these documents with the end in mind, meaning that they must be useful to designers, contractors, and ultimately the facility owners and operators. Our planners maintain close working relationships with federal, state and county resource agencies that implement the requirements of Hawai'i Revised Statutes and local zoning codes.

Demonstrated capability includes:

- State Hawai'i Public Housing Authority's 2025 Environmental Reviews for housing projects statewide to obtain Categorical Exclusion approval for repair and rehabilitation improvements under the federal NEPA process
- Federal and State Environmental Assessment and Impact Statements (HDOT Harbors Pier 40 Improvements EIS, Kealahou State Park Master Plan and EIS)
- State and County Discretionary Permitting (Kealahou Master Plan Shoreline Permits, Ke Ala Pūpūkea Path Improvements)
- Federal Consultations for Section 106 Historic Preservation, Section 4 (f), Section 7 Endangered Species Act, Section 404, Section 6 (f), HRS 6E, HRS 343 and Act 50 (Wai'ale Road Improvements)

- Public Engagement Plans and Facilitation (Maui MPO Public Participation Plan, House Maui Regional Housing Plans)
- Tools for managing and visualizing information using Geographic Information Systems and Graphic Design (Vulnerable Roadway Users Safety Assessment, Kaunaula Highway Feasibility Assessment)

Our planners live and work in Hawaii, know how to meet the local communities needs for public information and involvement, and regularly deliver successful outcomes for our clients.

Housing

B+K is experienced and knowledgeable of Hawai'i's housing conditions having recently completed an affordable and workforce housing plan for Central, South, and West Maui. Our staff has managed and completed Environmental Reviews (ER) meeting HUD requirements for the State Hawai'i Public Housing Authority (HPHA) for their 70+ housing projects statewide as part of 5-year updates in 2010, 2015, and 2020. Based upon this expertise, B+K has recently been selected by HPHA to conduct new Environmental Reviews for their Maui David Malo and Pi'ilani Homes housing projects. We know how to complete HUD's Statutory Worksheets and Source Document Statutory Worksheets along with using their Environmental Review Online System (HEROS) website.



B+K's civil engineers have years of experience designing affordable and workforce housing developments. We understand the needs of developers to balance affordable housing requirements and revenue. We also understand the needs of communities to provide quality housing to all members of our society regardless of their particular economic situation. To achieve this balance, we work with the developer to meet the requirements of their 201H application or similar county program while maximizing the number of units for each income tier. Grading and parking costs are typically large portions of a development budget. We optimize the grading in Civil3D to reduce earthwork costs. Optimal parking needs are achieved by thorough and creative layout analysis.

The devastating Maui Wildfire event further exacerbated the shortage of affordable housing which was already under emergency proclamation before the fire. B+K's planning, civil, architecture and electrical division provided extensive research and design services to bring a housing solution that is cost effective and could be quickly implemented to provide relief for displaced families. The solution we proposed was not only an interim solution but we felt it important to propose a long-term solution with volumetric modular units that meets County Code and possesses the durability, livability and quality that any homeowner would expect.

Emergency Management Planning

Our staff are also uniquely experienced in working with Maui County, state, and federal agencies as part of the Lahaina wildfire disaster restoration planning and programming activities and understand the urgency in addressing housing. B+K is working as a subconsultant to TetraTech to support the Office of Recovery with broad disaster recovery service after the devastating fires in

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August 2023. The services assist and guide the County by offering comprehensive solutions, strategic planning and coordination, and opportunities to emerge stronger and more resilient.

B+K assisted the Infrastructure Recovery Support Function (RSF) team in developing, strategizing, and expediting infrastructure projects to support the repopulation of residents in the areas impacted by the wildfires. This includes the development of a recovery roadmap showing critical milestones for infrastructure, temporary and permanent housing, and future resiliency projects to be used by County along with federal and local partners for coordination, collaboration, and situational awareness.

B+K also has a contract with the County of Maui, Office of Recovery, providing general architectural, engineering, and planning support to assist in the implementation of the Lahaina Long-Term Recovery Plan. The work includes funding strategies, program management, scoping, planning, and design services.

Climate Change, Sustainability and Resilience

Addressing climate change is now a critical aspect of our everyday work. B+K takes proactive steps to manage risk and strengthen all infrastructure resilience, while considering long-term changing climatic conditions and natural and human-made hazards that could impact state highway infrastructure and operations. In West Kauai we teamed with Sea Engineering on the HDOT Kaunualii Highway Feasibility Study on Kauai to explore shoreline solutions by conducting a king tide flood frequency analysis and sea level rise and wave inundation modeling. Proposed solutions are based on multiple scenarios, immediate need, mid-term, and long-term. In our sea level rise study with Hilton Hawaiian Village, we evaluated the impacts of sea level rise on the hotel property's utilities, roads, and access and developed mitigation strategies with opinions of probable construction costs. In our resiliency study for Maalaea Village, we addressed the impacts to road and utilities infrastructure and established a resiliency decision framework for the mauka relocation of buildings and associated infrastructure. The B+K team has been incorporating climate change and sea level rise mitigation and adaptation solutions for many years.

Conservation Management Planning

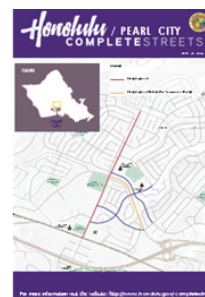
Our Planners have been responsible for project management, master planning, and completing a State Final EIS that withstood a legal challenge for Kawainui Marsh on O'ahu for the State DLNR, DOFAW. This complex is ecologically significant for endangered waterbirds, flood control, and for the native Hawaiian community for its cultural resources. The master plan supported wetland restoration, habitat enhancement and reforestation; areas to facilitate native Hawaiian cultural practices; and increased public access and educational programs. B+K was recently selected by DLNR to complete a Forest Conservation Plan



for Palamanui Community College in Kailua-Kona, Hawaii. This project will involve planning for the establishment and development of a community forest at Palamanui, inclusive of an environmental assessment, developing resource maps, identifying opportunities and constraints, determining improvements, community consultation and other relevant planning for educational partnerships with relevant stakeholders.

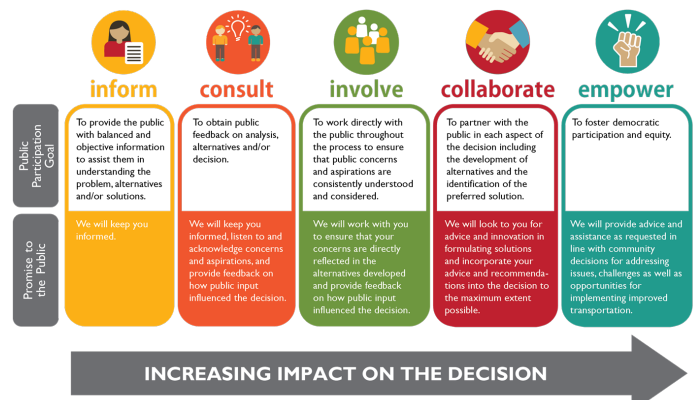
Graphic Design

We have in-house graphic design capabilities to support all design needs. We strive to combine function and technology to communicate ideas through images and the layout of plans, project logos, websites and printed pages. We work with both text and images, using a variety of design elements to achieve artistic or decorative effects. Below are some recent examples:



Community Engagement

B+K uses a variety of virtual tools to actively engage stakeholders virtually. Holding meetings via videoconferencing platforms such as Microsoft Teams or Zoom or social media platforms such as Facebook Live are used on a case-by-case basis. With the update of the Maui MPO's Public Participation Plan, the public survey reflected that the public prefers to provide feedback via online surveys and through virtual meetings. B+K collects and analyzes public input through a variety of virtual platforms, such as Survey Monkey, MeetingSift, MailChimp, Miro, Poll, or a project website, determining the appropriate platform on a case-by-case basis. **On our current Hawaii Statewide Transportation Plan project (subconsultant to Jacobs, Inc.), B+K received over 600+ responses to our public survey.**



CIVIL AND ENVIRONMENTAL ENGINEERING

B+K provides a full suite of civil and environmental engineering services covering all aspects of site development. We group these

H. ADDITIONAL INFORMATION

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

services into four main business lines:

- General Site Design
- Roadways and Highways
- Wet and Dry Utilities
- Specialty Services

B+K's civil and environmental engineering department works for multiple county, state, and federal agencies and for a vast array of private clients in the hospitality, healthcare, affordable housing, and renewable energy sectors. We also work and have worked outside Hawaii in locales such as Japan, Korea, Guam, Singapore, Diego Garcia, Palau, American Samoa, Guam, and Commonwealth of Northern Marianas Islands. We leverage this breadth and depth of in-house expertise to tackle routine and extremely challenging projects with creative and innovative solutions. We will bring this same creativity, innovation, and technical expertise to your projects.

