

County of Hawai'i Housing and Community Development

Statement of Qualifications: OH.2) General Engineering (Project Manager)

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 Kanananui 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.2) General Engineering (Project Manager)**

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@tlcghawaii.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	SUBCONTRACTOR			
a.	X			The Limtiaco Consulting Group, Inc. ☐ CHECK IF BRANCH OFFICE	1622 Kananui Street Honolulu, Hawai'i 96817	Civil Engineering
b.			X	ECS, Inc. ☐ CHECK IF BRANCH OFFICE	615 Pi'ikoi Street, Suite 207 Honolulu, Hawai'i 96814	Electrical Engineering
c.			X	Ron N.S. Ho & Associates, Inc. ☐ CHECK IF BRANCH OFFICE	2153 N. King Street, Suite 201 Honolulu, Hawai'i 96819	Electrical Engineering
d.			X	InSynergy Engineering, Inc. ☐ CHECK IF BRANCH OFFICE	828 Fort Street Mall, Suite 500 Honolulu, Hawai'i 96813	Electrical/Mechanical Engineering
e.			X	Mechanical Enterprises, Inc. ☐ CHECK IF BRANCH OFFICE	501 Sumner Street, Suite 503 Honolulu, Hawai'i 96817	Mechanical Engineering
f.			X	Iwamoto Engineering Consultants, Inc. ☐ CHECK IF BRANCH OFFICE	98-029 Hekaha Street, Suite #37 'Aiea, Hawai'i 96701	Structural Engineering
g.			X	Nagamine Okawa Engineers, Inc. ☐ CHECK IF BRANCH OFFICE	1001 Bishop Street Pauahi Tower, Suite 725 Honolulu, Hawai'i 96813	Structural Engineering

C. PROPOSED TEAM

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

	(Check)			9. FIRM NAME ☐ CHECK IF BRANCH OFFICE	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
h.			X	Hirata & Associates, Inc. ☐ CHECK IF BRANCH OFFICE	99-1433 Koaha Place 'Aiea, Hawai'i 96701	Geotechnical Engineering
i.			X	Kokua Geotech, LLC ☐ CHECK IF BRANCH OFFICE	94-974 Pakela Street, Suite 109 Waipahu, Hawai'i 96797	Geotechnical Engineering
j.			X	Pacific Geotechnical Engineers, Inc. ☐ CHECK IF BRANCH OFFICE	94-417 Akoki Street Waipahu, Hawai'i 96797	Geotechnical Engineering
k.			X	Yogi Kwong Engineers, LLC ☐ CHECK IF BRANCH OFFICE	677 Ala Moana Blvd., Suite 710 Honolulu, Hawai'i 96813	Geotechnical Engineering/ Construction Inspection
l.			X	Jacobs Engineering Group, Inc. ☐ CHECK IF BRANCH OFFICE	1132 Bishop Street, Suite 1100 Honolulu, Hawai'i 96813	Traffic Engineering
m.			X	SSFM International, Inc. ☐ CHECK IF BRANCH OFFICE	501 Sumner Street, #620 Honolulu, Hawai'i 96817	Traffic Engineering, Construction Inspection/ Specialized Inspection
n.			X	Ki Concepts, LLC ☐ CHECK IF BRANCH OFFICE	1580 Makaloa Street, Suite 1005 Honolulu, Hawai'i 96814	Landscape Architecture
o.			X	Mailelani Design, LLC ☐ CHECK IF BRANCH OFFICE	1241 Ala Amoamo Street Honolulu, Hawai'i 96819	Landscape Architecture
p.			X	ControlPoint Surveying, Inc. ☐ CHECK IF BRANCH OFFICE	615 Pi'ikoi Street #700 Honolulu, Hawai'i 96814	Land Surveying
q.			X	Line of Sight, LLC ☐ CHECK IF BRANCH OFFICE	P.O. Box 11269 Honolulu, Hawai'i 96828	Land Surveying

C. PROPOSED TEAM*(Complete this section for the prime contractor and all key subcontractors.)*

	<i>(Check)</i>			9. FIRM NAME	10. ADDRESS	11. ROLE IN THIS CONTRACT
	PRIME	J-V PARTNER	SUBCONTRACTOR			
r.			X	Uchiyama Erskine Architects, Inc. ☐ CHECK IF BRANCH OFFICE	540 Lagoon Drive, Suite 4 Honolulu, Hawai'i 96819	Architecture
s.			X	WhiteSpace Architects, Inc. ☐ CHECK IF BRANCH OFFICE	4747 Kilauea Avenue, Suite 201 Honolulu, Hawai'i 96816	Architecture
t.			X	PBR Hawai'i, Inc. ☐ CHECK IF BRANCH OFFICE	Pacific Tower, Suite 650 1001 Bishop Street Honolulu, Hawai'i 96813	Land/Environmental Planning
u.			X	EnviroServices & Training Center, LLC ☐ CHECK IF BRANCH OFFICE	505 Ward Avenue, Suite 202 Honolulu, Hawai'i 96814	Environmental Planning, Hazardous Materials Management
v.			X	Cultural Surveys Hawai'i, Inc. ☐ CHECK IF BRANCH OFFICE	P.O. Box 1114 Kailua, Hawai'i 96734	Archaeology
w.			X	Pacific Consulting Services, Inc. ☐ CHECK IF BRANCH OFFICE	720 Iwilei Road, Suite 424 Honolulu, Hawai'i 96817	Archaeology
x.			X	AECOS, Inc. ☐ 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)*



CIVIL ENGINEERING TEAM

Ian Arakaki, P.E., CCM, Principal-in-Charge
Jason Lau, P.E., LEED AP, Principal Engineer
Kyle Kaneshiro, P.E., LEED AP, Principal Engineer
Joe Kwan, P.E., LEED AP, Associate Principal Engineer
Jennifer Lim, P.E., Associate Principal Engineer
Trevor Vagay, P.E., Associate Principal Engineer
Yvonne Turro, P.E., Project Manager
Jessica Agsalda, P.E., Project Manager
Megan Ueno, P.E., Civil Engineer
Kevin Fong, P.E., Structural Engineer
Jason Nakata, P.E., Environmental Planner
Claire Oshiro, Environmental Planner
Jenny Bernier, Environmental Planner

CONSTRUCTION TEAM

Eric Arakawa, P.E., LEED AP, CCM, Associate Principal Construction Manager
Brandon Whitaker, P.E., Civil Engineer
Justin Barnes, P.E., Civil Engineer
Jerome Do, Construction Engineer
David Goya, Senior Construction Inspector
Paul Serikawa, Construction Inspector
Scott Lai, Construction Inspector
Aaron Katagihara, Construction Inspector

SUBCONSULTANTS

Electrical Engineering

ECS, Inc.
Ron N.S. Ho & Associates, Inc.

Mechanical Engineering

InSynergy Engineering, Inc.
Mechanical Enterprises, Inc.

Structural Engineering

Iwamoto Engineering Consultants, Inc.
Nagamine Okawa Engineers, Inc.

Geotechnical Engineering

Hirata & Associates, Inc.
Kokua Geotech, LLC
Pacific Geotechnical Engineers, Inc.
Yogi Kwong Engineers, LLC

Traffic Engineering

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SSFM International, Inc.

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ControlPoint Surveying, Inc.
Line of Sight, LLC

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WhiteSpace Architects, Inc.

Land/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 and 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 <table border="1"> <tr> <td>a. TOTAL 27</td> <td>b. WITH CURRENT FIRM 21</td> </tr> </table>		a. TOTAL 27	b. WITH CURRENT FIRM 21
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15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i					
16. EDUCATION (Degree and Specialization) BS/1996/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) 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 (Publications, Organizations, Training, Awards, etc.) 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					
(1) TITLE AND LOCATION (City and State) Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
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a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	☒ Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Lead Service Line Inventory, Water Quality Study, and Related Technical Services Island-wide, O'ahu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
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b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	☒ Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Project Management Services for Security Projects Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
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c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	☒ Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Project Management Services for the BWS Water Master Plan – Phase 2 and 3 Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) N/A</td> </tr> </table>			PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) N/A
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) N/A				
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal-in-Charge to assist in the coordination of project activities among the various BWS divisions and their consultants. Responsibilities included assistance in the development of scopes of work and the preparation and review of contract documents and amendments; technical review and documentation of consultants' submittals; coordination of project and work requirements with other City, State, and Federal agency requirements; assistance in the development of approved field guidelines, procedures, and requirements; and attendance at progress meetings with consultants and BWS personnel.	☒ Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Hawai'i Kai 2016 Engineering Support Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2016</td> <td>CONSTRUCTION (If Applicable) 2017</td> </tr> </table>			PROFESSIONAL SERVICES 2016	CONSTRUCTION (If Applicable) 2017
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e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	☒ Check if project performed with current firm				



(<https://cca.hawaii.gov/pvl/>)

Feedback ⊕ More ▾



MyPVL

DCCA Professional Vocational Licensing

General License



License ID

PE-10291

License Type

PROFESSIONAL ENGINEER

Legal License Name

IAN Y ARAKAKI

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

07/17/2001

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

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Business Code

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Educational Code

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Business Address

--

Other Business/Person/DBA Names



Records Per Page



Columns to Show

Search:

Filter...

