



COUNTY OF HAWAII RESEARCH AND DEVELOPMENT

June 28, 2024

STATEMENT OF QUALIFICATIONS FOR PROFESSIONAL SERVICES FISCAL YEAR 2024 - 2025

RD.2) COMMUNITY PLANNING

Grant Writer

June 28, 2024

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

**Subject: Professional Services During Fiscal Year 2024-2025
RD.2) Community Planning (Grant Writer)**

Dear Mr. Adams:

Bowers + Kubota Consulting (B+K) is pleased to submit our letter of interest and qualifications to provide professional services during the fiscal Year 2024-2025 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 jstone@bowersandkubota.com.

Respectfully,

BOWERS + KUBOTA CONSULTING, INC.



Jay Stone, PE, BCEE, CFM, CPSWQ, ESCPC, CPESC, CWPPP, CESCPC, LEED AP
Principal-in-Charge





STANDARD

FORM 330

ARCHITECT - ENGINEER QUALIFICATIONS

PART I - CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION1. TITLE AND LOCATION (*City and State*)

Professional Services in Fiscal Year 2024 - 2025

2. PUBLIC NOTICE DATE

June 1, 2024

3. SOLICITATION OR PROJECT NUMBER

RD.2) Community Planning (Grant Writer)

B. ARCHITECT - ENGINEER POINT OF CONTACT

4. NAME AND TITLE

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

jstone@bowersandkubota.com

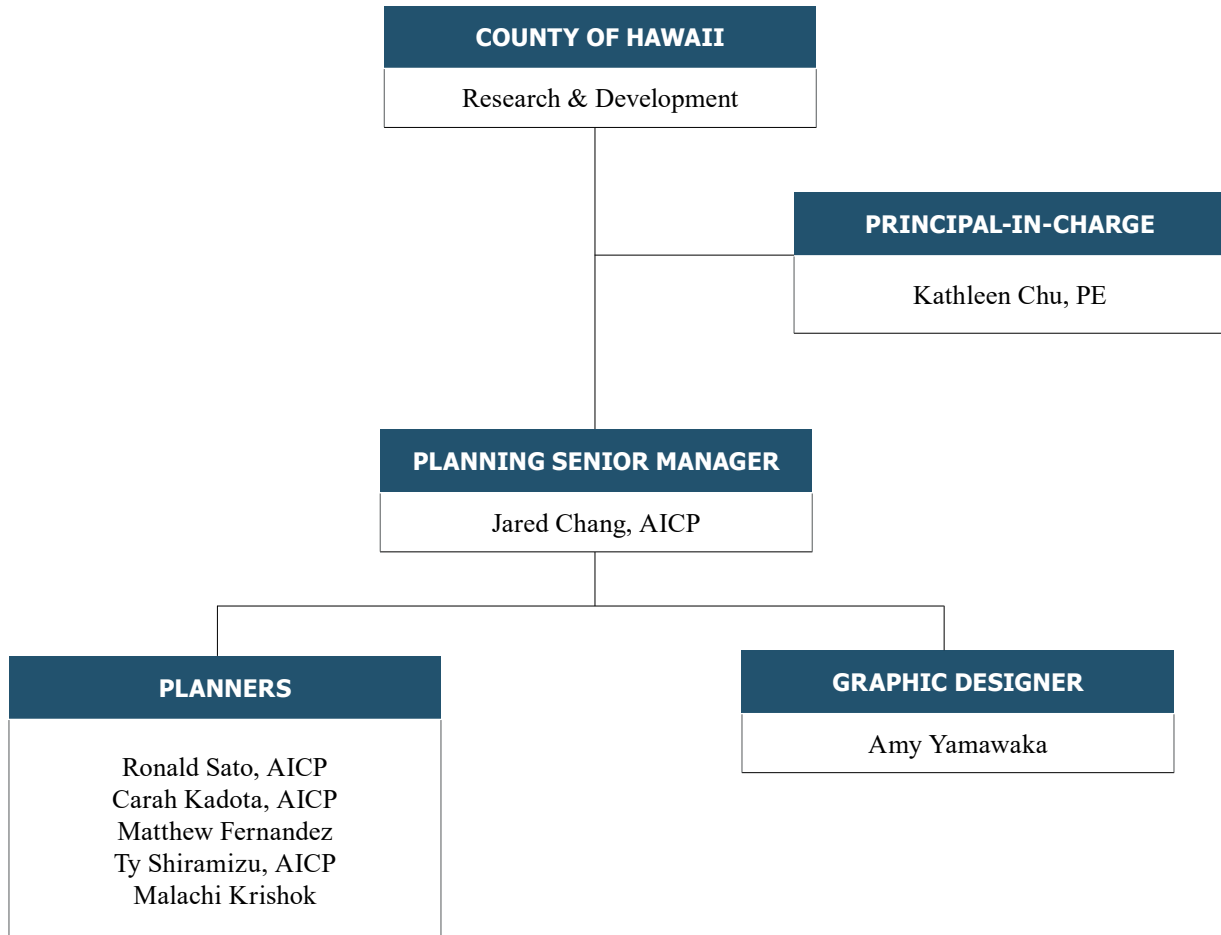
C. PROPOSED TEAM

(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



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
Kathleen Chu, PE	Principal-in-Charge	32	2

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Science, Civil Engineering

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

HI, Professional Engineer/Civil [#12808 (exp. 4/30/2026)]
CA, Professional Engineer/Civil [#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

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)
County of Maui, Department of Public Works Waiale Road Extension Project Waikapu, Maui, Hawaii	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: Project manager 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: \$72,000,000		
State of Hawaii, Department of Transportation Highways Route 50 (Kaunualii 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		
b. 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, Kaunualii 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		
State of Hawaii, Department of Transportation, Highways Vulnerable Road User Safety Assessment (VRUSA) Statewide, HI	Ongoing	Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
c. ROLE: Project Manager SCOPE: 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. The assessment will include the Safe System Approach, which aims to improve safety culture, increase collaboration across all stakeholders, and refocus transportation system design and operation on anticipating human mistakes and lessening impact forces to reduce crash severity and save lives. PROJECT COST: \$575,000		
Hawaii Community Foundation Affordable and Workforce Housing Regional Plans Island of Maui, Hawaii	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 created three regional plans for the Central, South and West Maui regions. These plans highlighted the need for affordable housing and infrastructure that would support those projects as part of the House Maui Initiative. The House Maui Initiative supported the planning and delivery of much needed affordable and workforce housing while building on the County of Maui's community-based planning process. As part of the effort, the B+K team explored where regional infrastructure can support and serve as a catalyst for affordable and workforce housing projects. The B+K team helped the County get additional funding for the Waiale Road Extension project, as a recipient of \$25 M through the FY2022 RAISE grant. Through a public private partnership with the neighboring developer, 200 additional affordable homes will be built. Last year, the B+K team helped the County get \$25 M through the FY2023 RAISE grant for another roadway extension project that will support housing. 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 THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Jared Chang, AICP	Planning Manager / Senior Project Planner	19	1

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Bachelor of Arts, Public Administration