General Site Design

Civil and engineering is a very broad field. B+K rarely shies away from difficult or challenging projects. Our strength is the diversity of our experience and the diversity of our staff to tailor solutions to our clients' needs. Under our general site design services, we typically help our clients through the pre-planning and planning process to develop a site through detailed design, permits and regulatory approvals, public involvement and outreach, and contract administration. Earthwork is typically one of the largest costs for site development. We use Civil3D by Autodesk to optimize the layout and grading of a site to minimize our client's costs. For public agencies, this optimization results in reducing the financial burden on our already struggling communities. For our private clients, this effort means increased profit. Under this services sector, we offer:

- Due diligence studies
- Property condition assessments
- Mass grading and fine grading design
- Earthwork analysis
- Site layout design
- Erosion and sediment control best management practices
- Demolition design
- Infrastructure master planning
- Infrastructure condition assessments
- Parking lot design
- ADA barrier removal and ADAAG-compliant design
- Permits and regulatory approvals, including NPDES permits, drain connection licenses, wastewater connection permits, and water connection approvals

Road and Highway Design

B+K routinely provides roadway design as part of our full range of engineering design services for infrastructure and facility projects. These services include design of major and local roadways, design of multimodal facilities, traffic calming, pavement design, and drainage facilities. Our experienced professionals are especially adept at developing layout solutions that minimize environmental impact, reduce required earthwork, take advantage of natural terrain features, adapt sites to natural drainage patterns, adhere

to accessibility requirements, and provide safe and efficient facilities. Our road and highway design services include:

- Vulnerability road user assessments
- Utility capacity and pavement condition assessments
- Complete streets
- Green streets
- Traffic calming devices and methods
- Resurfacing and repaving (asphalt and concrete pavement) design, including mill and fill pavement projects
- Intersections
- One- and two-lane roundabouts
- Bicycle lanes and paths
- County, State Highways, and federal road design
- Entrance control facilities for US Department of Defense installations
- Compliance with Federal Highways Administration requirements
- Grant funding opportunities

Utilities Design

The One Water concept motivates and inspires our B+K civil and environmental engineering practice. All forms of water are a resource for our communities: drinking water, wastewater, stormwater, irrigation water, groundwater, surface water, brackish water, seawater, reclaimed water, and reuse water. Our utilities designers understand the precious nature of water and routinely implement sustainable practices to ensure that a project protects and uses water responsibly. Within our civil and environmental engineering practice, we have a core team of water experts with a diverse range of experience to address any project's water needs, including water distribution and treatment, wastewater collection and treatment, wastewater reclamation, stormwater management and treatment, and drainage design. We offer the following expertise:

- Infrastructure capacity studies
- Water mains, laterals, and site fire protection
- Water storage facilities
- Water catchment systems
- Water wells
- New drinking water source reports
- Agriculture irrigation systems and storage
- Gravity sewer mains, laterals, and manholes
- Low-pressure sewer systems
- Wastewater force mains
- Pump stations
- Granular activated carbon treatment systems
- Desalination systems
- Pretreatment and primary and secondary wastewater treatment
- Wastewater reclamation and reuse
- Biosolids handling management and treatment
- Septage receiving facilities
- Process design, instrumentation, and controls
- Wastewater treatment system optimization studies
- Operation and maintenance manuals
- Training of water and wastewater operators
- Individual wastewater systems, including enhanced IWS

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- Packaged wastewater treatment systems
- Skid-mounted systems for water and wastewater applications
- Water treatment pilot studies
- Water system hydraulic modelling using WaterGEMS and WaterCAD
- In situ condition assessments of water and wastewater infrastructure
- Drainage analyses and reports
- Drainage lines, manholes, and grated drain inlets
- Flood studies
- Hydrologic and hydraulic modelling using one-dimensional and two-dimensional software models for steady and unsteady flows
- Detention and retention basins
- Low impact development best management practices
- Green stormwater infrastructure
- Stormwater harvesting and reuse
- Stormwater Management Program Plans
- Storm Water Quality Strategic Plans
- Stormwater Quality Reports
- Public outreach and training for stormwater management
- Stormwater retrofit best management practices
- Compliance with the City and County of Honolulu's Rules Relating to Water Quality (RRWR)

One aspect of our civil and environmental engineering practice that sets us apart from other firms is the high number of personnel that obtain third-party certifications. We have six engineers that are certified professionals in erosion and sediment control; two of whom are also certified professionals in stormwater quality. These additional certifications demonstrate our staff's unique value-added expertise in erosion and sediment control and stormwater quality. In addition, each of our licensed civil engineers is a Certified Water Pollution Plan Preparer (CWPPP) and a Certified Erosion and Sediment Control Plan Preparer (CESCPP). All our non-licensed civil engineers are Erosion and Sediment Control Plan Coordinators (ESCPCs), and some of our licensed civil engineers are also ESCPCs. We are committed to being experts in erosion and sediment control and stormwater quality, management, and treatment.

Specialty Services

Another aspect of our civil and environmental engineering practice that sets us apart from other firms is our specialty services that few local civil engineering firms offer. These services include sanitary surveys, affordable housing, resilient design, dredging, and environmental risk management.

Sanitary surveys review the sources, treatment systems, distribution systems, finished water storage, pump stations, monitoring and reporting, management and operation, and operator certification compliance of public water systems to determine their ability to deliver safe drinking water to customers. This review is comprehensive and results in a report that identifies deficiencies in the operation, management, and physical assets of the water system that threaten public health. B+K has one of the few certified sanitary surveyors in Hawaii with practical field experience. In addition, our sanitary surveyor

has evaluated hundreds of sources, wells, storage tanks, pump stations, treatments systems, and backflow prevention devices on Oahu, Kauai, Maui, and Hawaii Island and in Singapore, Diego Garcia, South Korea, and Japan. *We leverage our expertise in sanitary surveys into the design of water systems to minimize the potential for contamination, improve upon constructability, and address ease of operation and maintenance.*

Affordable Housing: B+K's civil engineers have years of experience designing affordable and workforce housing developments. We understand the needs of developers to balance affordable housing requirements and revenue. We also understand the needs of communities to provide quality housing to all members of our society regardless of their economic situation. To achieve this balance, we work with the developer to meet the requirements of their 201H application or similar county program while maximizing the number of units for each income tier. Grading and parking costs are typically large portions of a development budget. We optimize the grading in Civil3D to reduce earthwork costs. Optimal parking needs are achieved by thorough and creative layout analysis.

Dredging: Our firm has a long history of dredging design. From the Ala Wai Canal Maintenance Dredging project and Hilton Hawaiian Village Lagoon Maintenance Dredging in the early to mid-2000s to the upcoming Kahawainui Stream Maintenance Dredging for the City and the recent new Kapalama Container Terminal Wharf and Dredging, we understand the complex biological, environmental, regulatory, and disposal issues surrounding maintenance and capital dredging. Because we are a multidisciplinary firm with both planning, permitting, and engineering in-house, we can address these challenging issues directly and navigate the complex legal and regulatory hurdles to minimize risk to our clients.

