

# County of Hawai'i Housing and Community Development

## Statement of Qualifications: OH.3) Construction Management/Inspector

June 2023



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



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



**THE LIMTIACO CONSULTING GROUP**  
CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS

June 29, 2023

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

**Re: Notice to Providers of Professional Services**

Dear Ms. Kunz:

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

- **Category OH.3) Construction Management/Inspector**

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.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	1622 Kakanui Street Honolulu, Hawai'i 96817	Civil Engineering
b.			X	SSFM International, Inc.  <input type="checkbox"/> CHECK IF BRANCH OFFICE	501 Sumner Street #620 Honolulu, Hawai'i 96817	Construction Inspection, Specialized Inspection
c.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
d.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
e.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
f.				  <input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

**[ X ]** *(Attached)*



THE LIMTIACO CONSULTING GROUP  
CIVIL ENGINEERING AND ENVIRONMENTAL CONSULTANTS

### CONSTRUCTION TEAM

Ian Arakaki, P.E., CCM, Principal-in-Charge  
Kyle Kaneshiro, P.E., LEED AP, Principal Engineer  
Eric Arakawa, P.E., LEED AP, CCM, Associate Principal  
Construction Manager  
Brandon Whitaker, P.E., Civil Engineer  
Megan Ueno, P.E., Civil Engineer  
Justin Barnes, P.E., Civil Engineer  
Keving Fong, P.E., Structural Engineer  
Davi Corcio-Alvarez, E.I.T., Construction Engineer  
Jerome Do, Construction Engineer  
David Goya, Senior Construction Inspector  
Paul Serikawa, Construction Inspector  
Scott Lai, Construction Inspector  
Aaron Katagihara, Construction Inspector

### SUBCONSULTANT

*Construction Inspection, Specialized Inspection*  
SSFM International, Inc.

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Ian Arakaki, P.E., CCM</b>	13. ROLE IN THIS CONTRACT <b>Principal-in-Charge</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>27</b>	b. WITH CURRENT FIRM <b>21</b>

15. FIRM NAME AND LOCATION *(City and State)*  
**The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i**

16. EDUCATION <i>(Degree and Specialization)</i> <b>BS/1996/Civil Engineering</b>	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> <b>HAWAI'I 2001/Civil Engineering (No. 10291)</b> <b>HAWAI'I 2013/CMAA Certified Construction Manager (No. 2737)</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b> <b>HAWAI'I 2022/CISEC Certified Inspector of Sediment and Erosion Control</b>
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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 <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Wastewater Program Management (DDC/WEC Staff Augmentation)</b> <b>Honolulu, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal-in-Charge responsible for providing technical engineering services to assist the City and County of Honolulu, Department of Environmental Services – Division of Wastewater Engineering and Construction in project management; construction management; and coordination of planning, design, and construction activities. Responsible for construction management services including conducting jobsite meetings, reviewing construction submittals, monitoring the work of the contractor, resolving conflicts, and overseeing final testing and inspection.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Construction Management Staff Augmentation for Rehabilitation of Streets, Various Projects on O'ahu</b> <b>Island-wide, O'ahu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Construction Manager to provide construction support and construction management services on street rehabilitation projects. Responsibilities include project management, review and interpretation of plans and specifications, construction scheduling, cost control, safety, quality control, materials and equipment receiving, material testing and sampling, construction changes and claims, damage claims and complaints, record maintenance, final testing and inspection, contractor progress payments, and labor compliance.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin</b> <b>Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Construction Manager for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include review of plans and specifications, construction schedule, quality control program, and safety plan; construction monitoring; investigating damage claims and complaints; conducting weekly progress meetings with contractor; and establishment of final closeout procedures and final punch list.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>Construction Management Services for the Honolulu Zoo – Asian Tropical Forest Elephant Facility</b> <b>Honolulu, Hawai'i</b>	<b>N/A</b>	<b>2011</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Construction Manager to provide construction management services for the construction of the new Asian Tropical Forest Elephant Facility at the Honolulu Zoo. Project duties included review of plans and specifications, review of construction schedule, processing contractor submittals, construction monitoring, processing change orders and contractor's application for payment, jobsite inspection and testing, investigating damage claims and complaints, and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>Construction Management Services for the Waikapoki Wastewater Pump Station Upgrade</b> <b>Kane'ohe, Hawai'i</b>	<b>N/A</b>	<b>2020</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Construction Manager to provide construction management services for the construction of improvements to the Waikapoki Wastewater Pump Station, including upgrading the wet well and valve vaults, replacing the two existing vertical shaft pumps with horizontal shaft pumps, adding a new generator building, and new piping and duct bank work. Project duties included review of plans and specifications, review of construction schedule, processing contractor submittals, construction monitoring, processing change orders and contractor's application for payment, jobsite inspection and testing, investigating damage claims and complaints, and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