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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 Various Locations, HI	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☐ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	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		
b.	County of Maui, Department of Public Works Waiale Road Extension Waikapu, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Project Planner SCOPE: Project manager 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: \$72,000,000		
c.	The Wilhelm Group for State of Hawaii, Department of Transportation, Harbors Hilo and Kahului Harbor Land Acquisition	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Project 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 buildout 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. PROJECT COST: N/A		
d.	Hawaii Community Foundation Affordable and Workforce Housing Regional Plans Island of Maui, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM		
	ROLE: Senior Planning Manager SCOPE: B+K created three regional plans for the Central, South and West Maui regions. These plans highlighted the need for affordable housing and infrastructure that would support those projects as part of the House Maui Initiative. The House Maui Initiative supported the planning and delivery of much needed affordable and workforce housing while building on the County of Maui's community-based planning process. As part of the effort, the B+K team explored where regional infrastructure can support and serve as a catalyst for affordable and workforce housing projects. The B+K team helped the County get additional funding for the Waiale Road Extension project, as a recipient of \$25 M through the FY2022 RAISE grant. Through a public private partnership with the neighboring developer, 200 additional affordable homes will be built. Last year, the B+K team helped the County get \$25 M through the FY2023 RAISE grant for another roadway extension project that will support housing. PROJECT COST: N/A		
e.	State of Hawaii, Department of Hawaiian Home Lands North Kona Water Development Kona, 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: 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. 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 THIS CONTRACT	14. YEARS EXPERIENCE	
Ronald Sato, AICP	Senior Project Manager/Senior Planner	A. TOTAL 34	B. WITH CURRENT FIRM 1

15. FIRM NAME AND LOCATION (City and State)

B Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

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

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

American Institute of Certified Planners (Certificate No. 014538) 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 Pier 40 Improvements Honolulu Harbor EIS Honolulu, 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: Senior Project Manager SCOPE: The State Department of Transportation, Harbors is proposing improvements to Piers 39 and 40 that's used by Young Brothers as an interisland terminal. The project would fill the harbor area between Piers 39 and 40 and demolish certain areas of these piers to offset fill and loss of U.S. waters. Inland areas would be raised 3 feet to address sea level rise and redevelopment of Young Brothers facilities. An EIS would be prepared along with addressing several federal requirements to support a U.S. COE Individual Permit for pier work. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State of Hawaii, Department of Transportation, Highways Transportation Corridor Assessment Route 11 Queen Kaahumanu/Kuakini Highway, Kailua-Kona, 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: Planner SCOPE: B+K completed a Corridor Assessment to find plausible solutions and options that will reduce congestion and enhance safety along Queen Kaahumanu Extension and Kuakini Highway. With the growth in population and increase in traffic, congestion on Route 11 between Henry Street and Kamehameha III Road has continued to grow and worsen over time. The approach to develop the concepts will be modeled after the Planning and Environmental Linkages (PEL) approach to help facilitate future NEPA or HEPA processes in the future. Future traffic operations will be evaluated and near-term and mid-term improvements that can be readily implemented to reduce congestion will be identified and evaluated against a predetermined set of criteria. PROJECT COST: \$301,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
State DLNR, Division of Forestry & Wildlife Kawainui-Hamakua Marsh Master Plan; Final Environmental Impact Statement, Kailua, 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	
c. ROLE: Senior Project Manager SCOPE: Responsible for project management, master planning, and completing a State Final EIS that withstood a legal challenge. Work included extensive community outreach to address community concerns. The State DLNR, DOFAW updated their master plan for the 986-acre Kawainui-Hamakua Marsh Complex in partnership with DSP. 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. PROJECT COST: \$53,300,000			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hawaii Community Foundation Affordable and Workforce Housing Regional Plans Island of Maui, 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	
d. ROLE: Senior Project Manager SCOPE: B+K created three regional plans for the Central, South and West Maui regions. These plans highlighted the need for affordable housing and infrastructure that would support those projects as part of the House Maui Initiative. The House Maui Initiative supported the planning and delivery of much needed affordable and workforce housing while building on the County of Maui's community-based planning process. As part of the effort, the B+K team explored where regional infrastructure can support and serve as a catalyst for affordable and workforce housing projects. The B+K team helped the County get additional funding for the Waiale Road Extension project, as a recipient of \$25 M through the FY2022 RAISE grant. Through a public private partnership with the neighboring developer, 200 additional affordable homes will be built. Last year, the B+K team helped the County get \$25 M through the FY2023 RAISE grant for another roadway extension project that will support housing. 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 THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Carah Kadota, AICP	Assistant Planning Project Manager	8	1

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)

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

American Planning Association, Hawaii Chapter

American Institute of Certified Planners (Certificate No. 34599)

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 Kahawainui Stream Dredging Laie, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Processing permit applications with approvals including DA permit, 401WQC, NPDES permit for construction stormwater discharges, stream channel alteration, HRS Ch. 6E with SHPD. PROJECT COST: \$2,000,000		
b.	State of Hawaii, Department of Transportation, Highways Vulnerable Road User Safety Assessment (VRUSA) Statewide HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: 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. The assessment will include the Safe System Approach, which aims to improve safety culture, increase collaboration across all stakeholders, and refocus transportation system design and operation on anticipating human mistakes and lessening impact forces to reduce crash severity and save lives. PROJECT COST: \$75,000		
c.	State of Hawaii, Department of Transportation Highways Route 50 (Kaunualii Highway) Feasibility Study, Hanapepe to Kekaha Kauai, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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, Kaunualii 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		
d.	State of Hawaii, Department of Transportation, Harbors Consulting Engineer's Report for FY2017-2019 Statewide, HI	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Preparation of a Consulting Engineer's Report that examined the operations of all commercial harbors and associated improvements within fiscal year 2017-2019. PROJECT COST: \$50,000		
e.	State of Hawaii, Department of Transportation, Harbors Department of Transportation, Harbors Pier 40 Improvements Honolulu Harbor Honolulu, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: State Department of Transportation, Harbors is proposing improvements to Piers 39 and 40 that's used by Young Brothers as an interisland terminal. The project would fill the harbor area between Piers 39 and 40 and demolish certain areas of these piers to offset fill and loss of U.S. Waters. Inland areas would be raised 3 feet to address sea level rise and redevelopment of Young Brothers facilities. An EIS would be prepared along with addressing several federal requirements to support a U.S. COE Individual Permit for pier work. PROJECT COST: \$1,413,000		

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
Matthew Fernandez	Assistant Planner	4	1

15. FIRM NAME AND LOCATION (City and State)

BK Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

Master of Science, 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)
a.	Office of Hawaiian Affairs Kukaniloko Green House & Nursery Phase 1 Honolulu, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Assistant Planner SCOPE: Planning and development of a greenhouse/nursery operation near the birthing stones site (Kukaniloko) in Wahiawa central Oahu. The project included through putting native species for out-planting and eventual use for reforestation of the Lake Wilson site edge. The site is sloped and designed for various equipment circulation, green waste management, irrigation, a full range nursery operations, educational functions, public visitation and for-sales produce including aquaponic vegetables. PROJECT COST: N/A		
b.	County of Maui, Planning Department South Maui Community Plan Update Various Locations, HI	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Updated the South Maui Community Plan that included the regions from Maalaea, Kihei, Wailea, Makena, to Ahihi-Kinau/Kanaio. The updated plan provides a vision, a community plan map, goals, policies and actions to guide County officials and staff, property owners, developers, and residents on the appropriate growth and redevelopment patterns for South Maui for the next 20 years. PROJECT COST: \$7,000,000 (estimated)		
c.	State of Hawaii, Department of Transportation, Airports Ahukini Landfill Restoration, Phase II Lihue, HI	Ongoing	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Planner SCOPE: Bowers + Kubota Consulting is currently working with various agencies to develop a plan to deal with shearwater bird habitats in the project 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 scope includes planning, environmental services, surveying, permitting, design and construction and post-construction support services. The scope also includes coordination with the State Hazard Evaluation and Emergency Response (HEER) Office to address the mitigation and removal of debris that has fallen into the ocean. PROJECT COST: \$8,600,000		
d.	NICELES Unipessoal Timor-Leste	2022 - 2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Environment/Planning Technical Adviser SCOPE: Conducted due diligence and reviewed environmental reports for the proposed project. Provided technical assistance & guidance related to the environmental and planning aspects of the project. 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 THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Ty Shiramizu, AICP	Planner	3	<1