Permit Expertise and Environmental Risk Management: Many projects require a complex set of environmental permits and approvals, such as U.S. Army Corps of Engineers (USACE) Section 10, 404, and 408 permits; State Department of Health Section 401 Water Quality Certifications (WQC); National Pollutant Discharge Elimination System (NPDES) permits; County Special Management Area (SMA) permits; and State Historic Preservation Division (SHPD) Hawaii Revised Statutes (HRS) Chapter 6E concurrence. B+K has the breadth and depth of experience to navigate complex regulatory processes and successfully obtain the required permits and approvals. Because our firm has completed multiple projects in each county over 40 years in business, we are familiar with the nuanced differences in the regulatory requirements throughout the state. This familiarity allows us to negotiate permit conditions that limit our client's risks and obligations to the maximum extent practicable.

Our approach to ERM employs the following process: avoid, minimize, and then mitigate. The first step to our process is to avoid environmental impacts (water quality, biological, noise, traffic, etc.) to the maximum extent practicable. Designs will be developed that avoid environmental impacts while still meeting the purpose, need, and schedule of the project. Scheduling construction outside of key breeding seasons for avian and aquatic species is one method to avoid environmental impacts.

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By avoiding environmental impacts, the permit process can be streamlined.

The next step in our ERM process is to minimize unavoidable impacts and reduce any permanent losses to the environment. Minimization measures could include reducing the design footprint to the minimum required, incorporation of temporary construction and permanent post-construction BMPs like silt curtains or embankment stabilization, permanent or temporary relocation of biological resources like artificial nest burrows for protected avian species, and inclusion of biological monitoring during construction.

For any resource loss that cannot be avoided or minimized, the final step of our ERM process is mitigation. One important aspect of any proposed mitigation is to limit our client's financial commitment. To achieve this objective, we will endeavor to avoid compensatory mitigation requirements for the project. Compensatory mitigation is a specific requirement for USACE permits under 33 Code of Federal Regulations (CFR) 332 and requires adaptive management, long-term management, performance criteria, monitoring, and financial assurances. Because of our familiarity with key environmental regulations and our experience, we develop and implement strategies and tactics to successfully argue against compensatory mitigation under 33CFR332 and instead propose mitigation under different regulations that do not have such stringent requirements. An example of our expertise is the **New Kapālama Container Terminal (KCT) Wharf and Dredging project**, where we avoided compensatory mitigation as a permit condition. Offsets to unavoidable losses of biological resources under the KCT project were addressed under the Magnuson-Stevens Fishery and Conservation Management Act.

ARCHITECTURE

The B+K architecture group provides building design solutions based on client needs through active listening and innovative design approaches. Our architects and interior designers tackle any building design projects, ranging from new construction to renovations and repair and maintenance (R&M). Having worked on many projects for public sector clients, our architecture group understands the procurement processes and permitting requirements, including exemptions, that allow us to better strategize on project delivery based on realistic schedules and bid controls to meet the client's goals.

The breadth and depth of the architecture team's experience and knowledge allow us to tailor our services to provide solutions to meet the client's challenges. For example, we provide the architecture design services under a single contract with the State Department of Education (DOE). The DOE initiated their **Facility Asset Management program**, whereby prequalified designers, project coordinators, and contractors provide services to address the needs of the DOE. In addition, the B+K architecture group provides design services under the Statewide Architectural Design Services contract. We excel in managing a long list of projects statewide, helping the DOE prioritize projects, and creating a team and project delivery that produce designs in sync with the construction funding and specific school schedule.

The project types with the DOE contract include new construction utilizing modular construction, renovation of existing facilities to

meet new program requirements, and various R&M projects to extend the life of existing assets. We normally start these projects with a condition assessment, due diligence study, code analysis, and/or programming based on the client's goals. Once the scope is identified and agreed upon, we proceed to conceptual design to illustrate our intent for client review and confirmation. The design intent is documented in plans and specifications through client-required milestones. These contract documents are finalized and prepared for permitting and bidding.

Our expertise in local codes, ordinances, and regulations allow us to advise the DOE on required permits and any exemptions to streamline permitting. We support the client leading up to and during procurement with delivering the project for bidding in timely manner as well as responding quickly to any bidder's request for information.

The example above exemplifies the level of architectural design service we promote and provide consistently to our clients. We are not limited to certain aspects of the project delivery. Our architecture group provides a wide range of services at any stage of the project life. Having a team with design acumen, technical expertise, and comprehensive understanding of project delivery makes us a partner to our client.

Our architecture group brings innovations from major national conferences, such as World of Modular, American Correctional Association, and American Society of Healthcare Engineers. By investing in our people, we continue to educate ourselves with the latest trends and concepts that may be applicable to Hawaii. For example, presentations at recent conferences inspired us to help the DOE reinvent their classroom replacement program by utilizing modular construction for more rapid, yet controlled, deployment.

MECHANICAL ENGINEERING

The B+K mechanical group, was formerly known as Katayama & Associates, Inc, before merging with B+K, in January 2025. We have been providing quality mechanical designs in Hawaii for over 26 years with projects ranging from mechanical assessments to renovations to new buildings which include services such as air conditioning, ventilation, plumbing, fire protection, HVAC building commissioning and energy management and control systems. We've worked with all sectors of the construction industry, including commercial, City, County and State clients. Our group utilizes the "team concept" style of managing projects while committed to the Client's functional, budget and schedule concerns.

A major portion of our past projects have focused upon the renovation or rehabilitation of existing buildings where we have always done extensive site investigations to determine problems and solutions based upon conditions viewed at the site. Some of our notable projects include the State Capitol Building, Capitol Pools, Replacement of the Chillers at the University of Hawaii Stan Sheriff Center and the University of Hawaii, Waterhouse Strength and Conditioning Center.

We are also very versed in new building construction and are very familiar with the steps and processes that are necessary to have a complete and successful building design. Some of our notable

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new building construction projects include the County of Hawaii – Emergency Call Center, the Kauai Judiciary Complex and the University of Hawaii – Hamilton Library, Phase III.

We are dedicated to every client and we tackle each project with unwavering commitment and are always striving to learn and enhance our quality of work. This ensures that we deliver the best suited designs for our clients.

ELECTRICAL ENGINEERING

The B+K electrical group, formerly known as Ho & Okita and H&O-III, before merging with B+K, has been providing quality electrical designs in Hawaii for over 30 years. With projects ranging from renovations to new buildings and including services such as site distribution, electrical, lighting, fire alarm, security, and telecom infrastructure work, we've worked with all sectors of the construction industry, including commercial, city, county, state, and federal clients. Our longevity is based on our work ethic. All projects are approached with three goals: providing a design that can be built, that is on time, and that is on budget.

This work ethic can be seen in our ongoing project with the State Department of Education (DOE) to design fire alarm systems for various school campuses. Our services include assessing and setting the priority of projects, setting the standards for all DOE fire alarm projects, designing the bulk of all yearly fire alarm projects, and reviewing the designs from other engineering offices.

Our designs are based on extensive site investigations. All site conditions are examined to produce a design that can be built with minimal to no field adjustments required. The design process involves heavy project scheduling and coordination to meet all deadlines. Throughout the design process, the cost is evaluated with revisions being made to keep the project within budget.

The result of our work ethic is being able to produce more completed fire alarm system designs for the DOE than all other consultants combined. Because of our attention to detail, knowledge of local and national code requirements, and ability to solve all encountered problems, the DOE turns to our office for advice on all fire alarm related issues.

