

County of Hawai'i Housing and Community Development



Statement of Qualifications: OH.4) Community Planning (Environmental Assessment)

June 2023



Prepared for:
County of Hawai'i
Housing and Community Development
50 Wailuku Drive
Hilo, Hawai'i 96720



Prepared by:
The Limtiaco Consulting Group, Inc.
1622 Kananui Street
Honolulu, Hawai'i 96817



THE LIMTIACO CONSULTING GROUP
CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS

June 29, 2023

Ms. Susan Kunz, Administrator
Housing and Community Development
County of Hawai'i
1990 Kino'ole Street, Suite 102
Hilo, Hawai'i 96720

Re: Notice to Providers of Professional Services

Dear Ms. Kunz:

The Limtiaco Consulting Group, Inc. (TLCG) would like to be considered for providing professional services related to projects within:

- **Category OH.4) Community Planning (Environmental Assessment)**

A completed Federal Standard Form 330 describing our firm's capabilities is provided. Included is a list of five references of previous clients who can be contacted for an evaluation of our professional experience and past performance.

We appreciate the opportunity to submit our firm's qualifications and this letter of interest. We look forward to the selection process and would like to take this opportunity to wish you and your staff success in the completion of your Capital Improvement Projects for this fiscal year and subsequent years. If there are any questions or if additional information is required, please do not hesitate to call us at (808) 596-7790.

Very truly yours,
The Limtiaco Consulting Group, Inc.

Ian Y. Arakaki, P.E.
Principal
thegroup@tlcghawaii.com

ARCHITECT – ENGINEER QUALIFICATIONS

PART I – CONTRACT SPECIFIC QUALIFICATIONS

A. CONTRACT INFORMATION

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

County of Hawai'i, Housing and Community Development

2. PUBLIC NOTICE DATE

June 1, 2023

3. SOLICITATION OR PROJECT NUMBER

23-24

B. ARCHITECT – ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Ian Arakaki, P.E, Principal

5. NAME OF FIRM

The Limtiaco Consulting Group, Inc.

6. TELEPHONE NUMBER

(808) 596-7790

7. FAX NUMBER

8. E-MAIL ADDRESS

thegroup@tlcgohawaii.com

C. PROPOSED TEAM

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

	<i>(Check)</i>			9. FIRM NAME <input type="checkbox"/> CHECK IF BRANCH OFFICE	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCON-TRACTOR			
a.	X			The Limtiaco Consulting Group, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	1622 Kakanui Street Honolulu, Hawai'i 96817	Civil Engineering
b.			X	PBR Hawai'i, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	Pacific Tower, Suite 650 1001 Bishop Street Honolulu, Hawai'i 96813	Land/Environmental Planning
c.			X	EnviroServices & Training Center, LLC <input type="checkbox"/> CHECK IF BRANCH OFFICE	505 Ward Avenue, Suite 202 Honolulu, Hawai'i 96814	Environmental Planning, Hazardous Materials Management
d.			X	Cultural Surveys Hawai'i, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	P.O. Box 1114 Kailua, Hawai'i 96734	Archaeology
e.			X	Pacific Consulting Services, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	720 Iwilei Road, Suite 424 Honolulu, Hawai'i 96817	Archaeology
f.			X	AECOS, Inc. <input type="checkbox"/> CHECK IF BRANCH OFFICE	45-939 Kamehameha Hwy, Suite 104 Kane'ohe, Hawai'i 96744	Biological Reconnaissance, Water Quality Investigations

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

[X] *(Attached)*



THE LIMTIACO CONSULTING GROUP
CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS

ENVIRONMENTAL ENGINEERING TEAM

Ian Arakaki, P.E., Principal-in-Charge
Jason Lau, P.E., LEED AP, Principal Engineer
Jason Nakata, P.E., Environmental Planner
Claire Oshiro, Environmental Planner
Jenny Bernier, Environmental Planner

SUBCONSULTANTS

Land Planning/Environmental Planning
PBR Hawai'i, Inc.

Environmental Planning/Hazardous Materials Management
EnviroServices & Training Center, LLC

Archaeology
Cultural Surveys Hawai'i, Inc.
Pacific Consulting Services, Inc.

Biological Reconnaissance/Water Quality Investigations
AECOS, Inc.