15. FIRM NAME AND LOCATION (City and State)

 Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

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

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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

American Planning Association, American Institute of Certified Planners (Pending)

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hawaii Health Systems Corporation (HHSC) Samuel Mahelona Memorial Hospital TOD Master Plan Update Kapaa, Kauai, HI		PROFESSIONAL SERVICES 2022-2024	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: Updated existing TOD Master Plan to include adjacent State parcels and produce a master plan for the hospital campus that would provide housing, public services such as a library, police station, and other public services, while being centered around alternative transportation options and public transit. Included coordinating and note taking for meetings with an advisory group (10+), community meetings (3+), and agency/stakeholder groups (3+). Also included survey implementation and analysis, production of flyer's and informational material, presentation and report drafting, video and audio editing, management of project website, email account, and contact list, and GIS work/analysis for the production of figures for EISPN. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
DLNR – Division of State Parks Polihale State Park Interim Access and Management Plan Kekaha, Kauai, HI		PROFESSIONAL SERVICES 2022-2023	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: Conducted community outreach to receive and analyze feedback about issues, priorities, and opportunities for an access and management plan for Polihale State Park following a period of overuse during COVID-19. Centered around issues of access, natural and cultural resource management, and collaboration with nearby government and community organizations. Included implementation and analysis of multiple surveys, coordinating and reporting on key stakeholder meetings (6+) and community meetings (4+), updates to client, managing project website and email account, and drafting presentations and final report. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
City and County of Honolulu Department of Planning and Permitting Waianae Sustainable Communities Plan Update Waianae, Oahu, HI		PROFESSIONAL SERVICES 2022-2024	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: Planner SCOPE: Project to update the Waianae Sustainable Communities Plan (last updated in 2012) to review and develop a community vision for the plan. The plan would act as a guide for City decision makers, private developers and landowners, etc. Involved multiple community meetings and workshops (6+), client update meetings, advisory group meetings (10+), and coordination/note-taking/report writing on all of the above. Implemented 3+ surveys for feedback on different stages of the plan, produced community land use maps and other maps for use in the plan or for community engagement with GIS, assisted with policy recommendations, drafting of public-facing fact sheets, and deliverables management. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
Hawaii Housing and Finance Development Corporation Liliha Civic Center Master Plan & Iwilei Infrastructure Improvement Master Plan Honolulu, 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	
d. ROLE: Planner SCOPE: Project to develop a master plan for the area which provided space for State Programs, affordable housing, and supportive infrastructure with the goal of achieving TOD goals. Assisted with an economic-fiscal model and analysis and report as well as meetings and meeting notes. PROJECT COST: N/A			
(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED	
County of Kauai Transportation Agency Kauai Bus Facilities Expansion EA Lihue, 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	
e. ROLE: Planner SCOPE: Conducted research and drafted environmental review document for the expansion of Kauai Bus facilities to enable the use and maintenance of electric buses. Included GIS work to inform and produce figures for the EA, early consultation mail out and management of response letters, site visit and photography, and correspondence/updates with the client. 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 THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Malachi Krishok	Planner	9	<1

15. FIRM NAME AND LOCATION (City and State)

 Bowers + Kubota Consulting, Waipahu, HI

16. EDUCATION (Degree and Specialization)

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

17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)

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.	Kauai County Special Treatment-Coastal Edge Overlay Zone Development Standards Island Of Kauai, HI	2022	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ROLE: Senior Planner SCOPE: Worked with the County of Kauai to develop development standards and review criteria for new development proposed within the County's new Special Treatment-Coastal Edge zone. The standards and criteria will be incorporated into the County's comprehensive zoning ordinance once approved. Assisted with research and GIS mapping and analysis. CONTRACT VALUE: N/A		
b.	DHHL Anahola Regional Plan Update Anahola, HI	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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		
c.	West Kauai Community Plan West Kauai, HI	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE 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		
d.	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 SCOPE: Updated the City and County of Honolulu, Department of Planning and Permitting 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 THIS CONTRACT	14. YEARS EXPERIENCE	
		A. TOTAL	B. WITH CURRENT FIRM
Amy Yamakawa	Graphic Designer	35	27

15. FIRM NAME AND LOCATION (City and State)

 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 ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM 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 ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM 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 ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM 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 ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM 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: \$575,600		
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 ☒ CHECK IF PROJECT PERFORMED WITH CURRENT FIRM 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. CONTRACT VALUE: \$52,400		

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) City and County of Honolulu, Department of Design and Construction Honolulu Zoo Hawaiian Wetland Aviary Honolulu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (if applicable) Ph. 1A - 2025 (estimated)
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City and County of Honolulu, Department of Design and Construction	b. POINT OF CONTACT NAME John Condrey	c. POINT OF CONTACT TELEPHONE NUMBER (808) 768-8468
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

SCOPE: Bowers + Kubota Consulting is providing landscape architecture, civil engineering, planning, architect, and electrical engineer services for the first of three phase of a new Hawaii exhibit, which will feature a wetland aviary. The new exhibit will be located just inside the main entrance arrival area, replacing the existing duck pond, extending eastward to the Nene Goose Sanctuary. Once completed, the aviary will showcase native and endangered birds in a recreated coastal wetland habitat. The wetland will transition to future exhibits featuring lora and fauna of Hawaii's 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: \$5,000,000



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	Planner, Civil Engineer, Landscape Architect

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> City and County of Honolulu, Department of Design and Construction Kahawainui Stream Dredging Laie, 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, Department of Design and Construction	b. POINT OF CONTACT NAME Kristie Ching	c. POINT OF CONTACT TELEPHONE NUMBER (808) 768-8800
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

SCOPE: Bowers + Kubota Consulting is preparing construction plans and specifications for the maintenance dredging of the City-owned portion of Kahawainui Stream between the intersection with Laie Wai Stream to the mouth of the stream excluding the sand berm at the stream mouth. An environmental review consisting of a Draft and Final Environmental Assessment, with an anticipated Finding of No Significant Impact (FONSI), will be prepared in accordance to the Hawaii Revised Statutes Chapter 343. The review will include a biological survey, archaeological and cultural study, and other environmental reports to determine impacts of the project and mitigation measures. Preparation of permit applications for the dredging and obtaining permit approvals is included in the project scope along with engineering assistance during the bidding and construction.