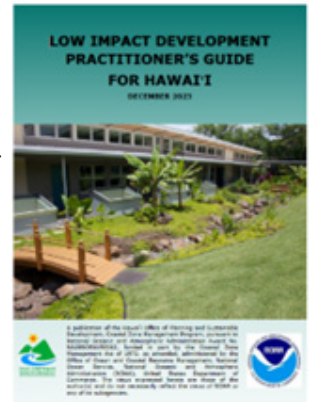
The example above illustrates the level of commitment our electrical group provides to our clients. We approach each project with the same level of commitment. We are continually learning and improving our quality of work so that we can provide our clients with the highest quality designs and technical support.

LANDSCAPE ARCHITECTURE

The B+K landscape architecture studio specializes in hardscape, planting, irrigation and water management, site lighting, low-impact and sustainable design, project theming, site planning, landscape management and restoration, comprehensively improving the human experience of built and natural environments. Our studio group has been providing landscape architecture design services for over 30 years, locally, statewide, and internationally for private and public clients. Our project experience and expertise include campus and universities, parks, resort hotels, hospitals, residential communities, and US Department of Defense installations. In 2023, B+K completed an update of the State's Low Impact Development Practitioner's

Guide for the Office of Planning and Sustainable Development.

Born out of hospitality design, our team brings an "experience-oriented design" philosophy to every project, ensuring that aesthetics, functionality, and sustainability are priorities. Our diverse team of physical planners and landscape architects bring a sensitivity to merging architecture and site engineering. Cultural sensitivity, design, and authentic indigenous sense of place are also key components of our design practice. We focus on doing the right thing and making sure that the design is appropriate and vetted.



We have fostered relationships with plant nurseries on each island to ensure availability of planting palettes for our designs. We also regularly attend training and workshops and meet with equipment manufacturers and distributors to keep abreast of current design trends and best practices, maintaining relationships with local and national suppliers.

Our current capabilities include:

- Landscape master planning
- Landscape material surveys
- Planting design (native, cultural, and adaptive)
- Irrigation master planning and design
- Irrigation system audits
- Playground design
- Landscape lighting design
- Hardscape design
- Low-voltage lighting design
- Pool and water feature design

CONSTRUCTION MANAGEMENT

Because of B+K's extensive experience as a Construction Manager on civil related construction projects, we bring experience and knowledge to construction projects at existing and new facilities. These projects require significant coordination and frequent communication and collaboration with the City, facility users, and community to ensure that impact to operations and the surrounding environment are minimized as much as possible. For example, the ongoing construction work for the **Salt Lake Boulevard Widening, Phase 3 project** for the City and County of Honolulu, Department of Transportation Services (DTS) includes removal of trees, demolition of existing pavement, driveways, and other homeowner encroachments located within the City right-of-way, grading and paving work, striping installation, utility relocations and installations, the construction of retaining (soil nail and concrete) walls, shotcrete lining for erosion protection and drainage swales, and concrete work for the installation of concrete curbs, gutters, sidewalks, curb ramps, and bulb-outs. This project requires extensive communication and collaboration with various agencies including the City DTS and adjacent property owners. In addition, construction management services were provided for the City's Department of Facility Maintenance **Ala Wai Golf**

Course Driving Range Improvements project which included mass grading of the entire driving range, a new concrete cart path, new pre-wash station with fencing, and a new irrigation system. During excavation operations, archaeological findings (iwi) were discovered. However, through close coordination with the archaeologist and local agencies, B+K was able to work around the findings to mitigate any delays to the project.

INNOVATIVE AND ALTERNATIVE METHODS AND PROJECT APPROACH

Through our experience providing consulting services to CoH, B+K has developed an understanding of CoH's needs and how we can support those needs as an extension of your staff. The B+K team offers a breadth and depth of diverse resources to support CoH project managers and can mobilize staff and resources as needed to efficiently and effectively deliver your projects.

We have local presence combined with offices throughout Oahu. We can dedicate staff as needed, when they are needed. Our Add Multiple locations ensure that we can meet face-to-face with City staff as often as necessary. In addition, our staff has good working relationships with other agencies that can assist in research, coordination, or permitting that may be needed.

Our general approach to any project and the points at which innovative, alternative, and unique methods will be considered are described and identified in this section. After CoH contacts the B+K principal in charge, the project requirements, scope of services, schedule, and budget will be reviewed; and the composition of the specific B+K project manager and project team will be identified. The project manager will then coordinate the team and subconsultant staff. We propose to organize our project team based on the key team members' individual regulatory and technical experience. Innovative, alternative, and unique methods will be considered with a focus on technical feasibility, cost-effectiveness, permit requirements, constructability, life-cycle costs, and long-term maintenance.

Survey Methods: Our project team has extensive experience with ground-based light detection and ranging (LiDAR) and drone survey methods. Ground-based LiDAR systems generate a detailed data point cloud that captures much more accurate and higher resolution topographic data compared to conventional surveying methods. Depending on field conditions, ground-based LiDAR allows field personnel to obtain data for areas that may not be easily accessible. For example, collecting data without lane closures in travel ways. We also work with firms that have the capability to use remotely operated vehicles, single-beam and multibeam sonar systems, side-scan sonar, and centimeter-level differential and real-time kinematic global positioning system (GPS) devices to conduct surveys. The most appropriate survey methods that provide the best value to and quality data for CoH will be selected. *On the Route 11 Corridor Study, drone survey methods were used to establish a suitable base and save thousands in ground survey costs.*

Field Investigation Methods: Our project team has extensive experience with employing iPads, GPS devices, remotely controlled drones, and other mobile devices to collect accurate site

data safely and economically. Our archaeological subconsultants typically equip their archaeologists with tablets that allow photographs, sketches, and field forms to be recorded digitally and transmitted immediately back to the office for incorporation into reports. Our biological subconsultants use Trimble GNSS receivers to record walking surveys and points of interest during biological surveys. B+K has drones and pilots that can capture aerial imagery of a site to supplement data collected by field personnel, especially in areas that are difficult to access. *Our firm has iPhones, iPads, and Microsoft Surface tablets to assist with field data collection.*

Subsurface Utility Engineering (SUE): Accurately identifying existing subsurface utilities and foundations is a critical part of the preliminary design of a project. Proper application of SUE early in the design process can avoid costly change orders during construction.

Four quality levels of SUE are recognized by the Federal Highway Administration: Level D (lowest) to Level A (highest). The different levels are related to the level of risk, accuracy, and reliability of the information obtained. Lower quality levels tend to have higher risk, are less accurate, and less reliable than higher levels.

Level D involves reviewing existing as-built and record drawings and interviews with persons knowledgeable of the project area. However, these records and testimonies typically lack critical data. We use Level D methods for project planning.

Level C involves the use of topographic, bathymetric, and aerial surveys to identify visible features, such as manholes, drain inlets, valve boxes, ditches, channels, and piping, to obtain detailed information. The collected data are compared to as-built or record drawings, and maps are updated to match the most recent data. We often find previously unrecorded utilities or updated elevation data via Level C SUE methods. For a relatively small additional cost, toning of underground utilities can be incorporated into the survey to provide additional assurance of the location of the utilities.

Level B involves the use of surface geophysical methods to determine the depth and location of utilities. These methods are noninvasive and can cover a large area quickly and cost-effectively. Chapter 4 of the Manual on Subsurface Investigations published by the National Cooperative Highway Research Program (NCHRP) of the Transportation Research Board (TRB) lists several types of surface geophysical methods, including seismic, electrical, electromagnetic, and potential field methods. Ground-penetrating radar (GPR) is a reliable surface geophysical method that we have used often on projects to obtain data on underground utilities and avoid costly conflicts between existing utilities and new piping, manholes, drain inlets, and foundations.

Level A involves physically locating underground utilities nondestructively via potholing and excavation. This highest SUE level allows the designer to identify the type, condition, material, size, location, and elevation of subsurface utilities.