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ian Arakaki, P.E., CCM	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 27	b. WITH CURRENT FIRM 21
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i			
16. EDUCATION <i>(Degree and Specialization)</i> BS/1996/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> HAWAI'I 2001/Civil Engineering (No. 10291) HAWAI'I 2013/CMAA Certified Construction Manager (No. 2737) HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification HAWAI'I 2022/CISEC Certified Inspector of Sediment and Erosion Control		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i American Society of Civil Engineers – Board of Directors, Past President, 2009-2015 American Water Works Association Construction Management Association of America Hawai'i Water Environment Association Water Environment Federation			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION <i>(City and State)</i> Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge responsible for providing technical engineering services to assist the City and County of Honolulu, Department of Environmental Services – Division of Wastewater Engineering and Construction in project management; construction management; and coordination of planning, design, and construction activities. Responsible for construction management services including conducting jobsite meetings, reviewing construction submittals, monitoring the work of the contractor, resolving conflicts, and overseeing final testing and inspection.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Lead Service Line Inventory, Water Quality Study, and Related Technical Services Island-wide, O'ahu, Hawai'i	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge to assist the BWS in their efforts to bring operations in compliance with the revised EPA Lead and Copper Rule. Duties include program development and management; conducting inter-agency workshops and public outreach activities; preparation of a lead service line (LSL) inventory to identify and catalog the presence of hazardous materials in the BWS water distribution system; preparation of a list of sampling sites for each BWS water system to include residential structures, schools, and licensed child care facilities; conducting tap water sampling analysis; and development of full and partial LSL replacement plans.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Project Management Services for Security Projects Honolulu, Hawai'i	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge to assist the BWS in management of the Security Capital Improvement Program (CIP). Responsibilities include evaluation of existing physical security systems and alternatives, recommendations for optimum physical security systems (fencing, enclosures, building security), defining and prioritizing physical security CIP projects, development of a physical security CIP plan, and project management services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Kalaeloa Seawater Desalination Facility Design-Build-Operate-Maintain Ewa, O'ahu, Hawai'i	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge to assist the BWS with the development of a Request for Proposal (RFP), selection of the best-valued proposal, and execution of a Service Agreement with a DBOM contractor qualified to convert a 20-acre property into a seawater desalination facility. Duties include project coordination; development of a project strategy; assistance in preparing a Design Requirements package that will contain the specifications required to establish the design, construction, and operational performance standards for the project; and assistance with ranking offers and evaluation of proposals.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Hawai'i Kai 2016 Engineering Support Honolulu, Hawai'i	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge to provide engineering support to Hawai'i American Water on various projects throughout the Hawai'i Kai Wastewater Treatment Plant (WWTP). Responsibilities included civil planning, design, and construction administration services for the replacement of WWTP equipment, existing potable and reuse water system piping, and fencing along the property line and analysis of the collection system.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jason Lau, P.E., LEED AP	13. ROLE IN THIS CONTRACT Principal Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 31	b. WITH CURRENT FIRM 24
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i			
16. EDUCATION <i>(Degree and Specialization)</i> BS/1992/Civil Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> HAWAI'I 1997/Civil Engineering (No. 9360) HAWAI'I 2008/LEED Accredited for New Construction HAWAI'I 2023/NASSCO PACP & MACP Certification HAWAI'I 2023/CCH DPP Certified Erosion and Sediment Control Plan Preparer HAWAI'I 2023/CCH DPP Certified Water Pollution Plan Preparer HAWAI'I 2023/EnviroCert Certified Professional in Erosion and Sediment Control		
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i American Public Works Association – Board of Directors, Past President, 2009-2014 Hawai'i Water Environment Association Water Environment Federation			
19. RELEVANT PROJECTS			
a. (1) TITLE AND LOCATION <i>(City and State)</i> Kea'au Zero Waste Facility Kea'au, Hawai'i	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) N/A	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer responsible for civil design services for the development of a new zero waste facility as part of the Agribusiness Development Corporation's initiative to expand their sustainable program of converting animal waste to product biofuel. Duties included preparation of construction documents, drainage report, and Erosion Control Report; project coordination; and services during bidding and construction.	<input checked="" type="checkbox"/> Check if project performed with current firm		
b. (1) TITLE AND LOCATION <i>(City and State)</i> DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer for civil engineering and environmental planning services for MS4 Program improvements at the DOT Kahului Baseyard, including replacement of the non-operational wash rack, installation of photovoltaic systems on all existing buildings, and increasing the capacity and operational capability of the existing fueling station. Duties include civil engineering analysis for various concept designs for a wash rack system and PV equipment storage building; environmental planning services for the development of a new parking lot layout; and project coordination with subconsultants, client, and government agencies.	<input checked="" type="checkbox"/> Check if project performed with current firm		
c. (1) TITLE AND LOCATION <i>(City and State)</i> Wahiawa Reclaimed Water Irrigation System Wahiawa, Hawai'i	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer for the design of a new wastewater reclaimed water irrigation system to deliver recycled water from the Wahiawa WWTP and raw water from Wahiawa Reservoir to the existing 3MG and 10MG reservoirs and a proposed 14 MG reservoir at Galbraith Farmland. Services include civil planning and preliminary engineering services for the interconnection of Agribusiness Development Corporation open air reservoirs at Galbraith Farmland, design of 20- and 24-inch transmission pipelines and grading at proposed valve boxes, and services during bidding and construction.	<input checked="" type="checkbox"/> Check if project performed with current firm		
d. (1) TITLE AND LOCATION <i>(City and State)</i> Malaekahana State Recreation Area (SRA) – Kahuku Section, Park Improvements La'ie, Hawai'i	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) On-going	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer to provide civil planning and design services to assess the condition of seven cabins and related infrastructure improvements at Malaekahana SRA. Responsible for the preparation of a site development planning report; demolition plans and specifications of existing cabins and auxiliary facilities; construction documents and construction cost estimates for new cabins, auxiliary facilities, and utilities; project coordination; and services during bidding and construction.	<input checked="" type="checkbox"/> Check if project performed with current firm		
e. (1) TITLE AND LOCATION <i>(City and State)</i> Statewide Storm Water Management Program Statewide, Hawai'i	(2) YEAR COMPLETED		
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)	
(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer providing technical engineering services to assist the State DOT with improving the quality of stormwater runoff entering the State's drainage system. Duties include site assessment of highway embankments and drainage outfalls; selection of temporary and permanent Best Management Practices (BMPs) to minimize erosion and to capture sediment and debris; preparation of construction plans, specifications, cost estimates and applicable State and Federal permits; preparation of drainage and soil loss calculations; parcel mapping; and coordination with utility companies, public agencies, and adjacent land owners.	<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jason Nakata, P.E.	13. ROLE IN THIS CONTRACT Environmental Planner	14. YEARS EXPERIENCE	
		a. TOTAL 15	b. WITH CURRENT FIRM 15
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i			
16. EDUCATION <i>(Degree and Specialization)</i> BS/2008/Civil Engineering MBA/2017/Business Administration		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> HAWAI'I 2017/Civil Engineering (No. 17843)	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i American Planning Association American Society of Civil Engineers			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	(1) TITLE AND LOCATION <i>(City and State)</i> P&E Work for Waiawa 228 Reservoirs Environmental Assessment Waipahu, Hawai'i	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner responsible for the preparation of an Environmental Assessment (EA) and Public Infrastructure Map (PIM) for three proposed reservoirs (8.5 MGD total capacity), 30-inch influent main, 30-inch effluent main, access road, and appurtenances in the Waiawa Ridge to improve operational ability to convey water from the 228' system to the Honolulu 180' System 42-inch main. Project duties include preparing all necessary Environmental Clearances including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final EA; preparing a PIM Revision Application, inclusive of consultation with agencies, civic groups, and individuals; attendance at public informational meetings; and project management services.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Mana Drag Racing Strip, Phase 2 Improvements Waimea, Kaua'i	2016	2018
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the installation of new permanent electrical infrastructure for street lights on the Mana Drag Racing Strip. Responsible for preparing a Final Environmental Assessment (2016) in accordance with HRS Chapter 343; preparing construction plans, specifications, and cost estimate; and obtaining necessary permit applications and exemptions including NPDES, NOI Form C, Shoreline Setback Determination Application, Special Management Area Minor Permit, and Conservation District Use Permit Site Plan Approval.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> Preliminary Engineering Study and Environmental Assessment for 'Aina Haina Reservoir No. 2 Honolulu, Hawai'i	2016	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner to determine the suitability of the remaining land area within the Board of Water Supply's 'Aina Haina Reservoir No. 1 and Booster Station property to site a second 0.5 million gallon reservoir. Responsible for the preparation of the Preliminary Engineering Study and preparation of a Final Environmental Assessment (2016) in accordance with HRS Chapter 343. Duties included conducting a visual impact evaluation from the affected public viewpoints, identifying permit requirements, preparing cost estimates and project timelines, overseeing the soils survey and structural analysis, and attending Neighborhood Board meetings.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> Statewide Storm Water Management Program – Environmental Assessment for Kakoi Base Yard Improvements Honolulu, Hawai'i	2014	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner responsible for the preparation of an Environmental Assessment (EA), pursuant to HRS Chapter 343, for the proposed O'ahu District Office Base Yard Canopy Extension and Maintenance Storage Building project. Project duties encompass all facets of the EA process, including agency consultation and public outreach, preparation and publication of the Draft and Final EA, and identifying applicable permits required for the project. The Final EA was published in 2014.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> Kalaeloa Seawater Desalination Facility Design-Build-Operate- Maintain Ewa, O'ahu, Hawai'i	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner to assist the BWS with the development of a Request for Proposal (RFP), selection of the best-valued proposal, and execution of a Service Agreement with a DBOM contractor qualified to convert a 20-acre property into a seawater desalination facility. Duties include coordination with the BWS and permitting agencies to develop a permitting approach (HRS Chapter 343, SHPD, SMA, County Zoning, Water Use Permit, HECO coordination), preparation of an UIC Well Status Report, water sampling coordination, and confirming required permits and preparing a schedule of agency coordination meetings for non-DBOM permit activities consistent with the permit strategy.	<input checked="" type="checkbox"/> Check if project performed with current firm	