PROJECT COST: \$2,000,000



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

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 (City and State) City and County of Honolulu, Department of Transportation Services Complete Streets Planning and Preliminary Design, Kaneohe, Kailua, and Pearl City, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2021 CONSTRUCTION (if applicable): N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City and County of Honolulu, Department of Transportation Services	b. POINT OF CONTACT NAME Daniel Alexander	c. POINT OF CONTACT TELEPHONE NUMBER (808) 768-6652
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

SCOPE: Bowers + Kubota Consulting assessed implementation of complete streets concept designs in Kaneohe, Kailua, and Pearl City area as part of planned road rehabilitation projects in each area. The inter-disciplinary team was comprised of civil/transportation engineers, physical/site planners, urban designers, arborists, and landscape architects.

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. The project applied 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. Input from the community was combined with a multi-modal assessment of all transportation methods in each area and observations from the project team to prepare the complete streets proposals. Within each area unique conditions and parameters existed that called for specific solutions. Viable tools to develop complete streets were combined with sound urban design, physical planning and landscape architecture to arrive at best options. The results of the combined input were revealed at community meetings where concept plans were shown and additional feedback was provided.

B+K worked with the team to bring its collective experience together and bring a sensible approach to addressing the evolution of the project areas' transportation networks, which was used to refine the street cross-sections and prepared concept plans for the proposed roadway improvements along with associated opinions of probable construction costs. B+K also assisted with the preparation of Exemption Declarations for the project pursuant to HRS Ch. 343.

PROJECT COST: \$4,000,000



Photo courtesy of Blue Zones

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, Civil Engineer, Landscape Architect

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> City and County of Honolulu Department of Design and Construction Ala Moana Regional Park Master Plan and Environmental Impact Statement Honolulu, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES 2019 CONSTRUCTION <i>(if applicable)</i> Ongoing
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER City and County of Honolulu, Department of Design and Construction Biederman Redevelopment Ventures (Prime consultant)	b. POINT OF CONTACT NAME Elaine Morisato (DDC) Benjamin Donsky	c. POINT OF CONTACT TELEPHONE NUMBER (808) 768-8406 (212) 390-1122
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

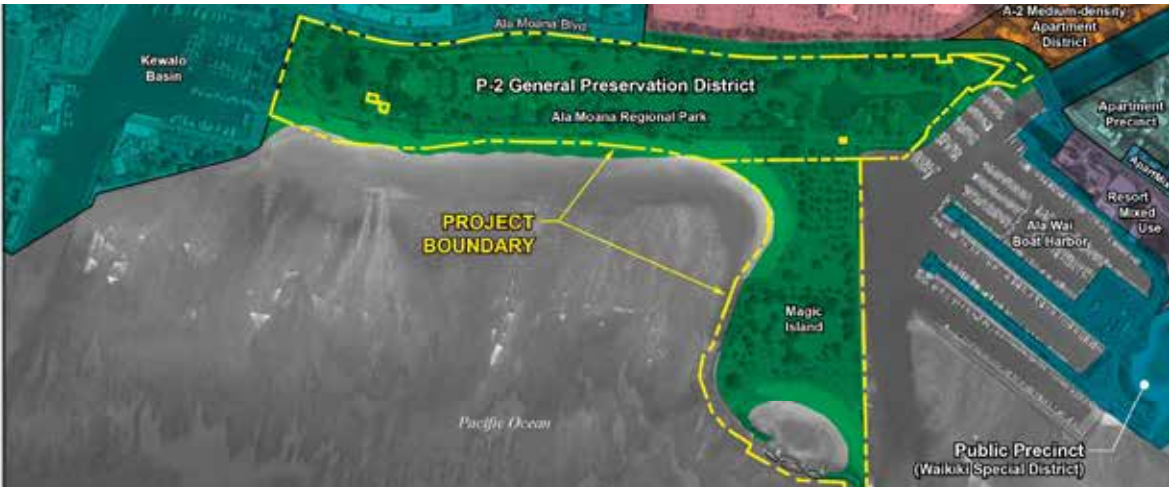
SCOPE: Bowers + Kubota supported the City in developing portions of the Preferred Concept Master Plan for Ala Moana Regional Park (Ala Moana) and preparing its corresponding Environmental Impact Statement (EIS). The goal of the master plan was to provide a planning framework allowing Ala Moana to become a multi-faceted beach park and even greater asset to the community.

The master plan evaluated the park’s existing conditions and identified areas of improvement including landscape features, infrastructure, parking and pathways, and the park’s iconic beach front. The 17 proposed improvement projects focused on addressing deferred maintenance to elevate the park’s existing facilities and address coastal erosion issues while respecting and celebrating the established character. As part of the master planning process, the B+K Planning Group prepared and published a final EIS analyzing the proposed improvements established in the master plan.

As part of the environmental review process, the B+K Planning group investigated the project’s potential effects on the built and natural environments and provided mitigation measures to help minimize impacts pursuant to Hawaii Revised Statutes, Chapter 343. This analysis included analyzing the need for beach nourishment and drainage canal improvements to address impacts from natural and climate change hazards like sea level rise. The EIS also analyzed the project’s compliance with relevant federal, state, and county land uses regulations and policies.

To develop the alternatives in the master plan and EIS, a strong community engagement and outreach program was conducted to better understand the multi-generational impact of Ala Moana on the community. Multiple public, in-person informational meetings were held between 2015 and 2018 and a project website titled “Our Ala Moana Park” was launched to garner community feedback. Incorporating input from over 30,000 visitor interactions at the website, feedback from the in-person community meetings and consultation responses from the EIS resulted in the design alternatives presented in the master plan and EIS. Additionally, during the community engagement process the master planning team was informed of more urgent actions needed at Ala Moana. This prompted the City to enact a nine-point plan to address these issues in parallel with the long-term master plan creating a holistic approach to improving the park long-term.

PROJECT VALUE: \$367,000



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, Landscape Architect

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> County of Maui, Planning Department South Maui Community Plan Update Kihei-Makena, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES: 2022 CONSTRUCTION <i>(if applicable)</i> : N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER County of Maui, Planning Department	b. POINT OF CONTACT NAME Jennifer Maydan	c. POINT OF CONTACT TELEPHONE NUMBER (808) 270-8290
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

SCOPE: Bowers + Kubota Consulting is updating the South Maui Community Plan that includes the regions from Maalaea, Kihei, Wailea, Makena, to Ahihi-Kinau/Kanaio. The updated plan will provide a vision, a community plan map, goals, policies and actions to guide County officials and staff, property owners, developers, and residents on the appropriate growth and redevelopment patterns for South Maui for the next 20 years. As a precursor to the 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. Each resource paper examines the current conditions in the area, key challenges for the future of the area and strategies to minimize adverse impacts.