The most basic SUE quality levels (D and C) will be employed on each project. Higher SUE quality levels (B and A) will be

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used as appropriate on a case-by-case basis for each project. Our firm has experience with GPR, toning, and excavation to identify underground utilities on previous projects. *We have completed wastewater line and water line condition assessments where we employed GPR, toning, and excavation to identify the location, depth, and condition of utilities.*

PAST PERFORMANCE

B+K is extremely proud of our current and past accomplishments and commitment to excellence in providing quality services to the County of Hawaii. We have a proven track record of adapting to our client's needs and performing successfully on projects. B+K will remain committed to providing **QUALITY** and **BEST VALUE** services for the County of Hawaii. Our successful professional service performance has resulted in the following:

- Our **Commitment to Excellence** resulted in B+K being awarded numerous quality awards for professional services.
- Ranked in ENR Magazine's 2024 **Top 50 Construction Management Firms, #36 Nationally.**
- Ranked in Architectural Record Magazine's **Top 300 U.S. Architecture Firms of 2023, #283 Nationally.**
- Awarded in 2008 – 2025 as one of Hawaii's "**Best Places to Work.**" (#1 Best Place to Work in 2009, 2011 – 2013, 2015, 2022-2025)
- 2010 – 2024 Zweig Group's **Best Firm to Work For** (1st Place National Award in 2011 – 2015, 2018 - 2021)
- Received Satisfied/Superior rating on 100% of all client evaluations over the past 23 years (available upon request).

One of the best measurements of B+K's performance is the owner's satisfaction. Please refer to **Appendix A: Awards and Client Evaluations** for a list of our awards and a sample of our evaluations and comments.

I. AUTHORIZED REPRESENTATIVE THE FOREGOING IS A STATEMENT OF FACTS.

31. SIGNATURE



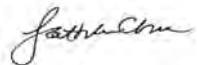
32. DATE

June 30, 2025

33. NAME AND TITLE

Kathleen Chu, PE Principal-in-Charge

ARCHITECT-ENGINEER QUALIFICATIONS			1. SOLICITATION NUMBER (If any) RD.2) Community Planning (Grant Writer)	
PART II – GENERAL QUALIFICATIONS (If a firm has branch offices, complete for each specific branch office seeking work.)				
2a. FIRM (OR BRANCH OFFICE) NAME Bowers + Kubota Consulting, Inc.			3. YEAR ESTABLISHED 2008	4. DUNS NUMBER 03-929-9763
2b. STREET 94-408 Akoki Street, Suite 201-A			5. OWNERSHIP a. TYPE Corporation	
2c. CITY Waipahu	2d. STATE HI	2e. ZIP CODE 96797	b. SMALL BUSINESS STATUS	
6a. POINT OF CONTACT NAME AND TITLE Kathleen Chu, PE Vice President/Principal-in-Charge			7. NAME OF FIRM (IF BLOCK 2A IS A BRANCH OFFICE)	
6b. TELEPHONE NUMBER 808 836-7787		6c. E-MAIL ADDRESS kchu@bowersandkubota.com		
8a. FORMER FIRM NAME(S) (IF ANY) KFC Airport, Inc.			8b. YR. ESTABLISHED 1980	8c. DUNS NUMBER 03-929-9763

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
02	Administrative	37		A05	Airports; Nav aids; Airport Lighting; Aircraft Fueling	5
06	Architects	21		A06	Airports; Terminals & Hangars; Freight Handling	6
08	CADD Technician	8		C10	Commercial Building (low rise); Shopping Centers	4
12	Civil Engineers	23		C15	Construction Management	8
15	Construction Inspector	66		E02	Educational Facilities; Classrooms	4
16	Construction Managers	40		E03	Electrical Studies and Design	4
18	Cost Engineer/Estimator	2		E09	Environmental Impact Studies;...	5
21	Electrical Engineers	5		E11	Environmental Planning	4
23	Environmental Engineer	5		H07	Highways; Streets; Airfield Paving; Parking Lots	6
37	Interior Designer	1		H09	Hospitals & Medical Facilities	6
39	Landscape Architect	7		H11	Housing (Residential, Multi-Family; Apartments; Condominiums)	1
47	Planner	5		L03	Landscape Architecture	4
48	Project Managers	23		P05	Planning (Community; Regional;...)	5
50	Risk Assessor	3		P06	Planning (Site, Installation and Project)	1
52	Sanitary Engineer	1		R06	Rehabilitation (Buildings; Structures; Facilities)	3
53	Schedulers	2		S04	Sewage Collection, Treatment & Disposal	4
58	Technician/Analyst	7		S07	Solid Wastes; Incineration; Landfill	4
				S13	Storm Water Handling & Facilities	4
				T02	Testing & Inspection Services	4
				W02	Water Resources; Hydrology; Ground Water	4
		256		W03	Water Supply; Treatment and Distribution	4
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
a. Federal Work	7	1. Less than \$100,000		6. \$2 million to less than \$5 million		
b. Non-Federal Work	9	2. \$100,000 to less than \$250,000		7. \$5 million to less than \$10 million		
		3. \$250,000 to less than \$500,000		8. \$10 million to less than \$25 million		
c. Total Work	9	4. \$500,000 to less than \$1 million		9. \$25 million to less than \$50 million		
		5. \$1 million to less than \$2 million		10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE The foregoing is a statement of facts.						
a. SIGNATURE 					b. DATE June 30, 2025	
c. NAME AND TITLE Kathleen Chu, PE Vice President/Principal-in-Charge						

A decorative graphic consisting of a bracket-like shape. The left vertical line has a vertical gradient from yellow at the top to dark red at the bottom. The top and bottom horizontal lines are solid dark red.

APPENDIX A: AWARDS AND CLIENT EVALUATIONS

Bowers + Kubota’s Unique Qualifications and Commitment to Excellence are demonstrated by some of the numerous awards and recognition we have received.



Architectural
Record

Top 300 US Architecture Firms
2023: #283 National

Hawai‘i Business Magazine’s

Best Places to Work

2008 - 2024 Recipient
2009, 2011-2013, 2015, 2022 - 2025: 1st Place

Best Places to Work for Women

2021, 2023: 1st Place



Zweig Group’s National Best Firms to Work For

- 2024: 8th Place Multidiscipline
3rd Place Firm Size 200+ Employees
- 2023: 2nd Place Multidiscipline
2nd Place Firm Size 200+ Employees
- 2022: 4th Place Multidiscipline
3rd Place Firm Size 200+ Employees
3rd Place Internal Marketing Award
Trifecta Award for Winning all 3 Categories
- 2021: 1st Place Multidiscipline
2nd Place Firm Size 200+ Employees
3rd Place Internal Marketing Award
Trifecta Award for Winning all 3 Categories
- 2020: 1st Place Multidiscipline
1st Place Firm Size 200+ Employees



ENR
Engineering News-Record

ENR Magazine

**Top 50 Construction
Management Firms**

- 2024: #36 National
- 2023: #35 National
- 2022: #30 National
- 2021: #48 National
- 2020: #44 National
- 2019: #39 National

**Inc.
5000**

INC. 5000
Fastest Growing Private Companies

- 2021: #4761 National
- 2018: #4805 National



American
Heart
Association

AHA Fit-Friendly Worksite National Award

- 2012: Platinum Achievement Recipient
- 2011, 2013: Gold Achievement Award
- 2018, 2021: Silver Achievement Award
- 2014: Worksite Innovation Award



Excellence Awards

- Wanaao Road/Keolu Drive Reconstructed Sewer
- Bowers + Kubota Warehouse/Office Space
- Keauhou Beach Hotel and Site Demolition (Honor Award - National)