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Claire Oshiro	13. ROLE IN THIS CONTRACT Environmental Planner	14. YEARS EXPERIENCE	
		a. TOTAL 25	b. WITH CURRENT FIRM 10
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i			
16. EDUCATION <i>(Degree and Specialization)</i> BA/1992/General Arts and Architecture		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i National Association of Environmental Professionals			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	New Administration and Base Yard Facility in West Hawai'i for DLNR West Hawai'i, Hawai'i	2021	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the preparation of a Final Environmental Assessment (2021) in accordance with HRS Chapter 343 for a new facility in West Hawai'i to house staff administrative offices and base yard services for DLNR.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Kea'au Zero Waste Facility Kea'au, Hawai'i	2018	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the development of a new zero waste facility as part of the Agribusiness Development Corporation's initiative to expand their sustainable program of converting animal waste to product biofuel. Duties included preparation of a Final Environmental Assessment (2018) in accordance with HRS Chapter 343.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Wahiawa Reclaimed Water Irrigation System Wahiawa, Hawai'i	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner to identify, evaluate, and recommend an alternative to deliver recycled water from the Wahiawa WWTP and raw water from Wahiawa Reservoir to the existing 3MG and 10MG reservoirs and a proposed 14 MG reservoir at Galbraith Farmland. Services include preparation of a Final Environmental Assessment (2022) in accordance with HRS Chapter 343 and identification of applicable permits and preparation of permit applications, including USACE permits, CWA 401 water quality certification, NPDES, CDUP, SCAP, SDWP, and Use and Right-of-Way permits or easements.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Pohoiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation Puna, Hawai'i	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner responsible for environmental planning and permitting services to excavate and dredge volcanic debris and black sand from the entrance channel and turning basin for the Pohoiki Boat Ramp. Duties include preparation of a Final Environmental Assessment in accordance with HRS Chapter 343 and identification of applicable permits and preparation of permit applications, including CWA 404 USACE permit, NPDES NOI Form C authorizing discharges of stormwater associated with construction activities and stockpiling permits, HRS 6E SHPD consultation, and Grading Permit from the County of Hawai'i.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		
	Maui Office Annex Building Wailuku, Maui	2016	2019
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner responsible for preparing the Final Environmental Assessment (2014) in accordance with HRS Chapter 343 for the replacement of an aging administration building. Project efforts included an evaluation of the existing structure and infrastructure conditions. The planning and engineering effort addressed the office space requirements for various State divisions.		
	<input checked="" type="checkbox"/> Check if project performed with current firm		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jenny Bernier	13. ROLE IN THIS CONTRACT Environmental Planner	14. YEARS EXPERIENCE	
		a. TOTAL 8	b. WITH CURRENT FIRM 5
15. FIRM NAME AND LOCATION <i>(City and State)</i> The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i			
16. EDUCATION <i>(Degree and Specialization)</i> BS/2012/Global Environmental Science		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator HAWAI'I 2022/CISEC Certified Inspector of Sediment and Erosion Control	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i			

19. RELEVANT PROJECTS

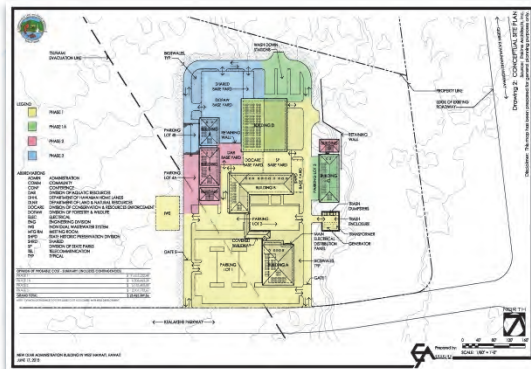
	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	New Administration and Base Yard Facility in West Hawai'i for DLNR West Hawai'i, Hawai'i	2021	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the preparation of a Final Environmental Assessment (2021) in accordance with HRS Chapter 343 for a new facility in West Hawai'i to house staff administrative offices and base yard services for DLNR.		
b.	Kea'au Zero Waste Facility Kea'au, Hawai'i	2018	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the development of a new zero waste facility as part of the Agribusiness Development Corporation's initiative to expand their sustainable program of converting animal waste to product biofuel. Duties included preparation of a Final Environmental Assessment (2018) in accordance with HRS Chapter 343.		
c.	Engineering Services for Waikupanaha Agricultural Lots Waimanalo, Hawai'i	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the development of 60 acres of Hawaiian Home Lands in Waimanalo into subsistence agricultural lots for native Hawaiian beneficiaries. Duties include preparation of a Final Environmental Assessment (2020) in accordance with HRS Chapter 343, assistance with presentations to the Waimanalo Homestead Association and Neighborhood Board, and coordination with environmental subconsultant for the Phase I Environmental Site Assessment.		
d.	DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for MS4 Program improvements at the DOT Kahului Baseyard, including replacement of the non-operational wash rack, installation of photovoltaic systems on all existing buildings, and increasing the capacity and operational capability of the existing fueling station. Duties include environmental planning services for the development of a new parking lot layout including preparation of a Final Environmental Assessment (2023) in accordance with HRS Chapter 343 and SMA Permit and coordination with subconsultants and government reviewing agencies.		
e.	Hilo Public Library – Wastewater System Improvements Hilo, Hawai'i	2020	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Environmental Planner for the replacement of the library's wastewater system including a package lift station, connections to the existing system, and pertinent electrical system improvements. Duties included obtaining permits and permit exemptions as required pursuant to the improvements, including SHPD and NHO consultation, DOFAW (195D) consultation, HRS Chapter 343 consultation and Declaration of Exemption.		