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries

Previous

Next

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 <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>31</td> <td>24</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	31	24																	
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[x] Check if project performed with current firm																								



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General License



License ID

PE-9360

License Type

PROFESSIONAL ENGINEER

Legal License Name

JASON H LAU

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

09/30/1997

Expiration Date

04/30/2024

Restriction

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Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Other Business/Person/DBA Names



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Showing 0 to 0 of 0 entries

Previous

Next

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Kyle Kaneshiro, P.E., LEED AP	13. ROLE IN THIS CONTRACT Principal Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 28</td> <td>b. WITH CURRENT FIRM 15</td> </tr> </table>		a. TOTAL 28	b. WITH CURRENT FIRM 15
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15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i					
16. EDUCATION (Degree and Specialization) BS/1995/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAII 2001/Civil Engineering (No. 10268) HAWAII 2009/LEED Accredited for New Construction HAWAII 2005/HEC-RAS Water Surface Profiles Cert. HAWAII 2023/CCH DPP Certified Erosion and Sediment Control Plan Preparer HAWAII 2023/CCH DPP Certified Water Pollution Plan Preparer HAWAII 2023/CCH DPP Erosion and Sediment Control Plan Coordinator			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i – President, 2023-2024 Hawai'i Water Environment Association Water Environment Federation					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED			
Sewage Treatment Plant Improvements at Kupuna Home O'Waialua Waialua, Hawai'i	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If Applicable) 2013		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for the evaluation and replacement of an existing on-site wastewater treatment plant that services approximately 40 housing units. Duties included an Alternatives Analysis Report to evaluate the feasibility, provide cost estimates, and make recommendations for replacement of the wastewater treatment plant; preparation of construction plans, specifications, and cost estimates for the recommended treatment system – a Fixed-Film Media System below ground to include a concrete tank, underground pump station and septic tank, aeration blower, emergency generator, leach fields, flow meter, and chlorine disinfection system; and construction management services.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Sewer Improvements and Electrical Upgrades to the Kapa'a Housing Project Kapa'a, Kaua'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2013</td> <td>CONSTRUCTION (If Applicable) 2016</td> </tr> </table>		PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2016
PROFESSIONAL SERVICES 2013	CONSTRUCTION (If Applicable) 2016			
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for the planning and design of sewer improvements and electrical upgrades for the Kapa'a Housing Project. Improvements included repair and rehabilitation of gravity sewer lines, epoxy lining of all manholes, conversion of the existing one-phase power system to a three-phase power system at the sewage lift station, installation of new lift station pumps and an emergency generator, and rehabilitation of the existing sewer lift station shed. Duties included the preparation of construction documents and cost estimates, obtaining permits necessary for construction, preparing O&M manuals, providing services during bidding and construction, and construction observation services.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) IWS and Site Improvements, PHA Wide Hawai'i Island and Kaua'i, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) 2018</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2018
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2018			
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for the planning and design of improvements to individual wastewater systems at various HPHA housing projects on Hawai'i Island and Kaua'i. Duties included alternatives analysis; preparation of a letter report with recommendations, preliminary project schedule, and construction cost estimates; preparation of construction documents for the recommended improvements, which included sewer line replacement, re-lining seepage pits, and closure of septic tanks not in use; services during bidding and construction; and construction administration services.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Pohoiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation Puna, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)			
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer responsible for planning, 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. Duties include preparation of a Pre-Design Letter Report with recommendations for dredging limits and depths, hazard mitigation for erosion control, confirmation of required permits and agency approvals, and engineering analysis; preparation of construction documents for the selected alternative; project coordination; and services during bidding and construction.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Sewage Pump Station at Wahiawa Terrace Wahiawa, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2022</td> <td>CONSTRUCTION (If Applicable) On-going</td> </tr> </table>		PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) On-going
PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) On-going			
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Principal Engineer for the evaluation and replacement of an existing sewage pump station (SPS) and backup electrical generator servicing the Wahiawa Terrace housing project. Duties include a Letter Report to evaluate the feasibility, provide cost estimates, and make recommendations for replacement of the SPS; preparation of construction plans, specifications, and cost estimates for sitework design including site plan, grading, walkways, asphalt pavement, relocation of utilities, gravity sewer, force main, and fencing and the new SPS including controls, emergency generator, and force main bypass connection; development of a construction phasing plan; obtaining permits necessary for construction; services during bidding and construction; project coordination; attendance at public meetings; and construction administration services.	☒ Check if project performed with current firm			



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General License



License ID

PE-10268

License Type

PROFESSIONAL ENGINEER

Legal License Name

KYLE H KANESHIRO

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

07/17/2001

Expiration Date

04/30/2024

Restriction

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Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Columns to Show

Search:

Filter...

Name	Effective Date	Termination Date
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Showing 0 to 0 of 0 entries

Previous

Next

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Joe Kwan, P.E., LEED AP	13. ROLE IN THIS CONTRACT Associate Principal Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 16</td> <td>b. WITH CURRENT FIRM 15</td> </tr> </table>		a. TOTAL 16	b. WITH CURRENT FIRM 15
a. TOTAL 16	b. WITH CURRENT FIRM 15				
15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i					
16. EDUCATION (Degree and Specialization) BS/2007/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAI'I 2011/Civil Engineering (No. 14509) HAWAI'I 2009/LEED Accredited for New Construction HAWAI'I 2022/CCH DPP Erosion and Sediment Control Plan Coordinator			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i Hawai'i Water Environment Association Water Environment Federation					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED			
Mauna Lani Disk Filter Upgrade Waimea, Hawai'i	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If Applicable) 2022		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for a new disc filtration system at the Mauna Lani Wastewater Treatment Facility to discharge reuse water into existing injection wells. Design included new effluent submersible pumps; new polymer dosing system and underground vault; yard piping for new filtration system, backwash system, effluent pump station, service water, and connection into the existing injection wells; pad foundations; access stairs, walkways, and gate; grading and drainage improvements; and electrical and SCADA improvements. Duties included preparation of construction documents and setback variance permit and services during bidding and construction.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Hawai'i Kai Pump Station No. 2 Upgrade Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (If Applicable) On-going</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) On-going
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) On-going			
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for a pump station upgrade to Pump Station No. 2 in Hawai'i Kai to improve reliability and performance of the facility. Design components of the upgrade included re-location of electrical system, new diesel generator and automatic transfer switch, existing generator building modifications, new fiberglass electrical control building, submersible wastewater pumps and associated piping and valves, pump station controls, wet well structural modifications, and pump station dry well abandonment. Duties include preparation of construction plans and specifications, services during bidding and construction, and project coordination.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Program Management (WEC Staff Augmentation) – West Beach Sewer Force Main No. 1 and 2 Kapolei, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2017</td> <td>CONSTRUCTION (If Applicable) 2018</td> </tr> </table>		PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2018
PROFESSIONAL SERVICES 2017	CONSTRUCTION (If Applicable) 2018			
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for preliminary engineering of an immediate repair solution for a sewer force main system that experienced numerous breaks over a three-year period. Replacement and rehabilitation alternatives were evaluated for 9,000 linear feet of 16-inch force main and 6,000 linear feet of 20-inch force main in the Ko Olina Resort area. Slip-line rehabilitation was selected with an aboveground bypass system to minimize excavation and overall impacts to resort guests. Duties included condition assessment, coordination between the client and operations staff, and preparation of technical report and cost estimate.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Kapuaiwa Building: Drainage Assessment / Separate Storm Drain and Basement Sanitary Sewer Systems Design Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2020</td> <td>CONSTRUCTION (If Applicable) On-going</td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) On-going
PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) On-going			
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the design of improvements to the storm drainage system for the Kapuaiwa Building to alleviate future flooding. Improvements include the installation of a new sewer lift station with redundant pumps to separate combined storm and sewer flow and connection to the City's wastewater and stormwater collection systems. Duties included preparation of construction drawings, technical specifications, and cost estimate; project coordination; and services during bidding and construction.	☒ Check if project performed with current firm			
(1) TITLE AND LOCATION (City and State) Kapa'a Pool Filter System Improvements Kapa'a, Kaua'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2021</td> <td>CONSTRUCTION (If Applicable) On-going</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) On-going
PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) On-going			
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for a condition assessment of the Kapa'a Pool filter system to identify deficiencies, proposal of pool filter system and shell improvements, and design of the selected recommendation. Services included evaluating the logistics of removal and replacement of the filter system; preparation of construction drawings, technical specifications, and cost estimate; obtaining necessary permits and environmental clearances; conducting meetings with County Administration and Council to show recommendations and solicit feedback; services during bidding and construction; and project coordination.	☒ Check if project performed with current firm			