PROJECT COST: N/A



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 7
21. TITLE AND LOCATION (City and State) State of Hawaii, Department of Land and Natural Resources Kealahou Bay Master Plan & Environmental Impact Statement (EIS) South Kona, HI		22. YEAR COMPLETED PROFESSIONAL SERVICES Ongoing (estimated completion 2023) CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawaii, Department of Land and Natural Resources	b. POINT OF CONTACT NAME Martha Yent	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0287
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)		

SCOPE: Bowers + Kubota Consulting prepared a Master Plan, EIS, and Management Plan services for Kealahou Bay State Historical Park. The state considers the park as one of the most historically significant places in Hawaii. The park spans 216 acres on land in three adjacent areas (Napoopoo, Pali Kapu O Keoua, and Kaawaloa), 315 acres of waters of the adjacent Kealahou Bay Marine Life Conservation District, and the Napoopoo pier. The primary project goal is to plan for a public park that preserves the area's cultural landscape and historic resources, preserves and protects the marine resources of Kealahou Bay, promotes the scenic values and natural park setting, and accommodates outdoor recreation in a manner that does not impact or degrade natural and cultural resources. A draft master plan was developed before the ocean resources became the responsibility of the State Parks Division. The draft master plan was updated to include analysis of marine issues and ocean recreational activities. The revised master plan promotes preservation and stewardship, offers guidance in the development of park interpretive concepts and programs, identifies park facility needs, and recommends park management measures for the land and the sea. Community input and collaboration was integral to the planning process.

CONTRACT VALUE: \$529,500



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 <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
		8
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED
State of Hawaii, Department of Transportation, Airports Ahukini Landfill Restoration, Phase II Lihue, HI		PROFESSIONAL SERVICES Ongoing
		CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER	b. POINT OF CONTACT NAME	c. POINT OF CONTACT TELEPHONE NUMBER
State of Transportation, Airports	Daryl Yokomizo	(808) 838-8825
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

SCOPE: Bowers + Kubota Consulting is currently working with various agencies to develop a plan to deal with shearwater bird habitats in the project 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 scope includes planning, environmental services, surveying, permitting, design and construction and post-construction support services. The scope also includes coordination with the State Hazard Evaluation and Emergency Response (HEER) Office to address the mitigation and removal of debris that has fallen into the ocean.

PROJECT COST: \$8,600,000



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, Environmental Engineer, Landscape Architect

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>	22. YEAR COMPLETED	
State of Hawaii, Department of Hawaiian Home Lands North Kona Water Development, Environmental Assessments and Preliminary Engineering Report North Kona, HI	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawaii, Department of Hawaiian Home Lands	b. POINT OF CONTACT NAME Andrew Choy	c. POINT OF CONTACT TELEPHONE NUMBER (808) 620-9559
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

SCOPE: Bowers + Kubota Consulting is 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. A Hawaii Environmental Policy Act EA in accordance with Hawaii Revised Statutes (HRS) Chapter 343 and Title 11, Chapter 200 of the Department of Health Administrative Rules will be prepared for the one parcel with the U.S. Department of Agriculture (USDA) as the accepting agency. The other parcel will have an EA prepared pursuant to HRS Ch. 343 with DHHL accepting. A Preliminary Engineering Report (PER) meeting the requirements of the USDA Rural Utilities Service will also be prepared. A topographic survey for the PER will be coordinated and preliminary site layout and grading plans to confirm the area required for the site improvements will be prepared for the PER. The PER will also be processed for acceptance by the USDA Rural Utilities Service. A hydraulic study of the North Kona Water System and assistance in drafting the terms of the Water Development Agreement between DHHL, the landowners and the County Department of Water Supply will also be provided.

PROJECT COST: N/A (Study)



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
		10
21. TITLE AND LOCATION <i>(City and State)</i>		22. YEAR COMPLETED
Greystar Development Services, LLC for University of Hawaii at Manoa University of Hawaii at Manoa Multi-Family Housing, Environmental Assessment Honolulu, HI		PROFESSIONAL SERVICES 2021 CONSTRUCTION <i>(if applicable)</i> N/A
23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Greystar Development Services, LLC for University of Hawaii at Manoa	b. POINT OF CONTACT NAME Ethen Thacher (Greystar)	c. POINT OF CONTACT TELEPHONE NUMBER (949) 892-4973
24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT <i>(Include scope, size, and cost)</i>		

SCOPE: Bowers + Kubota Consulting completed an Environmental Assessment for a Public Private Partnership (P3) project where the developer will design, build, and operate for profit the student housing multi-family building, day care center for UH students, and commercial operations such as a convenience store and/or eatery.

PROJECT COST: \$1,500,000



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

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						
Jared Chang, AICP	Planning Manager / Senior Project Planner		X		X					X	
Ronald Sato, AICP	Senior Project Manager/ Senior Planner										
Carah Kadota, AICP	Assistant Planning Project Manager	X	X								
Matthew Fernandez	Planner										
Ty Shiramizu, AICP	Planner										
Malachi Krishok	Planner										
Amy Yamakawa	Graphic Designer	X	X	X	X	X	X	X	X	X	X

29. EXAMPLE PROJECTS KEY

NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)	NO.	TITLE OF EXAMPLE PROJECT (FROM SECTION F)
1	City and County of Honolulu Department of Design and Construction Honolulu Zoo Hawaiian Wetland Aviary	6	County of Maui Planning Department South Maui Community Plan Update
2	City and County of Honolulu Department of Design and Construction Kahawainui Stream Dredging	7	State of Hawaii Department of Land and Natural Resources Kealahou Bay Master Plan & Environmental Impact Statement
3	City and County of Honolulu Department of Transportation Services Complete Streets Planning and Preliminary Design, Kaneohe, Kailua, and Pearl City	8	State of Hawaii Department of Transportation, Airports Division, Ahukini Landfill Restoration, Phase II
4	County of Maui, Department of Public Works Waiale Road Extension Project	9	State of Hawaii Department of Hawaiian Home Lands North Kona Water Development,
5	City and County of Honolulu Department of Design and Construction (Biederman Redevelopment Ventures-Prime Consultant Ala Moana Regional Park Master Plan and Environmental Impact Statement	10	Greystar Development Services, LLC for University of Hawaii at Manoa University of Hawaii at Manoa Multi-Family Housing

H. ADDITIONAL INFORMATION

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



QUALIFICATIONS

1. THE NAME OF THE FIRM OR PERSON, THE PRINCIPAL PLACE OF BUSINESS, AND LOCATION OF ALL OF ITS OFFICES.

Bowers + Kubota Consulting (B+K) is an Employee-Owned firm providing Architectural/Engineering Design and Planning; Construction Management; and Program and Project Management services. We are committed to our mission statement of **Fulfilling Visions. Building Trust.** by utilizing our strengths, comprehensive abilities, and unique expertise to provide premier professional services for the County of Hawaii.

Our principal place of business is located on the west side of Oahu. B+K has a field office located in Hilo, Hawaii. This office houses our 12 Hilo team members and provides for a strong **boots on the ground** presence on Hawaii Island and an easy reach to the County's projects.

Our Team has the full support of our main office in Waipahu and satellite offices on Oahu (Kalihi), Maui and Kauai.

OFFICE LOCATIONS:

Main Office (Waipahu) - Oahu
Satellite Office (Kalihi) - Oahu
Satellite Offices - Maui, Kauai, and
Hawaii Island
Field Office - Molokai

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

B+K has been providing quality service to our clients for the past 44 years. Our strength is in our employees and we have over 256 dedicated team members providing expertise in the areas of A/E design, construction management and project management services. Over the past 5 years, the average number of employees has been 245 total staff, including nine principals.