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 <i>(City and State)</i> New Administration and Base Yard Facility in West Hawai'i for DLNR West Hawai'i, Hawai'i Island	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Land and Natural Resources	b. POINT OF CONTACT NAME Mr. Fred Erskine, AIA	c. POINT OF CONTACT TELEPHONE NUMBER (808) 955-3373
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Conceptual design of new facility

Planning Fee - \$191,000

Scope

Environmental planning services for the new administration and base yard facility for the DLNR in West Hawai'i.

Relevant Project Elements

- ✓ Environmental Assessment
- ✓ Permit Applications

The DLNR is in need of consolidating a number of division services which are currently spread out in various locations throughout Hawai'i County. The DLNR envisions a new facility which will combine the staff administrative offices and base yard services into a single location.

TLCG was responsible for preparing all necessary environmental clearances, including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final Environmental Assessments (2021) in accordance with HRS Chapter 343.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance and Water Quality Investigations
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Kea'au Zero Waste Facility Kea'au, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Agribusiness Development Corporation	b. POINT OF CONTACT NAME Mr. Colyn Lee, AIA	c. POINT OF CONTACT TELEPHONE NUMBER (808) 738-7684
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Future site of the Zero Waste Conversion Facility

Planning and Design Fee - \$242,000

Scope

Preparation of an environmental assessment and civil design plans for the development of a new zero waste facility to be owned and operated by the Agribusiness Development Corporation (ADC) on Hawai'i Island.

Relevant Project Elements

√ Environmental Assessment

The zero waste facility is part of the ADC's initiative to expand their sustainable program of converting animal waste to product biofuel. The project includes construction of a new 3,000 sf pre-manufactured building with a new driveway connection, accessible parking stall, access aisle, chain link fence, manual gates, and supporting utilities (water, sewer, stormwater).

Duties included the preparation of a Final Environmental Assessment (2018) in accordance with HRS Chapter 343, including an Archaeological Inventory Survey and Cultural Impact Statement; preparation of construction drawings, technical specifications, cost estimate, drainage report, and erosion control report; preparation of NPDES permit; project coordination; and services during bidding and construction.

Project Status: Final Design submitted. Project cancelled due to insufficient funding.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Cultural Surveys Hawai'i, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kailua, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance and Water Quality Investigations
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 3
21. TITLE AND LOCATION <i>(City and State)</i> Pohoiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation Puna, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Land and Natural Resources	b. POINT OF CONTACT NAME Mr. Finn McCall, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-3250
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Volcanic debris from the 2018 eruption land-locked the State-operated Pohoiki Boat Ramp

Planning and Design Fee - \$734,000

Scope

Environmental planning and permitting, design, and public outreach services for the dredging of volcanic debris surrounding the Division of Boating and Ocean Recreation's (DOBOR) Pohoiki Boat Ramp in the Puna District.

Relevant Project Elements

- √ Public Outreach √ Feasibility Study and Analysis
- √ Permit Applications √ Environmental Assessment

Due to the 2018 Kilauea Lower East Rift Zone volcanic eruption, ocean access was cut off from the Puna District causing substantial financial hardship to the local Puna community. TLCG is responsible for providing community outreach, environmental planning and permitting, and design services to excavate and dredge volcanic debris and black sand from the entrance channel and turning basin for the Pohoiki Boat Ramp.

Public Outreach

TLCG will provide continuous public outreach services throughout the duration of the project with key stakeholders, including State and County elected officials, community groups, and residents. Various community group meetings will be conducted and incorporation of the group's concerns into the design will be analyzed and considered.

Planning

TLCG was responsible for developing a Pre-Design Letter Report with recommendations for dredging limits and depths, proposed hazard mitigation for erosion control, confirmation of all required permits and agency approvals, engineering analysis, and construction cost estimate.

Environmental Permitting

TLCG is responsible for the preparation of all necessary environmental clearances associated with the preparation, assimilation, and publication of the Final Environmental Assessment in accordance with HRS Chapter 343. The following permit applications and exemptions will also be obtained for this project:

- Clean Water Act (CWA) 404 U.S. Army Corps of Engineers (USACE) permit
- NPDES, NOI Form C, authorizing discharges of stormwater associated with construction activities and stockpiling permits
- HRS 6E SHPD consultation
- Grading Permit from the County of Hawai'i

Design

Design services include preparation of construction documents for the selected alternative, project coordination, and services during bidding and construction.

Project Status: Final Planning Report and Preliminary Design submitted.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Cultural Surveys Hawai'i, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kailua, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance and Water Quality Investigations
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER 4
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21. TITLE AND LOCATION <i>(City and State)</i> P&E Work for Waiawa 228 Reservoirs Environmental Assessment Waipahu, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Board of Water Supply City and County of Honolulu	b. POINT OF CONTACT NAME Mr. Christopher Sugimoto	c. POINT OF CONTACT TELEPHONE NUMBER (808) 748-5945

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



Conceptual layout of new reservoirs

Planning Fee - \$400,000

Scope

Preparation of all necessary Environmental Clearances including related technical work associated with the preparation, assimilation, and publication of an Environmental Assessment (EA) and Public Infrastructure Map (PIM) for three proposed reservoirs in the Waiawa Ridge area.