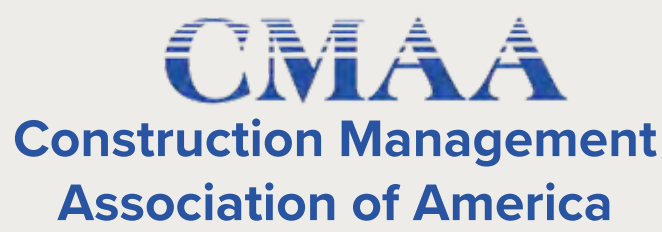
Honor Awards

- Kaumualii Highway Lihue Mill Bridge - Rice Street
- UH Information Technology Center
- Ewa Makai Middle School
- Honouliuli WWTP - New Solids Handling Facility
- Honoapiilani Highway Widening, Lahainaluna Road to Aholo Road
- New Interisland Terminal Complex, HNL
- In-Vessel Bioconversion Facility
- South Ramp Microtunneling Project
- Kaneohe - Kailua Wastewater Conveyance & Treatment Facilities Project K-K Tunnel



Outstanding Civil Engineering Achievement Award

- Emergency Repairs of 'Ihi'ihilauakea Bridge
- New Interisland Terminal Complex, HNL
- Replacement of Kea'iwa Stream Bridge
- Hawaiki Submarine Cable and Kapolei Landing Station (Grand Award and Best Large Project)
- Keauhou Beach Hotel and Site Demolition (Grand Award and Best Large Project [Hawaii], Best Large Project [Region], and Honor Award [National])



2019 Construction Management Project Achievement Award

Water/Wastewater/Utility:
Construction value greater than \$50M

- Kaneohe - Kailua Wastewater Conveyance and Treatment Facilities Project KK Tunnel

2024 Project Achievement Award

Education: Construction value greater than \$50M

- The West Maui Temporary School Facility Project

PROJECT AWARDS



2011 Project of the Year Award

- Kamehameha Avenue Roadway Improvements



Public Works Project of the Year

- Ala Wai Golf Course Driving Range Improvements

CM Project of the Year

- Emergency Repairs of 'Ihi'ihilauakea Bridge
- Haleakala Highway Widening, Phase II
- Honouliuli WWTP, New Solids Handling Facility
- Ewa Makai Middle School
- Manele Small Boat Harbor Ferry and ADA Improvements
- In-Vessel Bioconversion Facility
- Pa'au'au Stream Building Project

Project Management Project of the Year

- Manana Properties Development
- National Cemetery Stabilization

Construction Management National Project of the Year

- Replacement of Kea'iwa Stream Bridge



American Society of Landscape Architects

Hawaii Chapter

General Design Merit Award

- University of Hawai'i – West O'ahu, New Administration and Allied Health Building

Bowers + Kubota Evaluation Form 2024

Strategic Highway Safety Plan

\$533,460

Name of Project

Contract Amount

Scope of work: Planning

Please indicate how satisfied or dissatisfied you are in each section by writing in the appropriate numerical response:

(N/A) Not Applicable (1) Very Dissatisfied (2) Dissatisfied (3) Somewhat Satisfied (4) Satisfied (5) Very Satisfied

Section 1 – Staff

Score

1. Quality of consultant team Carah Kadota, Ty Shiramizu, Amy Yamakawa, Kaitlyn Nokosi	5
Comments: Consultant team was very easy to work with. Enjoyed doing business with them.	
2. Quality of Project Manager Kathleen Chu	5
Comments: Kathleen took great care of us and our project. We would highly recommend her and the company for future projects.	
3. Treats you as an important team member	5
Comments: Always treated as an important team member.	
4. Team is sufficiently staffed to meet your needs	5
Comments: Team was sufficiently staffed with very competent individuals.	
5. Lives the B+K Core Values Superior Quality * Integrity * Teamwork	5
Comments: All core values were achieved	

Section 2 – Technical Ability

1. Professional/ethical approach to the work	5
Comments: Everyone was very professional in their work. No ethical problems at all.	
2. General technical knowledge	5
Comments: The team's general technical knowledge and background resulted in the production of an updated SHSP that we can be proud of.	
3. Knowledge of the contract	5
Comments: Team understood the contract. I had no worries.	
4. Quality of response to documents	5
Comments: Team was very responsive to any requests and production of documents.	
5. Knowledge and accuracy of estimating	5
Comments:	
6. Knowledge and accuracy of schedules	5
Comments: Team kept our project on schedule to meet deadlines.	
7. Ability to avoid or mitigate claims	5
Comments:	

Section 3 – Communication

Score

1. Keeps you informed	5
Comments: Team was easy to communicate with. All questions were addressed as appropriate. We were always informed throughout the process.	
2. Addresses problems and offers workable solutions	5
Comments: All problems were addressed with workable solutions. Very thankful.	
3. Seeks/incorporates your suggestions	5
Comments: Felt as though we were working as a team and that they valued our suggestions and opinions.	

Section 4 – Timeliness

1. Responds to your request in a timely fashion	5
Comments: Always responded in a timely manner.	
2. Reaches interim project goals on schedule	5
Comments: All project goals were on schedule and achieved.	
3. Processes documents in a timely manner	5
Comments: All documents were provided in a timely manner.	

Section 5 – Value

1. Adheres to project budget	5
Comments:	
2. Provides added value	5
Comments: Their knowledge and background greatly added value to this project.	

Section 6 – Overall

1. Please rate the overall performance	5
Comments: Overall performance is excellent!	
2. Would be your choice for future service	5
Comments: Yes! Would be our choice and would recommend to others.	

Additional Comments:

Thank you for your assistance with this project! We really appreciate the hard work and dedication that was put into this project. Document came out beautifully!

Ms. Jan Higaki

State of Hawaii, Department of Transportation,
Highways

11/13/2024

Name

Agency/Department/Division

Date

Bowers + Kubota Evaluation Form 2024

Environmental Guideline & Training Program

\$744,284

Name of Project

Contract Amount

Scope of work: Planning

Please indicate how satisfied or dissatisfied you are in each section by writing in the appropriate numerical response:

(N/A) Not Applicable (1) Very Dissatisfied (2) Dissatisfied (3) Somewhat Satisfied (4) Satisfied (5) Very Satisfied

Section 1 – Staff

Score

1. Quality of consultant team Ronald Sato, Carah Kadota, Jared Chang, Amy Yamakawa	5
Comments:	
2. Quality of Project Manager Kathleen Chu	5
Comments:	
3. Treats you as an important team member	5
Comments:	
4. Team is sufficiently staffed to meet your needs	5
Comments:	
5. Lives the B+K Core Values Superior Quality * Integrity * Teamwork	5
Comments:	

Section 2 – Technical Ability

1. Professional/ethical approach to the work	5
Comments:	
2. General technical knowledge	5
Comments:	
3. Knowledge of the contract	5
Comments:	
4. Quality of response to documents	5
Comments:	
5. Knowledge and accuracy of estimating	N/A
Comments:	
6. Knowledge and accuracy of schedules	5
Comments:	
7. Ability to avoid or mitigate claims	N/A
Comments:	

Section 3 – Communication

Score

1. Keeps you informed	5
Comments:	
2. Addresses problems and offers workable solutions	5
Comments:	
3. Seeks/incorporates your suggestions	5
Comments:	

Section 4 – Timeliness

1. Responds to your request in a timely fashion	5
Comments:	
2. Reaches interim project goals on schedule	5
Comments:	
3. Processes documents in a timely manner	5
Comments:	

Section 5 – Value

1. Adheres to project budget	5
Comments:	
2. Provides added value	5
Comments:	

Section 6 – Overall

1. Please rate the overall performance	5
Comments:	
2. Would be your choice for future service	5
Comments:	

Additional Comments:

--

Mr. Dean Matsui

State of Hawaii, Department of Transportation,
Highways

11/13/2024

Name

Agency/Department/Division

Date

Bowers + Kubota Evaluation Form 2024

Kaumualii Highway Feasibility Study

\$674,627

Name of Project

Contract Amount

Scope of work: Study

Please indicate how satisfied or dissatisfied you are in each section by writing in the appropriate numerical response:

(N/A) Not Applicable (1) Very Dissatisfied (2) Dissatisfied (3) Somewhat Satisfied (4) Satisfied (5) Very Satisfied

Section 1 – Staff

Score

1. Quality of consultant team Carah Kadota, Lindsay Nakashima, Kristen Yoshida, Mike Nishimura, Jeremy Michelson, Albert Rivera, Jamie Tang, Nick Kanno	5
Comments:	
2. Quality of Project Manager Kathleen Chu	5
Comments:	
3. Treats you as an important team member	5
Comments:	
4. Team is sufficiently staffed to meet your needs	5
Comments:	
5. Lives the B+K Core Values Superior Quality * Integrity * Teamwork	5
Comments:	

Section 2 – Technical Ability

1. Professional/ethical approach to the work	5
Comments:	
2. General technical knowledge	5
Comments:	
3. Knowledge of the contract	5
Comments:	
4. Quality of response to documents	5
Comments:	
5. Knowledge and accuracy of estimating	5
Comments:	
6. Knowledge and accuracy of schedules	5
Comments:	
7. Ability to avoid or mitigate claims	5
Comments:	

Section 3 – Communication

Score

1. Keeps you informed	5
Comments:	
2. Addresses problems and offers workable solutions	5
Comments:	
3. Seeks/incorporates your suggestions	5
Comments:	

Section 4 – Timeliness

1. Responds to your request in a timely fashion	5
Comments:	
2. Reaches interim project goals on schedule	5
Comments:	
3. Processes documents in a timely manner	5
Comments:	

Section 5 – Value

1. Adheres to project budget	5
Comments:	
2. Provides added value	5
Comments:	

Section 6 – Overall

1. Please rate the overall performance	5
Comments:	
2. Would be your choice for future service	5
Comments:	

Additional Comments:

Mr. Dean Matsui

State of Hawaii, Department of Transportation,
Highways

11/13/2024

Name

Agency/Department/Division

Date

A decorative graphic consisting of a bracket-like shape. The left vertical line has a vertical gradient from yellow at the top to dark red at the bottom. The top and bottom horizontal lines are solid dark red.

APPENDIX B: PROFESSIONAL LICENSES

LICENSES - ARCHITECTS

Hae-Dong Lee, AIA, NCIDQ, LEED AP, MBA
AR-17013

License Number AR-17013	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ARCHITECT HAE-DONG LEE		
 SIGNATURE OF LICENSEE		

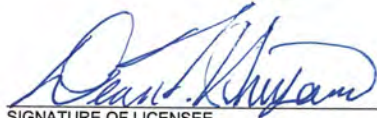
Chad Okinaka, AIA, LEED AP
AR-8427

License Number AR-8427	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ARCHITECT CHAD M OKINAKA		
 SIGNATURE OF LICENSEE		

Jonathan Ramento, AIA
AR-18406

License Number AR-18406	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ARCHITECT JONATHAN A RAMENTO		
 SIGNATURE OF LICENSEE		

Dean Ichiyama, AIA
AR-11935

License Number AR-11935	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS ARCHITECT DEAN T ICHIYAMA		
 SIGNATURE OF LICENSEE		

LICENSES - ENGINEERS

Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC, CESCOP, LEED AP
PE-9548

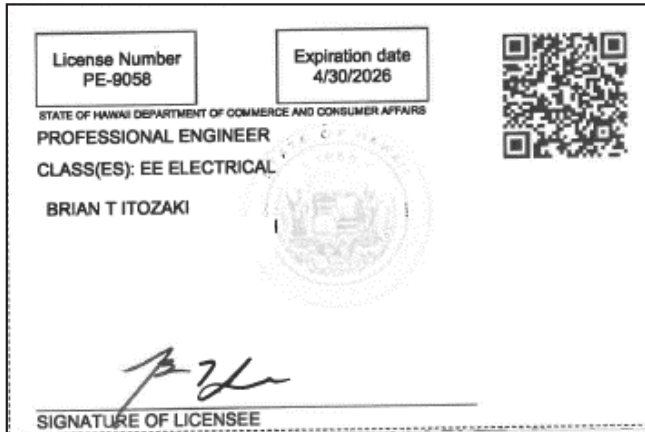
License Number PE-9548	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): CE CIVIL JAY M K STONE		
 SIGNATURE OF LICENSEE		

Kathleen Chu, PE
PE-12808

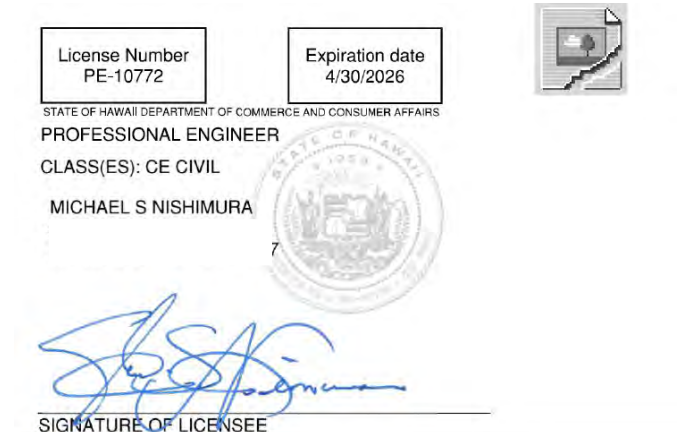
License Number PE-12808	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS PROFESSIONAL ENGINEER CLASS(ES): CE CIVIL KATHLEEN S B CHU		
 SIGNATURE OF LICENSEE		

LICENSES - ENGINEERS

Brian Itozaki, PE, LEED AP
PE-9058



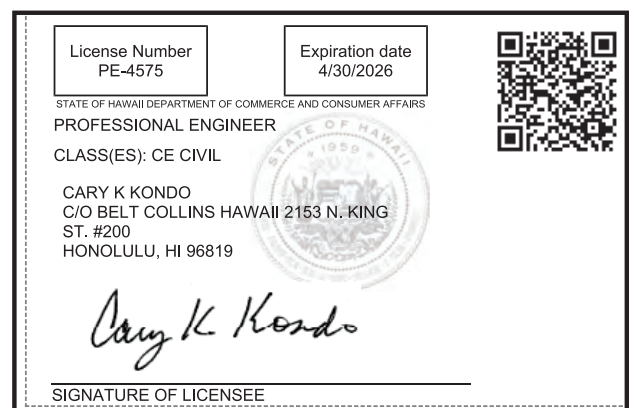
Michael Nishimura, PE, CWPPP, ESCPC, CESCPC, LEED AP
PE-10772



Lindsay Nakashima, PE, CWPPP, CESCPC, MBA
PE-12569



Cary Kondo, PE, CWPPP, CESCPC
PE-4575



David Bills, PE, CWPPP
PE-4516



Nicolo "Nick" Orense, PE, CWPPP, CESCPC, LEED AP
PE-11774



LICENSES - ENGINEERS

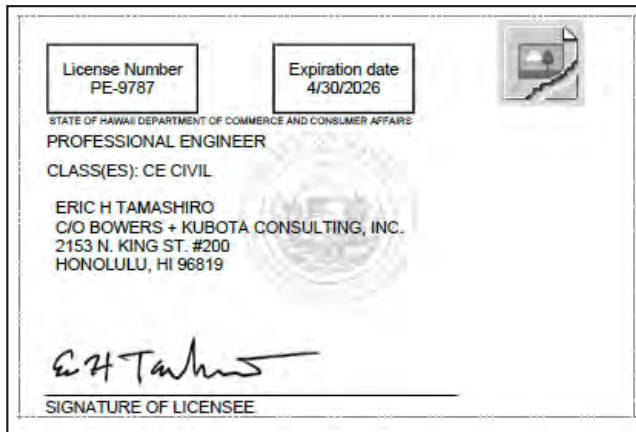
Kevin K Katayama, PE
PE-7913



Corey Chun
PE-10312



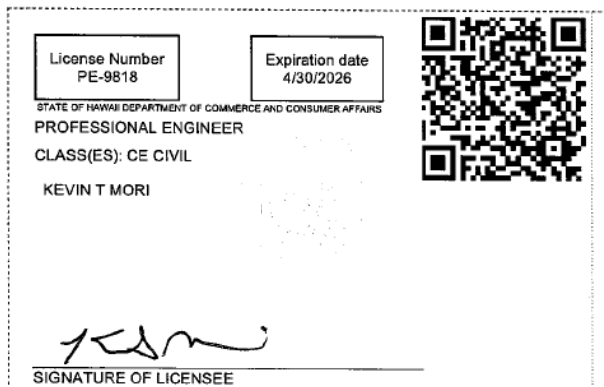
Eric Tamashiro, PE, CWPPP, ESCPC, CESCPC, LEED AP
PE-9787