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General License



License ID

PE-14509

License Type

PROFESSIONAL ENGINEER

Legal License Name

JOE Y C KWAN

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

06/14/2011

Expiration Date

04/30/2024

Restriction

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Trade/Professional Name

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E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jennifer Lim, P.E.	13. ROLE IN THIS CONTRACT Associate Principal Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>15</td> <td>15</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	15	15
a. TOTAL	b. WITH CURRENT FIRM						
15	15						
15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i							
16. EDUCATION (Degree and Specialization) BS/2006/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAI'I 2012/Civil Engineering (No. 14899) HAWAI'I 2023/NASSCO PACP, MACP, LACP Cert. HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i Hawai'i Water Environment Association Water Environment Federation							

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Project Management Services for Security Projects Honolulu, Hawai'i	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager to assist the BWS in project 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; preparation of design drawings and specifications for CIP projects; development of a physical security CIP plan; coordination of the work activities, schedules, and scopes of work related to the projects; coordination of project and work requirements with other City, State, and Federal agency requirements; and project management services.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Palolo Sewer Rehabilitation Honolulu, Hawai'i	PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2021
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the evaluation of approximately 24,555 linear feet (LF) of 6- to 18-inch sewers and 142 sewer manholes in Palolo Valley to satisfy the U.S. EPA Global Consent Decree Program. Duties included the preparation of a Design Alternatives Report to address approximately 3,785 LF of 8- to 12-inch hydraulically-deficient sewer lines, examine alternative improvements, and provide recommendations. Recommended improvements included design of 5,802 LF 16-inch sewer line to replace existing 6- to 8-inch sewer and adding 905 LF of new sewer to intercept the upstream flow. Design services included the preparation of construction plans, specifications, and cost estimates; confirmation of existing sewer database information; preparation of traffic control plans and as-built plans; and services during bidding and construction.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Kalaniana'ole Highway Sewer System Improvements Honolulu, Hawai'i	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for pre-engineering and civil planning services for hydraulic improvements to the Kalaniana'ole Highway Trunk Sewer System. Duties include interagency coordination to develop a Scope of Work; public outreach services including conducting interviews with area residents and presentations at neighborhood board meetings; preparation of a Preliminary Engineering Report to investigate and evaluate alternatives, including a separate gravity sewer system, stand-alone pump station, and individual Low-Pressure Sewer Systems (LPSS); hydraulic evaluation; and identification of necessary permits and clearances.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Hawai'i Kai Collection System Analysis and Rehabilitation Honolulu, Hawai'i	PROFESSIONAL SERVICES 2020	CONSTRUCTION (If Applicable) 2020
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the rehabilitation of approximately 2,500 linear feet of small diameter sewer (6- to 10-inch) and approximately 1,800 linear feet of large diameter sewer (15- to 24-inch) using cured-in-place piping. Planning phase of the project included analysis to determine areas within the collection system that needed improvements, coordination of CCTV inspections, providing recommendations to reduce I/I within the collection system, and public outreach. Design services included preparation of construction documents, identification of construction permits, project coordination, and services during bidding and construction.	☒ Check if project performed with current firm	
(1) TITLE AND LOCATION (City and State) Wailua Manhole Upgrades Lihu'e, Kaua'i	PROFESSIONAL SERVICES 2021	CONSTRUCTION (If Applicable) On-going
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the emergency assessment and design of two manhole upgrades along Kuhio Highway. Planning duties included the preparation of a Letter Report which provided manhole rehabilitation recommendations and temporary sewer bypass alternatives, obtaining necessary permits and clearances, and coordination with various State agencies. Design services included development of bypass flow strategy; preparation of construction drawings, technical specifications, cost estimate; project coordination; and services during bidding and construction.	☒ Check if project performed with current firm	



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DCCA Professional Vocational Licensing

General License



License ID

PE-14899

License Type

PROFESSIONAL ENGINEER

Legal License Name

JENNIFER K M LIM

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

05/01/2012

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

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Business Code

--

Educational Code

--

Business Address

--

Other Business/Person/DBA Names

Records Per Page Columns to Show Search:

Name		Effective Date	Termination Date
JENNIFER K MIURA		05/01/2012	06/03/2014

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Trevor Vagay, P.E.	13. ROLE IN THIS CONTRACT Associate Principal Engineer	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL</td> <td>b. WITH CURRENT FIRM</td> </tr> <tr> <td>15</td> <td>15</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	15	15
a. TOTAL	b. WITH CURRENT FIRM						
15	15						
15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i							
16. EDUCATION (Degree and Specialization) BS/2008/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAI'I 2012/Civil Engineering (No. 14993) HAWAI'I 2015/AutoDesk Certified Professional: AutoCAD					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i American Public Works Association – Secretary, 2023-2024							

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a. (1) TITLE AND LOCATION (City and State) Statewide Storm Water Management Program Statewide, Hawai'i (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager providing technical engineering services to assist the State DOT with improving the quality of stormwater runoff entering the State's drainage system. Duties include selection of temporary and permanent Best Management Practices (BMPs) to minimize erosion and to capture sediment and debris; preparation of drainage and soil loss calculations, construction plans, specifications, cost estimates, and applicable State and Federal permits; parcel mapping; and coordination with utility companies, public agencies, and adjacent land owners.	On-going	☒ Check if project performed with current firm
b. (1) TITLE AND LOCATION (City and State) Drainage Improvements at Various Locations O'ahu, Hawai'i (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager to provide technical engineering services to assist the Department of Design and Construction, Civil Division with project management, scope of work development, and design services for drainage improvements at various locations on O'ahu. Responsible for project management duties including coordination with utility companies, design consultants, contractors, and other government agencies; scope development; site investigation and condition assessment; preparation of hydraulic calculations, erosion control and traffic control plans, and construction documents; obtaining all necessary permits and clearances; services during bidding and construction; and tracking and reviewing Contractor's submittals for conformance to the contract documents and response to Requests for Information (RFIs).	On-going	☒ Check if project performed with current firm
c. (1) TITLE AND LOCATION (City and State) Traffic Engineering Devices at Various Locations (TEDVL), Phase 4 Island-wide, O'ahu, Hawai'i (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for the construction of traffic improvements at various locations throughout O'ahu to increase safety for pedestrians and motorists. Duties include design of concrete medians, speed tables, bulbouts, driver feedback signs, and pavement markings; preparation of construction documents, including site plans, grading plans, and traffic control plans; obtaining necessary permits and environmental clearances; and conducting public informational meetings.	On-going	☒ Check if project performed with current firm
d. (1) TITLE AND LOCATION (City and State) Pohoiiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation Puna, Hawai'i (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager responsible for planning, permitting, and design services to excavate and dredge volcanic debris and black sand from the entrance channel and turning basin for the Pohoiiki Boat Ramp. Duties include preparation of a Pre-Design Letter Report with recommendations for dredging limits and depths, proposed hazard mitigation for erosion control, confirmation of required permits and agency approvals, and engineering analysis; preparation of construction drawings, technical specifications, and cost estimate for the selected alternative; project coordination; and services during bidding and construction.	On-going	☒ Check if project performed with current firm
e. (1) TITLE AND LOCATION (City and State) Miscellaneous Permanent Best Management Practices, Phase 3 Island-wide, O'ahu, Hawai'i (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Project Manager for civil engineering and environmental permitting services for the design of Permanent Best Management Practices (BMPs) at various locations on O'ahu. Duties included site investigation and condition assessment; preparation of drainage report, hydraulic calculations, Permanent BMP Design Report, and construction documents; obtaining all necessary permits and clearances; services during bidding and construction; and project management duties including coordination with subconsultants, applicable government agencies, utility companies, and private property owners.	2022	On-going



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DCCA Professional Vocational Licensing

General License



License ID

PE-14993

License Type

PROFESSIONAL ENGINEER

Legal License Name

TREVOR R VAGAY

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

06/05/2012

Expiration Date

04/30/2024

Restriction

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Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Class Prefix

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Business Code

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Business Address

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Other Business/Person/DBA Names



Records Per Page



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Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries

Previous

Next

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Yvonne Turro, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 28</td> <td>b. WITH CURRENT FIRM 17</td> </tr> </table>		a. TOTAL 28	b. WITH CURRENT FIRM 17						
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15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i											
16. EDUCATION (Degree and Specialization) BS/1990/Civil Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAII 2004/ Civil Engineering (No. 11144) HAWAII 2023/CCH DPP Certified Erosion and Sediment Control Plan Preparer HAWAII 2023/CCH DPP Certified Water Pollution Plan Preparer HAWAII 2023/CCH DPP Erosion and Sediment Control Plan Coordinator HAWAII 2023/EnviroCert Certified Professional in Erosion and Sediment Control									
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i American Society of Civil Engineers Hawai'i Water Environment Association Water Environment Federation											
19. RELEVANT PROJECTS											
<table border="1"> <tr> <td data-bbox="99 751 971 831"> (1) TITLE AND LOCATION (City and State) Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i </td> <td colspan="2" data-bbox="971 751 1555 831"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="99 831 1555 995"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm a. Project Manager 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 and coordination of planning, design, and construction activities. Duties include project coordination; technical review of project submittals, environmental documentation, and other major permits and clearances; assistance with the development of standardized guidelines, procedures, and requirements; performing constructability reviews of plans and specifications and providing recommendations to avoid conflicts, improve clarity, and correct errors; and attendance at meetings. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm a. Project Manager 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 and coordination of planning, design, and construction activities. Duties include project coordination; technical review of project submittals, environmental documentation, and other major permits and clearances; assistance with the development of standardized guidelines, procedures, and requirements; performing constructability reviews of plans and specifications and providing recommendations to avoid conflicts, improve clarity, and correct errors; and attendance at meetings.		
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<table border="1"> <tr> <td data-bbox="99 1541 971 1621"> (1) TITLE AND LOCATION (City and State) NPDES Improvements for the Kane'ohe/Kahuku Police Stations Kane'ohe and Kahuku, Hawai'i </td> <td colspan="2" data-bbox="971 1541 1555 1621"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If Applicable) 2021</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="99 1621 1555 1764"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm d. Project Manager to minimize and improve the quality of storm runoff at the Kane'ohe and Kahuku Police Stations with permanent BMPs. Project duties included an assessment of existing conditions; review and research of existing as-built data; and preparation of various environmental documents, permits, and/or permit exemptions. Design services included drainage investigation; preparation of construction documents, drainage report, Storm Water Quality Report, and Permanent BMP O&M Plan; project coordination; and services during bidding and construction. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) NPDES Improvements for the Kane'ohe/Kahuku Police Stations Kane'ohe and Kahuku, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES 2018</td> <td>CONSTRUCTION (If Applicable) 2021</td> </tr> </table>		PROFESSIONAL SERVICES 2018	CONSTRUCTION (If Applicable) 2021	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm d. Project Manager to minimize and improve the quality of storm runoff at the Kane'ohe and Kahuku Police Stations with permanent BMPs. Project duties included an assessment of existing conditions; review and research of existing as-built data; and preparation of various environmental documents, permits, and/or permit exemptions. Design services included drainage investigation; preparation of construction documents, drainage report, Storm Water Quality Report, and Permanent BMP O&M Plan; project coordination; and services during bidding and construction.		
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<table border="1"> <tr> <td data-bbox="99 1764 971 1843"> (1) TITLE AND LOCATION (City and State) DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui </td> <td colspan="2" data-bbox="971 1764 1555 1843"> (2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table> </td> </tr> <tr> <td colspan="3" data-bbox="99 1843 1555 2001"> (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm e. Project Manager 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; preparation of construction documents; services during bidding and construction; and project coordination with subconsultants, client, and government agencies. </td> </tr> </table>				(1) TITLE AND LOCATION (City and State) DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE [x] Check if project performed with current firm e. Project Manager 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; preparation of construction documents; services during bidding and construction; and project coordination with subconsultants, client, and government agencies.		
(1) TITLE AND LOCATION (City and State) DOT Maui District MS4 Program – Kahului Baseyard Improvements Kahului, Maui	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)							
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DCCA Professional Vocational Licensing

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General License



License ID

PE-11144

License Type

PROFESSIONAL ENGINEER

Legal License Name

YVONNE M TURRO

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

03/25/2004

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Class Prefix

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Business Code

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Educational Code

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Business Address

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Other Business/Person/DBA Names

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Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jessica Agsalda, P.E.	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE <table border="1"> <tr> <td>a. TOTAL 12</td> <td>b. WITH CURRENT FIRM 7</td> </tr> </table>		a. TOTAL 12	b. WITH CURRENT FIRM 7
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15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i					
16. EDUCATION (Degree and Specialization) BS/2010/Civil Engineering MS/2013/Environmental Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAII 2016/Civil Engineering (No. 16861)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i American Water Works Association Hawai'i Water Environment Association – Secretary, 2023-2024 Water Environment Federation					
19. RELEVANT PROJECTS					
a. (1) TITLE AND LOCATION (City and State) Lead Service Line Inventory, Water Quality Study, and Related Technical Services Island-wide, O'ahu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Project Manager 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.					
b. (1) TITLE AND LOCATION (City and State) Drainage Improvements at Various Locations O'ahu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Project Manager to provide technical engineering services to assist the Department of Design and Construction, Civil Division with project management, scope of work development, and conceptual design services for drainage improvements at various locations on O'ahu. Responsible for project management duties including coordination with utility companies, design consultants, contractors, and other government agencies; scope development; site investigation and condition assessment; preparation of hydraulic calculations, erosion control and traffic control plans, and construction documents; obtaining all necessary permits and clearances; services during bidding and construction; and tracking and reviewing Contractor's submittals for conformance to the contract documents and response to Requests for Information (RFIs).					
c. (1) TITLE AND LOCATION (City and State) Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Project Manager 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. Duties include project coordination; technical review of project submittals, environmental documentation, and other major permits and clearances; performing constructability reviews of plans and specifications and providing recommendations to avoid conflicts, improve clarity, and correct errors; and attendance at progress meetings.					
d. (1) TITLE AND LOCATION (City and State) P&E Work for Haleola Street Area Water System Improvements Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Project Manager for the installation of approximately 12,055 linear feet of 4-, 8-, and 12-inch waterlines in addition to laterals, fire hydrants, and appurtenances in the upper area of Niu Valley. Duties include the evaluation and design of waterline replacement alternatives at stream/drainage crossings; preparation of plans, specifications, cost estimates, traffic control plans, and repaving and striping plans; obtaining all necessary permits and clearances; project coordination; services during bidding and construction; and assistance with Neighborhood Board meetings.					
e. (1) TITLE AND LOCATION (City and State) Wahiawa Reclaimed Water Irrigation System Wahiawa, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm Project Manager providing civil planning, environmental permitting, and design services for 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.					



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DCCA Professional Vocational Licensing

General License



License ID

PE-16861

License Type

PROFESSIONAL ENGINEER

Legal License Name

JESSICA A AGSALDA

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

01/19/2016

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

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Class Prefix

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Business Code

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Educational Code

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Business Address

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Other Business/Person/DBA Names

Records Per Page Columns to Show Search:

Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

Showing 0 to 0 of 0 entries Previous Next

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 <table border="1"> <tr> <td>a. TOTAL 15</td> <td>b. WITH CURRENT FIRM 15</td> </tr> </table>		a. TOTAL 15	b. WITH CURRENT FIRM 15
a. TOTAL 15	b. WITH CURRENT FIRM 15				
15. FIRM NAME AND LOCATION (City and State) The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i					
16. EDUCATION (Degree and Specialization) BS/2008/Civil Engineering MBA/2017/Business Administration		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) HAWAII 2017/Civil Engineering (No. 17843)			
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) American Council of Engineering Companies of Hawai'i American Planning Association American Society of Civil Engineers					

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)		(2) YEAR COMPLETED			
		PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)		
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Planner providing technical engineering services to assist with the implementation of the State's Storm Water Management Program Plan. Duties include determining regulatory permitting and compliance requirements for erosion control projects and debris clearing activities, coordinating permit application and agency review schedules with the DOT and government agencies (USACE, DOH, DLNR, and county), preparing compliance documents and permit applications (HRS Chapter 343, Department of the Army Permits, NPDES Permits, and Stream Channel Alteration Permits), and review of NPDES permitting requirements and regulatory compliance tasks such as review of USACE and SCAP permitting requirements for stream crossings.	[x] Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Kalaeloa Seawater Desalination Facility Design-Build-Operate-Maintain Ewa, O'ahu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	[x] Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) P&E Work for Waiawa 228 Reservoirs Environmental Assessment Waipahu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) 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.	[x] Check if project performed with current firm				
(1) TITLE AND LOCATION (City and State) Project Management Services for Security Projects Honolulu, Hawai'i	(2) YEAR COMPLETED <table border="1"> <tr> <td>PROFESSIONAL SERVICES On-going</td> <td>CONSTRUCTION (If Applicable)</td> </tr> </table>			PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)
PROFESSIONAL SERVICES On-going	CONSTRUCTION (If Applicable)				
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE Environmental Planner to assist the BWS in project management of the Security Capital Improvement Program (CIP). Responsibilities include conducting site visits to evaluate existing physical security systems and alternatives, defining and prioritizing physical security CIP projects, and preparing environmental documentation and permit applications and processing approvals.	[x] Check if project performed with current firm				



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Showing 0 to 0 of 0 entries Previous Next

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21. TITLE AND LOCATION (City and State) Sewage Treatment Plant Improvements at Kupuna Home O'Waiialua Waiialua, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2009	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawai'i Hawai'i Public Housing Authority	b. POINT OF CONTACT NAME Ms. Becky Choi, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 832-5315

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



Completed treatment system site

Planning and Design Fee - \$394,000
Construction Cost - \$942,000

Scope

Civil planning, design, and construction management services for the evaluation and replacement of an existing on-site wastewater treatment plant that services approximately 40 housing units.