3. THE EDUCATION, TRAINING, AND QUALIFICATIONS OF KEY MEMBERS OF THE FIRM.

We truly believe in the strength of our team. A strong team with a motivating team leader has the drive and commitment to deliver projects as promised. A strong team creates a contagious synergy that generates the motivation to move beyond standard solutions. A strong team engages in out-of-the-box thinking to transform an initial thought into an idea, from which appropriate design and construction solutions are created. This process is fluid and continuous and is unconstrained by rules and limitations.

We have a strong team. The most important aspect of our architectural, civil, electrical engineering; project management, program management, and construction management services is our Team. B+K has thoughtfully assembled a highly qualified and dedicated group of professionals who will provide the necessary services to the County for anticipated projects. Our team was handpicked and represents the best of the best. All members bring a refined depth of relevant experience and remain committed to exceeding the expectations of the County. The following matrix represents the education, training, and qualifications of our key personnel firm wide.

H. ADDITIONAL INFORMATION

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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			
ARCHITECTURAL DESIGN						
Hae-Dong Lee, AIA, NCDIQ, LEED AP, MBA	Principal Architect	HI/GA	Architect	18	MBA/BA	NCDIQ, LEED AP
Chad Okinaka, AIA, LEED AP	Architecture Manager	HI	Architect	35	BA	LEED AP
Wesley Ujimori, RA	Project Manager	CA	Architect	44	BA	
Dean Ichiyama, AIA	Senior Project Architect	HI	Architect	37	BA	CSI
Aaron Ackerman, LEED AP	Sustainability Team Leader/Project Architect		N/A	20	BA	LEED AP
Robyn Ebisui, D. Arch, ASID, LEED AP	Interior Designer		N/A	15	DArch/BA	ASID, LEED AP
Julius G. Vergabera	Project Architect		N/A	15	AS	
Anna Sakata	Project Architect		N/A	36	BS	
Landon Hamada, D. Arch	Project Designer		N/A	8	DArch/BA	
LANDSCAPE ARCHITECTURAL DESIGN						
Brad Tanimura, PLA, ASLA, CLARB	Landscape Architecture Manager	HI	Landscape Architect	24	BLA	CLARB
Michael Garris, PLA, ASLA, ULI, LEED AP	Landscape Project Manager	HI	Landscape Architect	37	BLA	LEED AP
Tomoko Naka, PLA, ASLA, ESCPC, CWPPP, LEED GA, LEED AP BD+C	Senior Landscape Architect	HI	Landscape Architect	20	AS	LEED GA, LEED AP BD+C
Kelsey Wai, PLA, ASLA, NRPA, CLARB	Junior Landscape Designer		N/A	6	BLA	CLARB
Lance Keliiaa, ASLA	Senior Landscape Designer		N/A	35	AS	
Christopher Billete, ASLA	Junior Landscape Designer		N/A	23	AS	
PLANNING						
Jared Chang, AICP	Planning Manager / Senior Project Planner		N/A	18	BA	AICP
Ronald Sato, AICP	Senior Project Manager/Senior Planner		N/A	34	BS / MA	AICP
Carah Kadota, AICP	Assistant Planning Project Manager		N/A	8	BEnvD	AICP
Matthew Fernandez	Planner		N/A	4	MS / BS	
Ty Shiramizu, AICP	Planner		N/A	2	MURP/BA	AICP
Malachi Krishok	Planner		N/A	9	MURP//BA	
Amy Yamakawa	Graphic Designer		N/A	35	BS	

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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			
CIVIL AND ENVIRONMENTAL DESIGN						
Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CESCOP, CWPPP, ESCPC, LEED AP	Principal Civil Engineer	HI	Civil	31	BS/BA	BCEE, CFM, CPSWQ, ESCPC, CPESC, CWPPP, CESCOP, LEED AP
Michael S. Nishimura, PE, ESCPC, CWPPP, CESCOP, LEED AP	Senior Project Manager	HI/CA/GU/CNMI	Civil	26	BS	ESCPC, CWPPP, CESCOP, LEED AP
Lindsay Nakashima, PE, CWPPP, CESCOP, MBA	Senior Project Manager	HI	Civil	22	MBA/BS	CWPPP, CESCOP, MBA
David Bills, PE, CWPPP	Senior Project Manager	HI	Civil	48	MS/BS	CWPPP
Cary Kondo, PE, CWPPP, CESCOP	Senior Project Manager	HI	Civil	48	MS/BS	CWPPP, CESCOP
Nicolo “Nick” Orense, PE, CWPPP, CESCOP, LEED AP	Senior Project Manager	HI/CA	Civil	40	BS	CWPPP, CESCOP, LEED AP
Trina Onuma, PE, CWPPP, LEED AP, CESCOP, MBA	Senior Project Manager	HI	Civil	41	MBA/BS	CWPPP, CESCOP, LEED AP
Jeremy Michelson, PE, PMP, CPESC, CWPPP, CESCOP	Senior Project Manager	HI	Civil	28	BS	PMP, CPESC, CWPPP, CESCOP
Eric Tamashiro PE, CWPPP, ESCPC, CESCOP, LEED AP	Senior Project Manager	HI	Civil	30	BS	CWPPP, ESCPC, CESCOP, LEED AP
Harold Pascua, PE, CWPPP, CESCOP	Project Manager	HI	Civil	22	BS	CWPPP, CESCOP
Kristen Yoshida, PE, CPESC, CPSWQ, CWPPP, CESCOP	Project Manager	HI	Civil	12	MS/BS	CPESC, CPSWQ, CWPPP, CESCOP
Karen Bates, PE, CWPPP, CESCOP	Project Manager	HI	Civil	29	BS	CWPPP, CESCOP
Justin Privett, PE, CWPPP, CESCOP	Senior Civil Engineer	HI	Civil	18	BS	CWPPP, CESCOP
Patricia Cabus, PE, CWPPP, CESCOP	Civil Engineer	HI	Civil	6	BS	CWPPP, CESCOP
Carolyn Len, ESCPC, LEED AP	Civil Designer			32	BS	ESCPC, LEED AP
Eric Torrate, CFM, ESCPC	Civil Designer				AS	ESCPC
Cleto “Clay” Patoc, ESCPC	Civil Designer				BS/AS	ESCPC
Albert Rivera	CADD Manager/UAS Pilot			33	AS	UAS Remote Pilot Certified
ELECTRICAL DESIGN						
Brian Itozaki, PE, LEED AP	Electrical Engineering Senior Manager	HI	Electrical	33	BS	LEED AP
Nicholas Enomoto	Electrical Engineer		N/A	19	BS	
Jeffrey Basallo	Electrical Engineer		N/A	18	BS	
Albert Amin, PE	Electrical Engineer	NY	Electrical	8	BS	
Kiyoshi Hashida	Electrical Engineer			2	BS	
Alika Guillermo	Electrical CAD Operator		N/A	2	BA	
Alan Cardona	Electrical CAD Operator		N/A	25	BA	
Kacie Nakamura	Electrical CAD Operator		N/A	9	BS	