Relevant Project Elements

- √ Project Management
- √ Environmental Assessment
- √ Public Meetings and Outreach

The Honolulu Board of Water Supply (BWS) proposes to install three reservoirs (8.5 MGD total capacity); 3,700 linear feet (LF) of 30-inch influent main; 3,700 LF of 30-inch effluent main; 3,700 LF of 12-foot-wide asphaltic concrete access road; and drainage, landscaping, utilities, and other appurtenances in the Waiawa Ridge area to improve operational ability to convey water from the 228' system to the Honolulu 180' System 42-inch main.

Project Management

Project management services for the duration of the project include communication and coordination with BWS, scheduling, budget tracking, invoicing, preparation of monthly status reports, and meeting with BWS to coordinate planning alternatives.

Environmental Assessment

TLCG is responsible for the preparation of all necessary environmental clearances, including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final Environmental Assessments in accordance with HRS Chapter 343.

PIM Application

TLCG will prepare a PIM Revision Application for the new reservoir facility in accordance with City and County of Honolulu PIM requirements, inclusive of consultation with agencies, civic groups, and individuals. Assistance at public informational meetings will also be required, including a Neighborhood Board meeting and PIM presentation.

Project Status: Preliminary Draft Environmental Assessment submitted.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Cultural Surveys Hawai'i, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kailua, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance, Water Quality Investigations
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Transportation – Highways Div	b. POINT OF CONTACT NAME Mr. Brant Tanaka	c. POINT OF CONTACT TELEPHONE NUMBER (808) 839-7222
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Existing fueling station

Planning and Design Fee - \$255,000

Scope

Civil engineering and environmental planning services to make various MS4 Program improvements at the DOT Kahului Baseyard.

Relevant Project Elements

- ✓ Feasibility Study and Analysis
- ✓ Permit Applications
- ✓ Environmental Assessment

TLCG is providing civil engineering and environmental planning services for MS4 Program improvements at the DOT Kahului Baseyard, including replacement of the existing non-operational wash rack, installation of photovoltaic systems on all existing buildings, and increasing the capacity and operational capability of the existing fueling station.

Duties included civil engineering analysis (including site layout, traffic flow, sewer, and drainage) for various concept designs for a wash rack system to wash DOT vehicles (trailers and large construction equipment) and a PV equipment storage building. Environmental planning services for the development of a new parking lot layout included preparation of an Environmental

Assessment (EA) in accordance with HRS Chapter 343 and SMA Permit (SM1), and project coordination with subconsultants, client, and government agencies. The Final EA was published in 2023.

The selected planned improvements include electrical upgrades and replacement of two existing fuel tanks with aboveground fuel storage tanks. Design services include preparation of construction drawings, technical specifications, and opinion of probable cost; coordination with design team; and services during bidding and construction.

Project Status: Pre-Final Design submitted.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	AECOS, Inc.	Kane'ohe, Hawai'i	Biological Reconnaissance, Water Quality Investigations
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Engineering Services for Waikupanaha Agricultural Lots Waimanalo, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawai'i Department of Hawaiian Home Lands	b. POINT OF CONTACT NAME Mr. Darrell Ing, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 620-9276

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



Aerial view of project site

Planning and Design Fee - \$2,033,000

Scope

Development of 60 acres of Hawaiian Home Lands in Waimanalo into subsistence agricultural lots for native Hawaiian beneficiaries.

Relevant Project Elements

- ✓ Feasibility Study and Analysis
- ✓ Environmental Assessment
- ✓ Public Meetings and Outreach

The project area had previously been subdivided into five lots and is currently being utilized primarily for stabling activities. TLCG is responsible for consolidating existing parcels and re-subdividing them into subsistence agricultural lots.

Planning

TLCG is currently investigating the feasibility of developing the recently-acquired Wong Farm parcel as one alternative. Duties include environmental planning and research, utility research and analysis, preparation of preliminary site layouts and construction cost estimates, Preliminary Analysis Report preparation, project coordination, and community outreach efforts including participation in community meetings and beneficiary discussions.

Environmental Permitting

TLCG was responsible for the preparation of all necessary environmental clearances associated with the preparation, assimilation, and publication of the Final Environmental

Assessment (2020) in accordance with HRS Chapter 343. The project scope also included assistance with presentations to the Waimanalo Homestead Association and Neighborhood Board and overseeing the preparation of a Phase I Environmental Site Assessment by our environmental subconsultant.

Design

Design includes conceptual design options for subdivision layout, utility plan (water, wastewater drainage, electrical, communication, and roadway), mass grading plan, and street improvements to address pedestrian safety concerns. Services include preparation of construction drawings, technical specifications, and cost estimate; preparation of NPDES permit; project coordination; and services during bidding and construction.

Project Status: Final EA and Preliminary Design submitted.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	EnviroServices & Training Center, LLC	Honolulu, Hawai'i	Environmental Planning, Hazardous Materials Management
b.	Cultural Surveys Hawai'i, Inc.	Kailua, Hawai'i	Archaeology
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Wahiawa Reclaimed Water Irrigation System Wahiawa, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION <i>(If applicable)</i>

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Agribusiness Development Corporation	b. POINT OF CONTACT NAME Mr. Dean Nakano	c. POINT OF CONTACT TELEPHONE NUMBER (808) 523-8499
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Dam Spillway at the Wahiawa Reservoir

Planning and Design Fee - \$772,000

Scope

Civil planning, environmental permitting, and design services for a new wastewater reclaimed water irrigation system to deliver recycled water from the Wahiawa Wastewater Treatment Plant (WWTP) and raw water from Wahiawa Reservoir to existing and proposed reservoirs at Galbraith Farmland.

Relevant Project Elements

- √ Feasibility Study and Analysis
- √ Permit Applications
- √ Environmental Assessment

The intent of this project is to design a transmission pipeline to convey reclaimed water from the Wahiawa WWTP to specific Agribusiness Development Corporation (ADC) parcels located on the former Galbraith Agricultural Lands.

Planning

TLCG is currently providing civil planning and preliminary engineering services to identify, evaluate, and recommend an alternative to satisfy the ADC's need to deliver recycled water from the Wahiawa WWTP and raw water from Wahiawa Reservoir to the existing 3 MG and 10 MG reservoirs and a proposed 14 MG reservoir at Galbraith Farmland. Services also include meeting facilitation to assist ADC in developing a Memorandum of Understanding with the City and County of Honolulu (CCH) for use of R-1 water produced at the Wahiawa WWTP and to assist ADC/CCH in determining how to "certify" R-1 water.