Relevant Project Elements

- ✓ Feasibility Study and Analysis
- ✓ Environmental Assessment
- ✓ Construction Management
- ✓ Permit Applications
- ✓ Construction Documents
- ✓ Public Meetings and Outreach

Planning

TLCG prepared an Alternatives Analysis Report to evaluate the feasibility, provide cost estimates, and make recommendations for each of the following alternatives: connect to City sewer system, retrofit/rehabilitate the existing sewage treatment plant, construct a new gang septic system, and construct a new sewage treatment plant with reuse option.

Design

The recommended alternative was to construct a new Fixed-Film Media wastewater treatment system to be installed belowground within a concrete tank. The new wastewater treatment system included an underground pretreatment septic tank, underground pump station, aboveground aeration blowers with variable speed drives, an emergency generator, replacement of existing leach field and installation of new leach field, a chlorine disinfection system, and closure of the existing injection wells.

This package treatment plant design allowed the contractor to construct the new treatment plant while maintaining service to the existing treatment plant.

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 2009.

Construction Management

Construction administration and management services included construction observation; weekly coordination meetings and site visits; tracking and reviewing requests for information, submittals, and shop drawings from the contractor; monitoring construction schedule; and reviewing payment requests.

Project Highlight

The project was a federal stimulus project which required a short design schedule. Frequent meetings and communication with owners and government agencies allowed the design to be completely on schedule.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME ECS, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Electrical Engineering
b.	(1) FIRM NAME Iwamoto Engineering Consultants, Inc.	(2) FIRM LOCATION (City and State) 'Aiea, Hawai'i	(3) ROLE Structural Engineering
c.	(1) FIRM NAME Pacific Geotechnical Engineers, Inc.	(2) FIRM LOCATION (City and State) Waipahu, Hawai'i	(3) ROLE Geotechnical Engineering
d.	(1) FIRM NAME ControlPoint Surveying, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Land Surveying

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 (City and State) Sewer Improvements and Electrical Upgrades to the Kapa'a Housing Project Kapa'a, Kaua'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2013	CONSTRUCTION (If applicable) 2016

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawai'i Hawai'i Public Housing Authority	b. POINT OF CONTACT NAME Ms. Becky Choi, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 832-5315

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



Upgraded pump station building and new diesel generator

Planning and Design Fee - \$206,000
Construction Cost - \$1,743,000

Scope

Civil planning and design services for sewer improvements and electrical upgrades to the Kapa'a Housing Project.

Relevant Project Elements

- ✓ Feasibility Study and Analysis
- ✓ Construction Documents
- ✓ Permit Applications
- ✓ Construction Observation

The intent of the project was to investigate the existing conditions of the gravity sewer collection system, sewer pump station, and electrical infrastructure related to the existing pump station in order to research and develop repair methodologies.

Planning

TLCG performed an evaluation of the existing gravity sewer system and sewer pump station and prepared a Letter Report that highlighted the condition and performance of the existing gravity sewer, sewer pump station, and deficiencies in the electrical power supply and infrastructure; identified concerns regarding operation and maintenance procedures; and recommended proposed improvements.

Design

The Letter Report recommended replacement of the existing gravity sewer lines (mains and laterals) with structural damage; cured-in-place pipe (CIPP) rehabilitation of all gravity sewer lines and epoxy lining of all manholes to address infiltration; epoxy lining of the existing pump station wet well to prolong its life expectancy; and upgrading the existing single-phase power system to a three-phase power system with upgraded submersible pumps, level probe, flow meter, diesel emergency

generator, automatic transfer switch, and communication infrastructure.

TLCG was responsible for preparing construction documents and cost estimates, developing a construction phasing plan, obtaining permits necessary for construction, developing an O&M manual, and providing services during bidding and construction.

Construction Observation

Construction observation services included site visits and attendance at jobsite meetings, monitoring construction schedule and identifying long lead items which may adversely impact the construction schedule, review of all monthly progress payment requests and construction modifications, conducting final inspection, and preparing record drawings from the contractor's marked-up as-built construction set.

Project Highlight

Use of lateral lining provided a cost-effective way to rehabilitate the existing sewer laterals with minor sewer service disruption to HPHA residents.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
	ECS, Inc.	Honolulu, Hawai'i	Electrical Engineering
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(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
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21. TITLE AND LOCATION (City and State) IWS and Site Improvements, PHA Wide Hawai'i Island and Kaua'i, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION (If applicable) 2018

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER State of Hawai'i Hawai'i Public Housing Authority	b. POINT OF CONTACT NAME Ms. Becky Choi, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 832-5315

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



Seepage pit installation at Nani Olu

Planning and Design Fee - \$221,000

Construction Cost - \$254,000

Scope

Civil planning and design services for improvements to individual wastewater systems at various HPHA housing projects on Hawai'i Island and Kaua'i.

Relevant Project Elements

- ✓ Feasibility Study and Analysis
- ✓ Construction Documents
- ✓ Permit Applications
- ✓ Construction Administration

Planning

TLCG was responsible for investigating maintenance and structural problems at individual wastewater systems at HPHA housing projects on Hawai'i Island and Kaua'i; performing an alternatives analysis; and preparing a final letter report with recommended improvements, preliminary project schedule, and preliminary construction cost estimates.

Design

The recommended improvements included open cut trench replacement of portions of sewer line that have sags which could result in hydraulic deficiencies, re-lining seepage pits with precast concrete rings for reinforcement, manhole risers to improve access to seepage pits, installing rain catchers at septic tanks, and closures of septic tanks not in use in accordance with DOH rules.

Design duties included preparation of construction drawings, technical specifications, and cost estimates; design of BMPs; obtaining permits and DOH approvals necessary for construction; and providing services during bidding and construction.

Construction Administration

Construction administration services included site visits and attendance at jobsite meetings, monitoring the work of the contractor and construction schedule, resolving conflicts, review of construction submittals and monthly progress payment requests, conducting final inspection, maintaining project records, and preparing record drawings from the contractor's marked-up as-built construction set.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a. b. c. d. e.	(1) FIRM NAME Iwamoto Engineering Consultants, Inc. (1) FIRM NAME Hirata & Associates, Inc. (1) FIRM NAME (1) FIRM NAME (1) FIRM NAME	(2) FIRM LOCATION (City and State) 'Aiea, Hawai'i (2) FIRM LOCATION (City and State) 'Aiea, Hawai'i (2) FIRM LOCATION (City and State) (2) FIRM LOCATION (City and State) (2) FIRM LOCATION (City and State)	(3) ROLE Structural Engineering (3) ROLE Geotechnical Engineering (3) ROLE (3) ROLE (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
21. TITLE AND LOCATION (City and State) Pohoiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation Puna, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)

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

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
- ✓ Construction Documents

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 (City and State) Kailua, Hawai'i	(3) ROLE Archaeology
b.	(1) FIRM NAME AECOS, Inc.	(2) FIRM LOCATION (City and State) Kane'ohe, Hawai'i	(3) ROLE Biological Reconnaissance and Water Quality Investigations
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(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
21. TITLE AND LOCATION (City and State) Project Management Services for Security Projects Honolulu, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Board of Water Supply City and County of Honolulu	b. POINT OF CONTACT NAME Mr. Mike Domion, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 748-5740

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



Palisade fencing installation at Mariner's Ridge 170 Reservoir & Booster 1

Fee - \$3,413,000
Construction Cost - \$8,300,000

Scope

Technical engineering services to assist the Honolulu Board of Water Supply (BWS) in project management of the Security Capital Improvement Program (CIP).