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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			
CONSTRUCTION MANAGEMENT						
*Michael Lum, PE	Project Manager	HI	Civil	36	BS	HDOT Certified Soils & Aggregates, & Bituminous Unit, ACI Concrete Field Testing Technician - Grade I (ACI - Grade I)
Todd Niemann, CCM	Construction Manager			40	BS	Certified Construction Manager
Eric Iwamoto, PE, CCM, LEED AP	Construction Manager	HI	Civil	35	BS	Certified Construction Manager, LEED AP
Dan Keeley, CCM, CISEC	Construction Manager		N/A	25	BS	Certified Construction Manager, CISEC
Donald “Tony” Jones, PE, PMP, CISEC	Construction Manager	HI	Civil	29	ME/BS	PMP, CISEC
Benn Torigoe, CCM, LEED AP	Construction Manager		N/A	30	BS	Certified Construction Manager, LEED AP
Jeffrey Martina, CCM	Construction Manager		N/A	16	BS	Certified Construction Manager
*Brandon Bautista, CISEC	Project Engineer		N/A	11	BS	CISEC
*Levi Anderson	Project Engineer		N/A	9	BS	HDOT Certified for Bituminous Unit, ACI-Grade 1
Robertson “Phil” Goodman	Process Industrial Controls Specialist		N/A	50		
Jordan Vande Brake	Process Industrial Controls Specialist		N/A	15	AS	
Jeffrey Chuck, EIT, CCM, PSP, LEED AP	Project Controls / Scheduling		N/A	28	BS	Certified Construction Manager, AACE International Planning and Scheduling Professional
Michelle Perez	Project Controls / Scheduling		N/A	17	BA	
*Chad Carter	Inspector		N/A	19	AS	HDOT Certified for Bituminous Unit, ACI - Grade 1, ICC Reinforced Concrete Special Inspector
*Derk Hunter	Project / Special Inspector		N/A	35	BS	HDOT Certified for Bituminous, and Soils and Aggregates Unit, ACI-Grade 1
*Marc Maloney, CCM	Project / Special Inspector		N/A	13	AS	HDOT Certified for Bituminous, and Soils and Aggregates Unit, ACI-Grade 1
*Joanne Haia	Inspector		N/A	20		HDOT Certified for Bituminous, and Soils and Aggregates Unit
*Cory Aukai	Inspector			6		

***Hawaii Island Resident**

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4. A LIST OF RECENT PROJECTS AND THE NAMES OF UP TO FIVE CLIENTS WHO MAY BE CONTACTED, INCLUDING AT LEAST TWO FOR WHOM SERVICES WERE RENDERED DURING THE PRECEDING YEAR.

REFERENCES	RECENT PROJECTS
Mr. Randall Wakumoto, Branch Head City and County of Honolulu, Department of Facility Maintenance Telephone No. (808) 768-3242	NPDES MS4 Retrofit Structural BMP Improvements Program, Honolulu, HI (ongoing)
Mr. Alexander Kalawe, Project Manager County of Hawaii, Dept. of Public Works Telephone No. (808) 961-8321	Engineering Services Waikoloa Road / Paniolo Drive Roundabout, Waikoloa, HI (ongoing)
Mr. Paul Christensen, Project Manager City and County of Honolulu, Department of Design and Construction Telephone No. (808) 768-8800	Environmental Support Facilities Honouliuli Wastewater Treatment Plant, Ewa, HI (2021)
Mr. William H. Makanui, HMP Engineer State of Hawaii, Department of Transportation, Harbors Telephone No. (808) 586-2525	State Department of Transportation - Harbors (DOT-H), Kapalama Container Terminal Wharf and Dredging, Honolulu, HI (Ongoing)
Mr. Neil Hasegawa, Design Manager NAVFACSCOM Hawaii (808) 475-2258	FY21 Special Project RM 17-1635 Repair Roads and Erosion Control (2021)

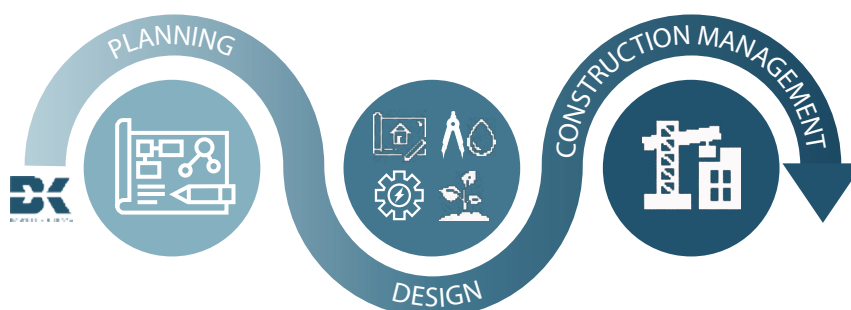
5. ANY PROMOTIONAL OR DESCRIPTIVE LITERATURE WHICH THE FIRM DESIRES TO SUBMIT.**Why B+K?**

Bowers + Kubota takes pride in being forward-looking and having innovative experts and leaders who perform at their best. We help our clients succeed through collaboration, careful cost management, and high levels of quality and value maintained on every project, large or small. By closely listening to our clients and understanding their needs, we deliver customized solutions in a flexible and responsive manner. We respect our people, our partners, and our planet. 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 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.

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



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- **Cooperation** - The B+K Team will integrate with the County of Hawaii to create an atmosphere of teamwork and leadership for successfully meeting the goals of the program. This “**TEAM** - **T**ogether **E**veryone **A**chieves **M**ore” approach and attitude will extend to the project managers and design team will make the County 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 the County’s goals.
- **Communication** - Communication is the lifeblood of any program. We will keep the County 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.
- **Commitment to Excellence** - B+K is extremely proud of our 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 clients’ needs and performing projects successfully. B+K will remain committed to providing **QUALITY** and **BEST VALUE** services throughout all contracts we work on for the County.

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 Deltek as its accounting system 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.

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FIRM SERVICES



Architecture

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.

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

The project types with the DOE contract 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 the DOE 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.

The example above exemplified the level of architectural design service we promote. We are not limited to certain aspects of the project delivery. Our architecture group is able to provide 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 provide a partner to our client.

Our architecture group brings innovations from the major national conferences, such as World of Modular, American Correction 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 our home state. For example, some of the recent conferences allowed us to help the DOE reinvent their classroom replacement by utilizing modular construction for more rapid, yet controlled, deployment.

ARCHITECTURAL CAPABILITIES

- BUILDING/INTERIOR DESIGN
- BUILDING RENOVATION
- LANDSCAPE ARCHITECTURE
- VALUE ENGINEERING
- SPACE PLANNING
- BUILDING INFORMATION MODELING (BIM)
- CONSTRUCTION DOCUMENTATION/ADMIN
- BUDGET AND COST ESTIMATION
- PROJECT SPECIFICATIONS
- DESIGN-BUILD
- BUILDING ASSESSMENTS
- DESIGN MANAGEMENT
- CAD

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 services into four main business lines:

- General Site Design
- Roadways and Highways
- 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 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
- 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 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,