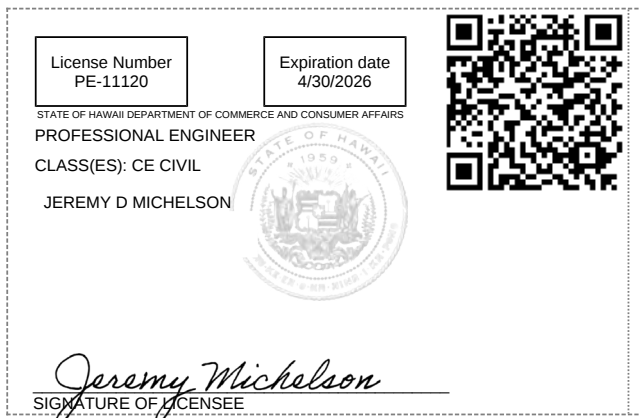
Kristen Yoshida, PE, CPESC, CWPPP, CPSWQ, CESCPC
PE-15808



Kevin T Mori, PE
PE-9818



Jeremy Michelson, PE, CPESC, CWPPP, CESCPC
PE-11120



Trina Onuma, PE, CWPPP, CESCOP, LEED AP, MBA
PE-6709

License Number PE-6709	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
TRINA H ONUMA		
		
Trina Onuma Digitally signed by Trina Onuma DN: cn=Trina Onuma, email=TrinaOnuma@hawaii.gov, o=State of Hawaii, ou=Department of Commerce and Consumer Affairs, c=US		
SIGNATURE OF LICENSEE		

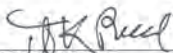
Harold Pascua, PE, CWPPP, CESCOP
PE-9298

License Number PE-9298	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
HAROLD R PASCUA		
		
SIGNATURE OF LICENSEE		

Karen Bates, PE, CWPPP, CESCOP
PE-11652

License Number PE-11652	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
KAREN Q BATES		
		
SIGNATURE OF LICENSEE		

Justin Privett, PE, CWPPP, CESCOP
PE-12541

License Number PE-12541	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
JUSTIN K PRIVETT		
		
SIGNATURE OF LICENSEE		

Patricia Cabus, PE, CWPPP, CESCOP
PE-20093

License Number PE-20093	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
PATRICIA LYN ARABIT CABUS		
		
SIGNATURE OF LICENSEE		

Joshua Gusman, PE, ESCPC, CWPPP, CESCOP
PE-21326

License Number PE-21326	Expiration date 4/30/2026	
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS		
PROFESSIONAL ENGINEER		
CLASS(ES): CE CIVIL		
JOSHUA MARTIN LOUIS GUSMAN		
		
SIGNATURE OF LICENSEE		

CERTIFICATIONS - PLANNERS

Jared Chang, AICP

Certified Planner Number: #028907



Ronald Sato, AICP

Certified Planner Number: #014538



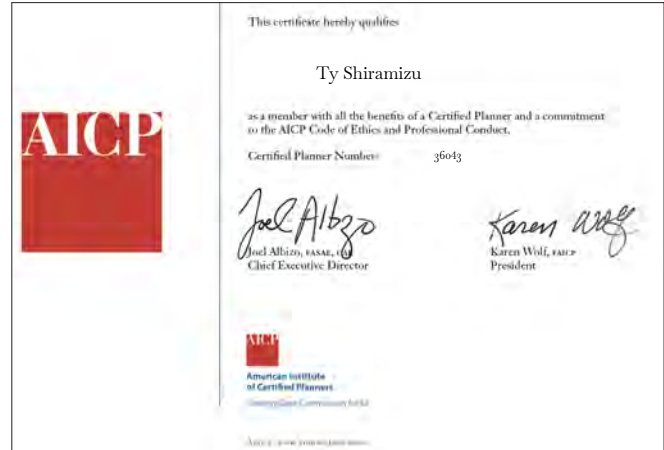
Carah Kadota, AICP

Certified Planner Number: #34599



Ty Shiramizu, AICP

Certified Planner Number: #36043



Malachi Krisok, AICP

Certified Planner Number: #37112



LEED AP CERTIFICATES



LEED AP CERTIFICATES



GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

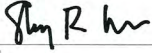
Jay Stone

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.





Chairman

June 26, 2009

Date Issued



Peter Tompkins, President

Printed on 50% bamboo fibers / 50% post-consumer fibers with vegetable based ink.



GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

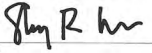
Brian Itozaki

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.





Chairman

June 29, 2009

Date Issued



Peter Tompkins, President

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GREEN BUILDING CERTIFICATION INSTITUTE

HEREBY CERTIFIES THAT

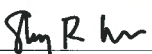
Michael Nishimura

HAS ACHIEVED THE DESIGNATION OF

LEED® ACCREDITED PROFESSIONAL

BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.





Chairman

June 30, 2009

Date Issued



Peter Tompkins, President

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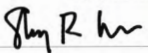
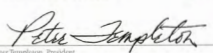
LEED AP CERTIFICATES


GREEN BUILDING CERTIFICATION INSTITUTE
HEREBY CERTIFIES THAT

Nicolo Orense

HAS ACHIEVED THE DESIGNATION OF
LEED® ACCREDITED PROFESSIONAL
BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.



Chairman:  Date Issued: **June 6, 2009** Peter Tompkins, President: 


GREEN BUILDING CERTIFICATION INSTITUTE
HEREBY CERTIFIES THAT

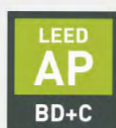
Eric Tamashiro

HAS ACHIEVED THE DESIGNATION OF
LEED® ACCREDITED PROFESSIONAL
BY DEMONSTRATING THE KNOWLEDGE OF GREEN BUILDING PRACTICE
REQUIRED FOR SUCCESSFUL IMPLEMENTATION OF THE LEADERSHIP IN ENERGY
AND ENVIRONMENTAL DESIGN (LEED®) GREEN BUILDING RATING SYSTEM™.



Chairman:  Date Issued: **February 10, 2009** Peter Tompkins, President: 

Based on 20% Test Score (80% or 80% and over) and 80% or 80% and over score on the LEED AP exam.



GREEN BUSINESS CERTIFICATION INC. CERTIFIES THAT

Kevin Katayama

HAS ATTAINED THE DESIGNATION OF
LEED AP® Building Design + Construction
by demonstrating the knowledge and understanding of
green building practices and principles needed to
support the use of the LEED® green building program.



PETER TOMPKINS
PRESIDENT & CEO
U.S. GREEN BUILDING COUNCIL & GREEN BUSINESS CERTIFICATION INC.

10007962-AP-BD+C

02 AUG 2010

31 JUL 2026



BOWERS + KUBOTA

Construction Management • A/E Design • Planning • Project Management