Relevant Project Elements

- ✓ Planning
- ✓ Construction Documents
- ✓ Permit Applications
- ✓ Project Management/Coordination
- ✓ Public Meetings and Outreach

TLCG is currently assisting in the coordination of project activities with the various BWS divisions; external City, State, and Federal agencies; contractors and suppliers; and utility companies. Duties also include site assessment and design of site improvements to enhance perimeter security at various BWS facilities and assisting the BWS with soliciting, selecting, oversight, and coordination of contractors selected by the BWS for the Security CIP.

Services to be performed under this contract include:

- Conduct site visits and identify perimeter security deficiencies and improvements
- Evaluate BWS security systems (fencing, pump/equipment enclosures, building security), make recommendations, and assist in the development of specifications and BWS Water System Standards
- Evaluate feasibility of existing fence system retrofits and/or replacement
- Assist with defining physical security CIP projects, prioritizing CIP projects, and the development of a physical security CIP program
- Coordinate the work activities, schedules, and scopes of work related to and affected by the projects with other BWS Divisions

- Provide updated project timeline for BWS approval showing significant milestones, including submittals
- Provide project budget tracking to comply with the annual Security CIP budget
- Coordinate project and work requirements with other City, State, and Federal agency requirements and provide liaison with such agencies
- Coordinate and conduct public informational meetings, provide public relations support, and provide liaison with stakeholders and elected officials
- Provide technical review and drafting of environmental documentation and other major permits and clearances, including the possibility of SHPD and DCAB review
- Assist in the preparation of environmental documentation and permit applications and processing of approvals
- Assist in the review of standardized guidelines, procedures, and requirements on related policy matters
- Prepare civil design drawings and technical specifications to complete the Security CIP projects

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Nagamine Okawa Engineers, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Structural Engineering
b.	(1) FIRM NAME Line of Sight, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Land Surveying
c.	(1) FIRM NAME Cultural Surveys Hawai'i, Inc.	(2) FIRM LOCATION (City and State) Kailua, Hawai'i	(3) ROLE Archaeology
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(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
21. TITLE AND LOCATION <i>(City and State)</i> Project Management Services for the BWS Water Master Plan – Phase 2 and 3 Honolulu, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2017	CONSTRUCTION <i>(If applicable)</i> N/A

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Board of Water Supply City and County of Honolulu	b. POINT OF CONTACT NAME Mr. Russell Stepp	c. POINT OF CONTACT TELEPHONE NUMBER (206) 618-3101

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



Ka'ono'hi 550 Reservoir

Fee - \$466,000

Scope

Technical engineering services to assist Stepp Consulting in their efforts to provide services to the Honolulu Board of Water Supply (BWS) in project management and coordination of planning, design, and construction activities.

Relevant Project Elements

- ✓ Planning
- ✓ Construction Documents
- ✓ Permit Applications
- ✓ Project Management
- ✓ Construction Management
- ✓ Operations and Maintenance Coordination

TLCG assisted Stepp Consulting in their efforts to coordinate BWS project activities with BWS Management, Engineering, Long-Range Planning, Construction, Maintenance and Operations, and their consultants.

Services performed under this contract included:

- Coordinating directly with all BWS divisions on behalf of the project team to ensure proper permits are obtained, design drawings and documents are completed, and construction is completed as intended;
- Assisting in the development of scopes of work, BWS record and data searches, and in the preparation and review of contract documents and amendments;
- Providing technical review and documentation of consultants' and contractors' submittals;
- Ensuring that submittals and billings submitted by consultants and contractors comply with contract documents;

- Overseeing consultants' conditions assessment inspections of BWS facilities and assets;
- Coordinating project and work requirements with other City, State, and Federal agency requirements as required;
- Coordinating consultants' investigative activities with BWS personnel including Field and Water System Operations, Capital Projects, and IT Divisions;
- Assisting in the development of approved field guidelines, procedures, and requirements;
- Attending progress meetings with consultants and BWS personnel; and
- Performing construction coordination services including jobsite meetings; constructability reviews of plans and specifications; and providing recommendations to avoid conflicts, improve clarity, and correct errors.

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 7
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21. 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	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. Erwin Kawata	c. POINT OF CONTACT TELEPHONE NUMBER (808) 527-6141

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



Planning Fee - \$10,220,000

Scope
Provide technical engineering services and assist the Honolulu Board of Water Supply (BWS) in their efforts to bring operations in compliance with the revised U.S. Environmental Protection Agency (EPA) Lead and Copper Rule.

Relevant Project Elements

- ✓ EPA Compliance
- ✓ Public Outreach
- ✓ Program Management / Coordination

TLCG is currently providing technical engineering services to assist the BWS in complying with the requirements imposed by the revised EPA Lead and Copper Rule. In addition to overall program development and management, the project scope is broken out into the following tasks:

Lead Service Line (LSL) Inventory

TLCG will prepare an LSL inventory to identify and catalog the presence of lead, copper, galvanized piping, ferrous piping materials, and other pipe materials in the BWS water distribution system; identify all service lines connected to the BWS water distribution system; and coordinate with BWS staff including Water Quality, IT, Construction and Field Operations and all other agencies and organizations as needed to conduct the inventory.

Lead and Copper Sampling Site List

TLCG will prepare a list of sampling sites for each BWS water system that meet the criteria: single-family structures served by an LSL, multiple-family residences served by an LSL, and single-family structures that contain coper pipes with lead solder installed before the elective date of the Hawai‘i state lead ban.

Lead and Copper in Tap Water Sampling and Analysis

TLCG is responsible for contacting property owners to request their assistance in collecting first-draw tap water samples, contracting a private laboratory certified to perform drinking water analyses using EPA-approved methods for lead and copper analysis, and compiling all results and notifying all property owners of the test results.

LSL Replacement Plans

TLCG will develop and prepare various replacement plans to include full lead service line replacement and partial lead service line replacement plan. This plan will include Public Outreach and Funding coordination.

Monitoring for Lead in Schools and Child Care Facilities

TLCG is responsible for preparing a list of all schools and licensed child care facilities for each BWS water system, performing outreach services – explaining the testing program and scheduling sampling, and coordinating sampling at each location (noting any school or child care facility that refuses entry or declines participation).

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME Jacobs Engineering Group, Inc.	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawai‘i	(3) ROLE Program Management and Water Quality Consulting
b.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION <i>(City and State)</i> Honolulu, Hawai‘i	(3) ROLE Water Quality Investigation and Sampling
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
21. TITLE AND LOCATION (City and State) Statewide Storm Water Management Program Statewide, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)

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)



Hydrodynamic Separator being installed for stormwater quality improvements

Fee - \$7,750,000
Construction Cost - \$11,824,000

Scope

Program management and technical engineering services to assist with the implementation of the State's Storm Water Management Program Plan (SWMPP) to reduce pollutants and improve stormwater quality.

Relevant Project Elements

✓ Construction Documents ✓ Permit Applications
 ✓ Environmental Assessment ✓ Public Meetings and Outreach

TLCG's project duties include:

- Construction Best Management Practices (BMPs):
 - ❖ Selection of appropriate temporary BMPs to minimize pollutants entering the State's stormwater system during construction
- Stormwater Quality Source Control BMPs:
 - ❖ Design of BMPs to minimize sediment and erosion via the use of erosion control matting, grouted riprap, concrete pavers, outfall retrofits, hydromulch, and vegetation
- Stormwater Quality Treatment Control BMPs:
 - ❖ Design of BMPs to improve stormwater quality via the use of vegetated bioswales, sediment basins, and manufactured treatment devices such as filter baskets, hydrodynamic separators, inlet and outlet screens, and water polishers
- Inspection and Reporting:
 - ❖ Inspection of industrial and commercial facilities for compliance with stormwater discharge into the State's stormwater system
 - ❖ Inspection of drainage outfalls to be cleaned on all State DOT highways
- Water Quality Monitoring and Reporting:
 - ❖ Maintenance and monitoring of rain gauges for erosion control projects
 - ❖ Collection of stormwater runoff in high priority watersheds for analysis of certain pollutants
- Regulatory Compliance:
 - ❖ Review of USACE and SCAP permitting requirements for stream crossings
 - ❖ Preparation of NPDES permits for discharge during construction activities
- Environmental Review:
 - ❖ Hawai'i Revised Statutes (HRS) Chapter 343 exemptions and EAs
 - ❖ State Historic Preservation Division (SHPD) consultation pursuant to HRS 6E and National Historic Preservation Act (NHPA) 106
 - ❖ Endangered species consultations pursuant to HRS 195D and Endangered Species Act Section 7
 - ❖ Army Corps of Engineers coordination
 - ❖ Coordination with various State resource agencies
- Community Outreach:
 - ❖ Coordinate public outreach events to increase stormwater awareness
- Environmental Assessment (EA):
 - ❖ Preparation of a Final EA pursuant to HRS Chapter 343 for the proposed O'ahu District Office Base Yard Canopy Extension and Maintenance Storage Building (Final EA was published in 2014)

Project Highlight

The BMPs were selected and designed based on their effectiveness to capture pollutants amidst challenging site conditions (e.g. limited right-of-way, steep embankment areas) while minimizing impacts to area residents and traffic.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(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 (City and State) Drainage Improvements at Various Locations O'ahu, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES On-going	CONSTRUCTION (If applicable)

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER City and County of Honolulu Department of Design and Construction	b. POINT OF CONTACT NAME Ms. Kristie Ching, P.E.	c. POINT OF CONTACT TELEPHONE NUMBER (808) 768-8800
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and cost)



Drainage culvert in need of repair along Old Kalaniana'ole Road

Fee - \$1,532,000

Scope

Technical engineering services to assist the Department of Design and Construction, Civil Division (DDC) with project management, scope of work development, and conceptual design services for drainage improvements at various locations.