Environmental Assessment

The project scope also includes the preparation of all necessary environmental clearances, including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final Environmental Assessments (EA) in accordance with HRS Chapter 343. The Final EA was published in 2022.

Permits

TLCG is responsible for identifying and preparing permits applicable to the planning phases of the project:

- Federal determinations for navigable waters
- State determinations for resource use
- CDUP, SCAP, SDWP from DLNR
- NPDES from DOH
- Construction permits from DOH, City, and State
- Use and Right-of-Way permits or easements
- USACE
- NPDES NOI-G
- 401 WQC

Design

TLCG is currently designing the 20-inch and 24-inch transmission pipelines which will deliver recycled water from Wahiawa WWTP and raw water from Wahiawa Reservoir to the reservoirs on Galbraith Farmland, including connection to the reservoirs and grading at the proposed valve boxes. TLCG will prepare construction plans and specifications for bid documentation and provide services during bidding and construction.

Project Status: Final Report and Pre-Final Design submitted.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Cultural Surveys Hawai'i, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kailua, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance and Water Quality Investigations
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Malaekahana State Recreation Area (SRA) – Kahuku Section, Park Improvements La'ie, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION <i>(If applicable)</i> On-going

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Land and Natural Resources	b. POINT OF CONTACT NAME Mr. Carty Chang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0229
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



New Cabin No. 2

*Planning and Design Fee - \$1,394,000
Construction Cost - \$9,300,000*

Scope

Civil planning and design services to upgrade the camping experience at Malaekahana SRA, Kahuku Section.

Relevant Project Elements

- √ Master Planning
- √ Permit Applications
- √ Environmental Assessment
- √ Public Meetings and Outreach

TLCG was responsible for preparing site development planning report; environmental assessment; demolition plans of existing cabins and auxiliary facilities; and design of new cabins, comfort station, satellite restrooms, pot washing stations, campgrounds, parking lots, and utilities at the Malaekahana SRA, Kahuku Section.

The project was originally intended to replace illegal cesspools; however, the scope of work quickly broadened to address new problems identified during initial site investigations. The project focus shifted to a comprehensive condition assessment of all property facilities, including the seven cabins that were observed to be uninhabitable due to structural integrity and presence of hazardous materials.

During the planning phase of the project, TLCG prepared cabin replacement recommendations along with a list of necessary

environmental clearances and permits including a shoreline certification and Special Management Area permit. An Archaeological Inventory Survey was prepared to comply with State Historic Preservation Division (SHPD) requirements because the cabins were potentially historically significant. Cultural impact assessments and biological surveys were completed for the Environmental Assessment (EA) in accordance with HRS Chapter 343. The Final EA was published in 2016.

In addition to design of the recommended facility improvements, TLCG designed new civil and electrical infrastructure to support the re-designed property. Infrastructure included wastewater collection and treatment, water, drainage, grading, roadways, walking paths, ADA-accessible parking stalls, communication, and power.

Project Status: Construction expected to be completed in 2023.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	EnviroServices & Training Center, LLC	Honolulu, Hawai'i	Environmental Planning, Hazardous Materials Management
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Maui Office Annex Building Wailuku, Maui	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Land and Natural Resources	b. POINT OF CONTACT NAME Mr. Brandon Kim, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0248
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Planning and Design Fee - \$905,000
Construction Cost - \$7,850,000

Scope

Civil engineering services to evaluate the existing structure and infrastructure conditions of an aging administration building and design services for site improvements and the construction of a new office building.

Relevant Project Elements

- √ Feasibility Study and Analysis
- √ Environmental Assessment √ Permit Applications

Planning

TLCG prepared a Concept Plan Report to evaluate the existing structure of the building and parking requirements; assess infrastructure capacities, constraints, and deficiencies; identify easements, permit requirements, and building code and non-conformance violations; provide site and space planning recommendations; and evaluate the feasibility of repair/rehabilitation vs. total replacement.

Environmental Assessment

The project scope also included the preparation of all necessary environmental clearances, including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final Environmental Assessments (EA) in accordance with HRS Chapter 343. The Final EA was published in 2014.

Design

TLCG's recommended alternative was to demolish the existing building and construct a new building with improved on-site infrastructure. Design included the construction of a single-story, slab-on-grade structure; retaining wall; new curbs and asphalt concrete paving and pavement; security fencing and entry gates; and areas for solid waste receptacle, bicycle storage, and covered boat storage. New utilities included installation and connection of a new water meter; construction of new fire hydrant; extension of sewer main and construction of new lateral sewer connection; water, sewer, and electrical service to the building; and closure of onsite cesspool per DOH requirements.

Project Highlight

The Planning Report integrated the needs of multiple DLNR division offices into a design that satisfies individual functionality, space, and personnel requirements.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

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
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21. TITLE AND LOCATION <i>(City and State)</i> Mana Drag Racing Strip, Phase 2 Improvements Waimea, Kaua'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(If applicable)</i> 2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawai'i Department of Land and Natural Resources	b. POINT OF CONTACT NAME Mr. Adrian Chang, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0260
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Electrical service upgrades

*Planning and Design Fee - \$328,000
Construction Cost - \$465,000*

Scope

Civil engineering and environmental permitting services for the installation of new permanent electrical infrastructure for street lights on the Mana Drag Racing Strip as needed for racing events during evening hours.

Relevant Project Elements

- √ Environmental Assessment
- √ Permit Applications
- √ Public Meetings and Outreach

For the second phase of improvements at the Mana Drag Racing Strip, TLCG was selected to provide permanent track power to the facility and lighting the length of the ¼-mile long track.

TLCG was responsible for the preparation of all necessary environmental clearances, including incidental and related technical work associated with the preparation, assimilation, and publication of the Draft and Final Environmental Assessments (EA) in accordance with HRS Chapter 343; and an Archaeological Inventory Survey, Cultural Impact Assessment, and Archaeological Monitoring Plan to comply with the State Historic Preservation Division's requirements.

The following permit applications and exemptions were obtained for this project:

- Environmental Assessment
- NPDES, NOI Form C, authorizing discharges of stormwater associated with construction activities and stockpiling permits
- Shoreline Setback Determination Application
- Special Management Area Major Permit
- Conservation District Use Permit Site Plan Approval

Design services included the preparation of construction documents, coordination with client and subconsultants, and services during bidding and construction.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME Pacific Consulting Services, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE

H. ADDITIONAL INFORMATION

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

Company Background

The Limtiaco Consulting Group, Inc. (TLCG) is the consulting company established by Mr. Felix B. Limtiaco, a former Director of the Department of Wastewater Management of the City and County of Honolulu. Founded in 1997, TLCG specializes in planning, design, and construction services for water, wastewater, stormwater, and water reuse infrastructure. The company is also experienced in general civil engineering projects.