CIVIL & ENVIRONMENTAL ENGINEERING CAPABILITIES

- DUE DILIGENCE STUDIES AND PROPERTY CONDITION ASSESSMENTS
- INFRASTRUCTURE PLANNING AND DESIGN
- SITE DEVELOPMENT
- GRADING
- UTILITY DESIGN (WATER, WASTEWATER, AND DRAINAGE)
- ROADWAYS AND PARKING
- ADA DESIGN AND BARRIER REMOVAL
- BICYCLE LANES
- COMPLETE STREETS / GREEN STREETS
- LOW IMPACT DEVELOPMENT/SUSTAINABLE SITE DESIGN
- OPINIONS OF PROBABLE CONSTRUCTION COSTS
- BIDDING SERVICES
- CONTRACT ADMINISTRATION
- PLAN CHECKING/PEER REVIEW
- PERMITTING SERVICES, INCLUDING NPDES AND UIC PERMITS
- SPILL PREVENTION, CONTROL, AND COUNTERMEASURES (SPCC) PLANS
- ENVIRONMENTAL COMPLIANCE AND MANAGEMENT SERVICES
- WATER QUALITY (STORMWATER AND GROUNDWATER) AND WATER RESOURCES ENGINEERING
- WATER TREATMENT AND STORAGE
- WASTEWATER TREATMENT, INCLUDING INDIVIDUAL WASTEWATER SYSTEMS
- SOLID WASTE STUDIES
- UNCREWED AERIAL SYSTEM (DRONE) SURVEYS
- AIRFIELD PROJECTS
- ANTITERRORISM AND PHYSICAL SECURITY

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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
- 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's 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 projects 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

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- Wastewater treatment system optimization studies
- Operation and maintenance manuals
- Training of water and wastewater operators

One aspect of our civil and environmental 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.

Electrical Engineering

B+K electrical group has been providing quality electrical designs in the State of Hawaii for over 30 years, formally known as Ho & Okita and H&O-III, before merging with Bowers + Kubota. With projects ranging from renovations to

ELECTRICAL ENGINEERING CAPABILITIES

- ELECTRICAL ENGINEERING DESIGN
- TELECOMMUNICATIONS ENGINEERING DESIGN
- ILLUMINATION ENGINEERING DESIGN
- FIRE ALARM DESIGN
- UTILITY COMPANY COORDINATION
- COST ESTIMATING/COST ANALYSIS
- CONSTRUCTION DOCUMENTATION
- BIDDING AND PERMITTING SERVICES
- DUE DILIGENCE/EXISTING CONDITIONS SURVEY
- CONTRACT ADMINISTRATION

new buildings and covering services, site distribution, electrical, lighting, fire alarm, telecom infrastructure work, we've worked with all sectors of the construction industry, including commercial, city, county, state and federal branches. Our longevity is based on our work ethic. All projects are approached with three goals: Providing a design that can be built, providing a design that is on time and providing a design 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 the 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 in 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 our 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 striving to improve our quality of work so we can provide our clients with the highest quality designs and technical support.

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

CONSTRUCTION MANAGEMENT CAPABILITIES

- PROJECT SCHEDULING AND TRACKING
- COST CONTROL & ESTIMATING
- CLAIM ANALYSIS AND AVOIDANCE
- QUALITY CONTROL
- CONSTRUCTABILITY REVIEWS
- VALUE ENGINEERING
- CONSTRUCTION BID MANAGEMENT AND EVALUATION
- CONSTRUCTION PLANNING AND COORDINATION
- CONSTRUCTION INSPECTION
- PROGRESS REPORTS
- PROJECT COMMISSIONING
- PROJECT DOCUMENTATION

H. ADDITIONAL INFORMATION

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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.

Landscape Architecture

LANDSCAPE ARCHITECTURE CAPABILITIES

- LANDSCAPE PLANNING AND DESIGN
- EXTERIOR HARDSCAPE
- PLANTING AND IRRIGATION
- LANDSCAPE MAINTENANCE AND REMEDIAL PROGRAMMING
- LEED AND LOW IMPACT DEVELOPMENT STRATEGIES
- STREETSCAPES
- URBAN DESIGN

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.

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

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 Hawaii Revised Statutes and local zoning codes.

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Demonstrated capability includes:

- 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 (Waiale 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, Kaunualii Highway Feasibility Assessment)

COMMUNITY PLANNING CAPABILITIES

- MASTER PLANNING
- TRANSPORTATION PLANNING
- INFRASTRUCTURE AND FACILITIES PLANNING
- ENTITLEMENTS AND LAND USE PERMITS
- FEDERAL (NEPA) AND STATE (HEPA) ENVIRONMENTAL COMPLIANCE (EA/EIS)
- GRANT FUNDING ASSISTANCE
- ALTERNATIVES EVALUATION AND SITE ANALYSIS
- COMMUNITY AND REGIONAL PLANS
- COMMUNITY OUTREACH AND FACILITATION
- CLIMATE ADAPTATION AND RESILIENCE PLANNING
- FEASIBILITY AND DUE DILIGENCE
- HOUSING, MARKET, AND ECONOMIC STUDIES
- TECHNICAL ANALYSIS AND EVALUATION
- GIS AND GEOSPATIAL ANALYSIS
- LAND USE ENTITLEMENTS
- ENVIRONMENTAL IMPACT STATEMENT

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.

Community Planning

B+K's planning group recently completed two community planning efforts in Maui. The South Maui Community Plan update consisted of future studies on housing, climate change, and culture. Demographic and population forecasts were used to identify South Maui infrastructure and economic needs for the year 2040. Regional Housing Plans for West, South and Central Maui were completed in 2023 for the Hawaii Community Foundation's House Maui program.

Specialty Services

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

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Resilient Design: Addressing climate change through adaptive design is integrated into our daily work to manage risk and strengthen transportation system resilience and operations via short-, mid-, and long-term solutions. For an upcoming HDOT project on Kauai, we are exploring shoreline solutions by conducting king tide flood frequency, sea level rise, and wave inundation modeling. *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.*

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 County of Honolulu 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. 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 Kapalama 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.

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COMMITMENT TO EXCELLENCE

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. 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 2023 **Top 50 Construction Management Firms, #35 Nationally.**
- Ranked in Architectural Record Magazine's **Top 300 U.S. Architecture Firms of 2023, #283 Nationally.**
- Awarded in 2008 – 2024 as one of Hawaii's "**Best Places to Work.**" (#1 Best Place to Work in 2009, 2011 – 2013, 2015, 2022-2024)
- 2010 – 2023 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 22 years (available upon request).

One of the best measurements of B+K's performance is the owner's satisfaction. Please refer to **Appendix A** 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 28, 2024

33. NAME AND TITLE

Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC, CESCPC, LEED AP, Principal-In-Charge

ARCHITECT-ENGINEER QUALIFICATIONS			1. SOLICITATION NUMBER <i>(If any)</i>	
			RD.2) Community Planning (Grant Writer)	
PART II – GENERAL QUALIFICATIONS <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>				
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 Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC, CESCPP, LEED AP Principal-in-Charge			7. NAME OF FIRM (IF BLOCK 2A IS A BRANCH OFFICE)	
6b. TELEPHONE NUMBER 808 836-7787	6c. E-MAIL ADDRESS jstone@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 <i>(see below)</i>
		(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 <i>(Insert revenue index number shown at right)</i>		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
c. Total Work	9	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		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 <i>The foregoing is a statement of facts.</i>	
a. SIGNATURE 	b. DATE June 28, 2024
c. NAME AND TITLE Jay Stone, PE, BCEE, CFM, CPESC, CPSWQ, CWPPP, ESCPC, CESCPP, LEED AP Principal-in-Charge	



APPENDIX A:

AWARDS AND CLIENT EVALUATIONS

APPENDIX B:
PROFESSIONAL LICENSES



BOWERS + KUBOTA

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