Relevant Project Elements

- ✓ **Project Management / Coordination**
- ✓ **Feasibility Study and Analysis**
- ✓ **Construction Documents**

TLCG is currently coordinating various drainage improvement projects for the DDC. Technical services include planning, design, cost estimating, permitting, project management, coordination with utility companies, design consultants, contractors, homeowners, and other government agencies.

Services to be performed under this contract include:

- Coordination of all work activities and schedules to be performed under the various Work Orders, including emergency procurement when necessary
- Development of scopes of work to address areas of flooding, erosion, and structural or hydraulic drainage deficiencies
- Perform site visits to assess existing conditions and identify the cause and extent of drainage deficiencies
- Prepare hydrologic and hydraulic calculations to evaluate existing and future drainage conditions
- Prepare conceptual design reports to evaluate various drainage improvement alternatives

- Review of Contractor's submittals for conformance to the contract documents for construction and response to Requests for Information (RFIs)
- Preparation of environmental permit applications, construction plans, specifications, cost estimates, and erosion control and traffic control plans and services during bidding and construction

Projects include construction of a new 72-inch box culvert drain near Kapolei Parkway, channel stabilization measures to address scouring at a stream invert in Waimanalo, design of a relief drain line to alleviate ponding at the end of a cul-de-sac in Kahala, emergency repairs to address stream bank erosion and channel wall failures, outfall improvements and pipe replacement to repair a sinkhole in Kailua, and slope improvements to address erosion at a drainage outfall in Manoa.

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
a.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
b.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
c.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
d.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(3) ROLE
e.	(1) FIRM NAME	(2) FIRM LOCATION (City and State)	(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
21. TITLE AND LOCATION (City and State) Malaekahana State Recreation Area (SRA) – Kahuku Section, Park Improvements La'ie, Hawai'i	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2022	CONSTRUCTION (If applicable) 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

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
- ✓ Construction Documents
- ✓ Agency Coordination
- ✓ 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.

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			
a.	(1) FIRM NAME ECS, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Electrical Engineering
b.	(1) FIRM NAME Mechanical Enterprises, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Mechanical Engineering
c.	(1) FIRM NAME Iwamoto Engineering Consultants, Inc.	(2) FIRM LOCATION (City and State) 'Aiea, Hawai'i	(3) ROLE Structural Engineering
d.	(1) FIRM NAME Erskine Architects, Inc.	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Architecture
e.	(1) FIRM NAME EnviroServices & Training Center, LLC	(2) FIRM LOCATION (City and State) Honolulu, Hawai'i	(3) ROLE Environmental Planning, Hazardous Materials Management

[illegible]

29. EXAMPLE PROJECTS KEY

NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>	NUMBER	TITLE OF EXAMPLE PROJECT <i>(From Section F)</i>
1	Sewage Treatment Plant Improvements at Kupuna Home O'Waiialua	6	Project Management Services for the BWS Water Master Plan – Phase 2 and 3
2	Sewer Improvements and Electrical Upgrades to the Kapa'a Housing Project	7	Lead Service Line Inventory, Water Quality Study, and Related Technical Services
3	IWS and Site Improvements, PHA Wide	8	Statewide Storm Water Management Program
4	Pohoiki Boat Ramp Dredging of Volcanic Debris and Hazard Mitigation	9	Drainage Improvements at Various Locations
5	Project Management Services for Security Projects	10	Malaekahana State Recreation Area (SRA) – Kahuku Section, Park Improvements

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 Hawai'i's "Largest and Top Engineering Firms" every year since 2009.

Professional Engineering Capability

TLCG's clients include State, County, and Federal agencies, private-sector developers; privately-owned utilities; architects; and other consulting firms. The range of professional services TLCG provides include:

- ✓ civil engineering design (emphasis in wastewater, water, stormwater, and water reuse infrastructure)
- ✓ stormwater pollution prevention and control
- ✓ site development
- ✓ grading and drainage
- ✓ roads
- ✓ infrastructure assessments
- ✓ engineering feasibility studies
- ✓ environmental planning and permitting
- ✓ construction management and observation
- ✓ program management

WASTEWATER

TLCG consistently demonstrates a complete understanding of wastewater systems, including collection systems, pump stations, force mains, treatment, disposal, and effluent reuse. First-hand experience with the Hawai'i Department of Health and US Environmental Protection Agency regulations provides TLCG with the best opportunity for project success.

TLCG is proficient in planning, design, and construction management of wastewater infrastructure having completed dozens of projects throughout Hawai'i, including Consent Decree projects. The engineering team is experienced in traditional and cutting-edge pipe rehabilitation technologies such as grouting, open cut trenching, cured-in-place pipe, slip-lining, spiral wound PVC, pipe bursting, horizontal directional

drilling, and microtunneling. Armed with a complete toolbox, TLCG engineers are able to recommend the most beneficial and practical construction methods for the client.

TLCG's engineers are certified by NASSCO's Pipeline Assessment and Certification Program (PACP), Manhole Assessment and Certification Program (MACP), and Lateral Assessment and Certification Program (LACP). With this knowledge, TLCG provides reliable recommendations by using an industry-standardized method of evaluating sewer conditions.

WATER

TLCG engineers have extensive experience in private and municipal water systems. The company successfully completed design of potable and non-potable water infrastructure ranging from 4 to 16 inches in diameter. The team is experienced in recycled water infrastructure and design of reservoir facilities, including booster pumps and auxiliary infrastructure.

WATER RESOURCES

To sustain precious drinking water sources, TLCG recognizes the value of integrating water reuse and water conservation programs into Hawai'i's water resource management plan. TLCG was vital to the development of Hawai'i's integrated water resource planning framework.

* Hawai'i Water Reuse Survey and Report *
* Hawai'i Water Conservation Manual *

STORMWATER

TLCG has comprehensive stormwater infrastructure experience, including design and construction of stormwater pollution prevention devices (erosion control and permanent BMP), development of stormwater pollution prevention and control plans, identification and elimination of harmful stormwater pollution sources, and stormwater monitoring. In 2015, TLCG developed a Low Impact Development (LID) design manual for DOT Highways division and is currently establishing a new NPDES compliance training program for the City and County of Honolulu, Department of Design and Construction.

TLCG's engineers have participated in EnviroCert International's professional stormwater accreditation program, receiving Certified Professional in Erosion and Sediment Control (CPESC) and Certified Erosion, Sediment and Storm Water Inspector (CESSWI) certifications. TLCG has six engineers and inspectors who are CISEC-certified, demonstrating a comprehensive understanding about stormwater pollution prevention. In addition, TLCG engineers and planners have completed the City and County of Honolulu's Storm Water Training program, becoming Certified Water Pollution Plan Preparers (CWPPP), Certified Erosion and Sediment Control Plan Preparers (CESCPP), and Erosion and Sediment Control Plan Coordinators (ESCP).

SITE DEVELOPMENT

TLCG has designed site improvements to accommodate new commercial warehouses, office and modular buildings, sidewalk and parking lot extensions, and residential units. TLCG is dedicated to providing clients with quality work in a timely and cost-efficient manner. The engineering team has successfully designed numerous projects involving challenging grading and drainage conditions, onsite wastewater disposal systems, and complicated site configurations.