TLCG solves difficult problems with practical solutions

In 2016, the U.S. Small Business Administration selected TLCG principals as the Small Business Person of the Year for the City and County of Honolulu. The prized SBA award recognizes the best of the small business community.



The company has been designated by Pacific Business News as one of Hawaii's "Largest and Top Engineering Firms" every year since 2009.

Experience and Professional Qualifications

TLCG has built a reputation for openness and honesty with regulators at the Federal, State, and local levels. We also invest the time to meet and discuss projects early and often with regulators in order to build a strong rapport. This strategy of direct engagement allows us to have frank conversations with regulators, which can lead to out-of-the-box strategies that benefit our client, the regulators, and the environment.

Our method of project evaluation involves identifying potential environmental issues and regulatory requirements as early as possible during project development. Early identification of these issues results in superior project delivery. For example, consideration of endangered species during alternatives analysis may favor one alternative over another. Another example is that identification of historic resources at a project site during design could allow engineers to alter their design to avoid impacts to the historic resource altogether. TLCG encourages constant communication between planners, designers, and construction managers in order to facilitate these types of solutions.

Our broad range of expertise, strategy of openness, honesty and engagement, and early evaluation method has taken many projects from planning to construction efficiently while minimizing complications.

ENVIRONMENTAL PLANNING

TLCG is highly capable in environmental planning and has successfully prepared environmental documents in accordance with State and Federal requirements.

TLCG has prepared environmental documents on the local, State, and Federal levels, and has worked closely with accepting agencies to obtain key environmental clearances.

- ✓ HRS Chapter 343 compliance
- ✓ HRS Chapter 6E Consultation, National Historic Preservation Act, Section 106
- ✓ NEPA Categorical Exclusion
- ✓ HRS 195D Consultation, Endangered Species Act, Section 7
- ✓ Coastal Zone Management Consistency Review
- ✓ Shoreline Setback Variance
- ✓ Army Corps Section 404 and Section 10 Permits
- ✓ Clean Water Act, Section 401 Water Quality Certification
- ✓ NPDES Notice of Intent and Individual Permits
- ✓ Stream Channel Alteration Permit
- ✓ Conservation District Use Permit
- ✓ Special District Permit
- ✓ Special Management Area permit (City and County of Honolulu, County of Kaua'i, and State Office of Planning)

PERMITTING

TLCG has completed a wide range of permits, clearances, and certification applications.

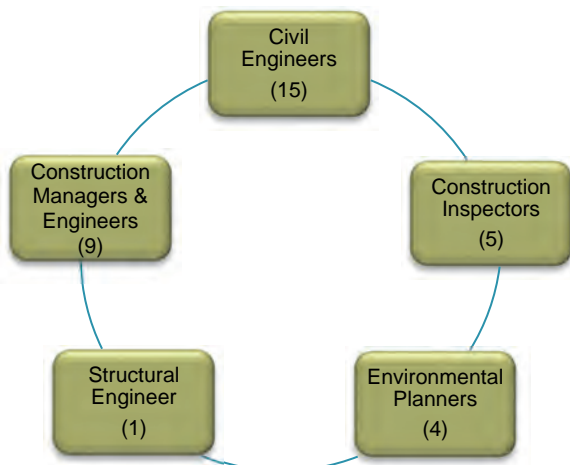
- ✓ NPDES
- ✓ SWPPPs
- ✓ trenching
- ✓ street usage
- ✓ noise variance
- ✓ grading, grubbing, and stockpiling
- ✓ dewatering, hydrotesting
- ✓ Stream Channel Alteration Permit
- ✓ Conservation District Use Permit
- ✓ Special District Permit

Through 26 years of business, TLCG has grown its staff of complementing professional engineering services. The company has maintained an average of 42 employees over the past five years.

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- * Fourteen licensed civil engineers *
 - * Four LEED accredited engineers *
 - * U.S. Green Building Council *
-

Published 22 EAs with OEQC

TLCG's greatest asset is its people. Comprised of motivated, experienced, creative, and practical professionals, TLCG is eager to solve the toughest engineering problems. Ian Arakaki is the Principal-in-Charge.



Ian Arakaki, P.E., CCM



Mr. Arakaki has 27 years of experience on civil, sanitary, and environmental projects. He is responsible for providing program management services for the Board of Water Supply, the City and County of Honolulu's Department of Environmental Services, and Hawai'i American Water. As a direct result of his exemplary management

skill and ability to deliver quality end results, TLCG has remained the preferred consultant for the private utility for the past 21 years.

Jason Lau, P.E., LEED AP



Mr. Lau has 31 years of experience on civil and sanitary engineering projects spanning Federal, State, City, and private sector projects in Hawai'i and California. His projects involve various civil engineering disciplines with an emphasis on site development, utilities, soil erosion control, and roadway infrastructure.

Mr. Lau leads a staff of 14 engineers and is currently managing design contracts totaling more than \$27M. His experience includes coordination, design, feasibility studies, preliminary engineering reports, and preparation of plans, specifications and cost estimates.

Jason Nakata, P.E.



Mr. Nakata has 15 years of experience in environmental planning. His duties include the preparation of environmental assessments; planning reports; zoning and land use approvals; discretionary permit approvals (SMA permits, CDUP, shoreline approvals); and County, State, and Federal resource agency reviews (SHPD, US Fish and Wildlife).

Claire Oshiro



Ms. Oshiro has 25 years of experience as a planner on infrastructure projects for Federal, State, and local agencies, as well as private entities. Her duties include the preparation of environmental assessments, environmental impact statements, planning reports, and permits.

Jenny Bernier



Ms. Bernier has 8 years of experience in environmental compliance. Her duties include assistance with environmental permitting for stormwater and civil infrastructure projects. She also conducts inspections and provides guidance on stormwater Best Management Practices for construction projects.

Past Performance on Contracts

TLCG has established a successful track record and positive reputation for providing high levels of performance with government and private sector clients. TLCG management completes projects meeting stringent performance criteria in a practical, timely, and cost-efficient manner. Clients routinely reward TLCG with new projects, reflecting confidence in professional judgment, value, and commitment to customer service. By working together with clients, TLCG is able to develop project-specific criteria to solve the toughest problems.