ROADS

TLCG has led a wide range of roadway design projects, including new roadway design, roadway realignment, street rehabilitation, and traffic calming improvements. TLCG recognizes that improvements are designed not only to address traffic demands, but to provide safe travel for drivers, pedestrians, and bicyclists. TLCG employs pre-design charrette planning and public informational meetings to understand problems, engage residents, and gain acceptance of proposed improvements. TLCG utilizes 3D visualization software as a design and communication tool to improve the evaluation of proposed improvements.

FEASIBILITY STUDIES

TLCG is skilled in engineering feasibility studies and infrastructure assessments. The company completed dozens of engineering feasibility studies and infrastructure master plans for educational campuses, health care facilities, commercial development, and residential development. TLCG feasibility studies are valuable and proven landowner assets realized through successful design and construction.

ENVIRONMENTAL PLANNING

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

Published 22 EAs with OEQC

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

GIS

TLCG has extensive experience with geographic information system (GIS) technology to efficiently analyze and display geographic and utility information. GIS analysts help utility owners maximize infrastructure potential by using database operations to create information-rich maps.

CONSTRUCTION MANAGEMENT

The TLCG construction team is led by two Certified Construction Managers accredited by the Construction Management Association of America. TLCG construction managers minimize costly project delays and cost overruns by communicating effectively and working closely with the contractor and owner to ensure that construction is completed with minimal public disruptions. The TLCG approach to construction management consistently saves owners time and money, while ensuring a quality work product.

In addition to traditional construction management tasks, TLCG has provided project management services on challenging projects with issues during construction. TLCG supports the owner on projects administered by other consultants until resolution is achieved and the project is completed. Tasks include exploring new alternatives to optimize the internal construction management process, management forecasting and preparation, privately-constructed asset acceptance and turnover, and internal agency coordination and communication.

PROGRAM MANAGEMENT

In addition to serving as the design consultant on capital improvement projects, TLCG is also relied upon heavily by the Board of Water Supply and the City and County of Honolulu's Department of Environmental Services to provide program management services. Tasks completed under this capacity are diverse and include interdepartmental and interagency project coordination; assisting with development of contract documents, field guidelines, and procedures; oversight of other design consultants; and performing construction coordination services.

PUBLIC OUTREACH

TLCG has successfully completed numerous public outreach campaigns to inform government agencies, stakeholders, and affected residents of project goals and construction impacts in a timely and effective manner. TLCG gains public trust and acceptance, avoiding costly project setbacks. A recent successful outreach campaign came from a controversial

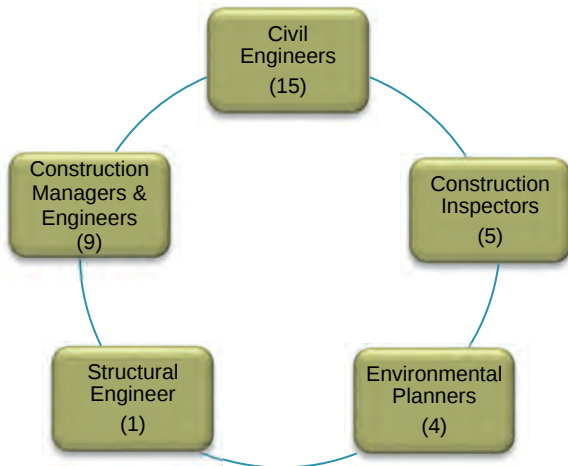
\$200M sewer tunnel project in Windward O'ahu where dozens of Kailua residents feared property damage during construction.

Experience and Professional Qualifications

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.

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

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. His construction-related experience in Hawai'i includes Design-Bid-Build, CM-at-Risk, and Design-Build projects, and he is responsible for all construction management and observation projects.

In addition, Mr. Arakaki 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, TCG 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 site and infrastructure 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, stormwater quality, erosion and sediment 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.

Kyle Kaneshiro, P.E., LEED AP



Mr. Kaneshiro has 28 years of civil and sanitary engineering experience with an emphasis on site development and wastewater system design. He has an extensive background in the development of municipal and private facilities including pump stations and treatment plants, municipal and private utilities, drainage and stream studies, and government permits.

Mr. Kaneshiro specializes in utility infrastructure for site development projects, including subdivisions, commercial and industrial developments, schools, resorts, recreational facilities, and private residences.

Eric Arakawa, P.E., LEED AP, CCM



Mr. Arakawa has 21 years of civil engineering design and construction experience. His projects include roadway infrastructure and utilities design, site development, and construction management of water and wastewater upgrades. He was selected as Hawai'i's Young Engineer of the Year in 2016.

Joe Kwan, P.E., LEED AP



Mr. Kwan has 16 years of civil and sanitary engineering experience. His expertise is in the planning, design, and construction management of wastewater collection systems, pump stations, force mains, and treatment facilities. He is also experienced with site development and utilities design.

Jennifer Lim, P.E.



Ms. Lim has 15 years of civil and sanitary engineering experience. Her projects include planning, design, and management of water and wastewater systems, design-build projects, utilities design, site development, and irrigation systems.

Trevor Vagay, P.E.



Mr. Vagay has 15 years of civil, stormwater, and sanitary engineering experience. His design projects include stormwater quality treatment, wastewater collection systems, utilities design, site development, residential subdivisions, and roadway improvements.

Yvonne Turro, P.E.



Ms. Turro has 28 years of experience in the civil engineering field with an emphasis on land development and Low Impact Development (LID) improvements. Her projects include engineering feasibility studies, best management practices (BMP) design for stormwater quality treatment and pollution prevention, and residential and commercial site development.

Jessica Agsalda, P.E.



Ms. Agsalda has 12 years of experience in civil engineering. Her projects include subdivisions, potable water wells, reservoirs, wastewater system design, utilities design, and street rehabilitation.

Brandon Whitaker, P.E.



Mr. Whitaker has 12 years of experience in civil engineering and construction management. His projects include stormwater pollution prevention, wastewater collections systems, force mains, and pump stations.

Justin Barnes, P.E.



Mr. Barnes has 9 years of experience on civil and sanitary engineering projects. His projects include wastewater system design, stormwater pollution prevention, and construction management.

Megan Ueno, P.E.



Ms. Ueno has 11 years of civil engineering design and construction experience. Her projects include design of wastewater collection systems, stormwater erosion control, roadway infrastructure, utility improvements, and site development, and construction management.

Kevin Fong, P.E.



Mr. Fong has 17 years of experience on civil and structural engineering projects. His projects include water quality studies, project management, construction management, and the repair/renovation/retrofit of existing structures.

Jason Nakata, P.E.



(SHPD, US Fish and Wildlife).

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

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



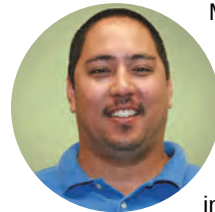
Ms. Bernier has 8 years of experience in environmental compliance. Her duties include assistance with environmental permitting for stormwater and civil infrastructure projects. She also conducts inspections and provides guidance on stormwater Best Management Practices for construction projects.

David Goya



Mr. Goya has over 42 years of construction experience, including 15 years as a Construction Inspector for the City and County of Honolulu on roadway, drainage, and wastewater (treatment plants, pump stations, and sewer lines) construction projects.

Paul Serikawa



Honolulu's NPDES Permit.

Mr. Serikawa has 14 years of construction inspection experience on stormwater pollution prevention projects, including construction oversight and administration services for the Hawai'i Department of Transportation Storm Water Management Program Plan and 3rd party stormwater inspections for the City and County of

Scott Lai



Mr. Lai has 8 years of experience on asphalt concrete paving, water, and wastewater construction projects. His projects include removal and installation of new asphalt pavement, restriping of parking lots and roadways, and construction management of water and wastewater infrastructure upgrades.

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. TLCG 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. TLCG 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. TLCG 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. TLCG understands commitment to quality customer service is more important than profitability. TLCG 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 TLCG 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, TLCG 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. TLCG engineers are empowered to create and cultivate professional relationships with clients and approving agencies to ensure project success. TLCG engineers are encouraged to communicate both good and bad news because it's the right thing to do. Effective communication – which TLCG 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. TLCG invests in training employees across the three disciplines because adaptable engineers are better prepared to solve difficult problems. TLCG engineers are prepared with broader experiences, armed with deeper appreciation of the various phases of a project life cycle. This core philosophy also allows TLCG to use engineers interchangeably to manage dynamic workloads. TLCG staff members are prepared to temporarily assist with critical deadlines, thereby increasing TLCG 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. TLCG 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 TLCCG 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

1. SOLICITATION NUMBER (If any)
23-24

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

[illegible]

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	1	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	7	2. \$100,000 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	7	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

The foregoing is a statement of facts.

a. SIGNATURE 	b. DATE June 29, 2023
c. NAME AND TITLE Ian Y. Arakaki, Principal	