CERTIFICATE OF APPRECIATION

The firm's largest client, the City and County of Honolulu, Department of Environmental Services, Division of Wastewater Engineering and Construction (formerly DDC – Wastewater Division), recognizes one outstanding consultant each year with a Certificate of Appreciation. TLCG was awarded this certificate, which acknowledges exceptional engineering services, in 2006.

ENGINEERING EXCELLENCE

TLCG received an Engineering Excellence Award at the 2010 Engineering Excellence Awards Competition held by the American Council of Engineering Companies – Hawai'i. The award is for superior engineering services provided by the firm for the State of Hawai'i, Department of Land and Natural Resources (DLNR) and Ka'a'awa residents whose homes were in imminent danger of collapse following the 40 days of rain in 2006. *"The Limtiaco Consulting Group designed a project which was on time and came in under budget. The ability to do those things, while adhering to a compressed design schedule, is the hallmark of a technically competent firm,"* said Carty Chang, Chief Engineer of the DLNR, Engineering Division.

BEST WATER/WASTEWATER/ENVIRONMENTAL PROJECT

TLCG's Pearl City Force Main Slip-Lining Repair project for the City and County of Honolulu, Department of Design and Construction was awarded the Best Water/Wastewater /Environmental Project at the 2013 ASCE Hawai'i Section Outstanding Civil Engineering Achievement Awards Banquet. This project was spurred by consecutive pipeline breaks within a 250-foot section of 30-inch and 42-inch dual force mains. The project was declared an emergency because the public's health and safety were in imminent danger due to the large service area associated with the force mains. This project also won an Excellence Award at the 2014 Engineering Excellence Awards Competition.

BEST SMALL PROJECT

The Mana Drag Racing Strip Improvements project located in Waimea, Kaua'i was awarded the Best Small Project Award at the 2015 ASCE Hawai'i Section Outstanding Civil Engineering Achievement Awards Banquet. TLCG performed civil design and construction management services for the State of Hawai'i, Department of Land and Natural Resources for the resurfacing and reconstruction of the NHRA-sanctioned drag strip to provide a safe and functional facility for motor sports on Kaua'i.

BEST SUSTAINABILITY PROJECT

The Wahiawa Police Station NPDES Small MS4 Permit Program Improvements project was awarded the Best Sustainability Project Award at the 2017 ASCE Hawai'i Section Outstanding Civil Engineering Achievement Awards Banquet. This project was one of the first projects in Hawai'i solely developed to improve stormwater quality; it was completed prior to the issuance of local guidelines on Low Impact Design or structural BMP standards. TCG earned an Honor Award for this same project at the 2018 Engineering Excellence Awards Competition.

Quality Control / Capacity to Accomplish Work in the Required Time

TLCG's work quality is based on the wisdom and engagement of experienced principals and project managers. Successful project management begins with the development of a concise and objective-oriented scope of work and is maintained through effective communication with the client, stakeholders, and project team. TCG employs tried-and-true project control practices to track productivity, maintain costs, and meet or exceed project milestones, while ensuring a high-quality work product. TCG engineers have more than 330 years of combined project management and engineering experience.

TLCG maintains five guiding philosophies to ensure project success:

1. **Quality, above all else**
2. **Service capacity**
3. **Effective communication**
4. **Resourceful employees**
5. **Redundancy**

QUALITY, ABOVE ALL ELSE

TLCG's driving philosophy is its commitment to quality engineering services. The company recruits hard working and talented employees, committed to successful projects and happy clients. TCG understands commitment to quality customer service is more important than profitability. TCG engineers genuinely care about their projects and clients.

SERVICE CAPACITY

TLCG maintains a database to track current staff workload relative to upcoming project milestones. This tool allows TCG engineers to produce 40 to 45 quality hours of work each week. Practical employee expectations promote healthy work-life balance, resulting in happy and dedicated employees. In addition to managing the workload for existing employees, TCG routinely seeks talent before the critical need arises. This philosophy ensures an ample amount of engineering capacity while proactively controlling the quality of each employee added to the company.

EFFECTIVE COMMUNICATION

TLCG invests in relationships through effective communication. TCG engineers are empowered to create and cultivate professional relationships with clients and approving agencies to ensure project success. TCG engineers are encouraged to communicate both good and bad news because it's the right thing to do. Effective communication – which TCG recognizes requires a tremendous amount of listening – builds trust and relationships.

CROSS-TRAINING

TLCG services are generally comprised of three disciplines: Planning, Design, and Construction Management. TCG invests in training employees across the three disciplines because adaptable engineers are better prepared to solve difficult problems. TCG engineers are prepared with broader experiences, armed with deeper appreciation of the various phases of a project life cycle. This core philosophy also allows TCG to use engineers interchangeably to manage dynamic workloads. TCG staff members are prepared to temporarily assist with critical deadlines, thereby increasing TCG service capacity.

REDUNDANCY

TLCG builds redundancies for each key employee. This company philosophy ensures that clients and projects will continue to be serviced at high levels even when unanticipated events occur. Employee redundancy practices were exercised when the company was just four years old. In 2001, president and founder Felix Limtiaco died unexpectedly. TCG was not only able to survive the tragedy, but the company continued to thrive because of its reliable employee redundancy practices.

Conflicts of Interest

TLCG does not have any conflicts of interest in performing services for the County of Hawai'i.

Client References

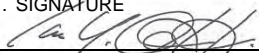
The following list provides a sample of TLCG clients.

- Dr. Roger Babcock, Jr., Director
Department of Environmental Services
City and County of Honolulu
Phone: (808) 768-3486
- Mr. Ernest Lau, Manager and Chief Engineer
Board of Water Supply
City and County of Honolulu
Phone: (808) 748-5061
- Mr. Lee Mansfield, District Manager
Hawai'i American Water
Phone: (808) 394-1285
- Mr. Carty Chang, Chief Engineer
Department of Land and Natural Resources,
Engineering Division
State of Hawai'i
Phone: (808) 587-0229
- Mr. Brian Kau, Administrator and Chief Engineer
Department of Agriculture
State of Hawai'i
Phone: (808) 949-9473

I. AUTHORIZED REPRESENTATIVE

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

June 29, 2023

33. NAME AND TITLE

Ian Y. Arakaki, Principal