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

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>IWS and Site Improvements, PHA Wide</b> <b>Hawai'i Island and Kaua'i, Hawai'i</b>	<b>2017</b>	<b>2018</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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.	[ <input checked="" type="checkbox"/> ] Check if project performed with current firm	
b.	<b>Sewage Pump Station at Wahiawa Terrace</b> <b>Wahiawa, Hawai'i</b>	<b>2022</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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.	[ <input checked="" type="checkbox"/> ] Check if project performed with current firm	
c.	<b>Sewer Improvements and Electrical Upgrades to the Kapa'a Housing Project</b> <b>Kapa'a, Kaua'i</b>	<b>2013</b>	<b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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.	[ <input checked="" type="checkbox"/> ] Check if project performed with current firm	
d.	<b>Program Management (DDC Staff Augmentation) – Pearl City Force Main Slip Lining Repair</b> <b>Pearl City, Hawai'i</b>	<b>2012</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Principal Engineer responsible for designing an immediate repair solution for a section of the Pearl City force main that experienced four breaks over a four-year period. The recommended design alternative was to slip-line approximately 1,200 linear feet of the force main system with fusible PVC. The existing 42-inch and 30-inch pipes were sliplined with 36-inch and 24-inch fusible PVC, respectively. Duties included condition assessment; coordination of work between the client, contractor, and design team; preparation of construction documents; attendance at construction progress meetings; submittals and RFI review; and construction observation.	[ <input checked="" type="checkbox"/> ] Check if project performed with current firm	
e.	<b>Sewage Treatment Plant Improvements at Kupuna Home O'Waiialua</b> <b>Waiialua, Hawai'i</b>	<b>2009</b>	<b>2013</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> 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; and construction management services.	[ <input checked="" type="checkbox"/> ] Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Eric Arakawa, P.E., LEED AP, CCM</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Associate Principal Construction Manager</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>21</b>	b. WITH CURRENT FIRM <b>9</b>
<b>15. FIRM NAME AND LOCATION (City and State)</b> <b>The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION (Degree and Specialization)</b> <b>BS/2002/Civil Engineering</b> <b>MBA/2003/Business Administration</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline)</b> <b>HAWAI'I 2008/ Civil Engineering (No. 12766)</b> <b>HAWAI'I 2010/LEED Accredited for New Construction</b> <b>HAWAI'I 2022/CMAA Certified Construction Manager (No. 29014)</b> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)</b> <b>American Council of Engineering Companies of Hawai'i</b> <b>American Society of Civil Engineers – Board of Directors, Past President, 2013-2020</b> <b>Construction Management Association of America</b>			

**19. RELEVANT PROJECTS**

#	LETTER	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
			PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.		<b>Waiahole Valley Potable Water System Select Repairs</b> <b>Kane'ohe, Hawai'i</b>	<b>On-going</b>	CONSTRUCTION (If Applicable)
		<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Manager for repairs to the Waiahole Valley Potable Water System due to heavy rains and flooding. Emergency work included clearing debris; removing boulder embankment; building up perimeter rock wall; restoring wellsite grounds, electrical and mechanical underground lines, shoulder, road and well site, and chain link fence; repairing culvert under bridge; replacement of temporary water line; and tree removal. Second phase of work includes expansion of the existing control building including electrical and mechanical control systems, well pump replacement and well discharge piping replacement, booster pump system repairs, steel tank reservoir repairs and water sampling station, portable generator, temporary erosion and sedimentation control, temporary potable water service, and construction phasing. Project duties include weekly project coordination meetings, construction schedule monitoring, and pre-final inspection.		
b.		<b>Mauna Lani Disk Filter Upgrade</b> <b>Waimea, Hawai'i</b>	<b>2022</b>	<b>2022</b>
		<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Construction 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. Project duties included weekly project coordination meetings, construction schedule monitoring, project file maintenance, site observation visits, and pre-final inspection.		
c.		<b>Civil Engineering, Construction Management and Related Staff Services for the Department of Agriculture</b> <b>Statewide, Hawai'i</b>	<b>2021</b>	<b>2021</b>
		<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Manager for the Department of Agriculture's Lower Hamakua Ditch Watershed, Paaui Distribution Improvements project. The project scope included the installation of approximately 5,850 linear feet (LF) of 4-inch PVC pipe irrigation main, including all required fittings and fixtures, 20 service lateral connections, and installation of two pressure reducing valve (PRV) units. Duties included conducting jobsite meetings, reviewing construction submittals, monitoring the work of the contractor, resolving conflicts, and overseeing final testing and inspection.		
d.		<b>Construction Management Services for Papakolea Sewer System Improvements</b> <b>Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
		<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Manager for the Papakolea Subdivision Sewer Improvements project and the Auwaiolimu Slope Stabilization and Sewer Lines project. Improvements include installation of 3,400 linear feet (LF) of 6- and 8-inch sewer lines, new manholes, cured-in-place pipe lining in 840 LF of existing 8-inch sewer lines, shotcrete fill for 4,000 LF of rockbolt anchoring, 26,700 square feet (SF) of anchored wire mesh, and 6,600 SF of permanent erosion control matting. Project duties include review of plans and specifications, construction schedule, quality control program, and safety plan; construction monitoring; investigating damage claims and complaints; conducting weekly progress meetings with contractor; coordination of owner-engineer-contractor jobsite meetings; and establishment of final closeout procedures and final punch list.		
e.		<b>Construction Management Services for the Waikapoki Wastewater Pump Station Upgrade</b> <b>Kane'ohe, Hawai'i</b>	<b>N/A</b>	<b>2020</b>
		<b>(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE</b> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Manager for the construction of improvements to the Waikapoki Wastewater Pump Station, including upgrading the wet well and valve vaults, replacing the two existing vertical shaft pumps with horizontal shaft pumps, adding a new generator building, and new piping and duct bank work. Project duties included review of plans and specifications and schedule; processing contractor submittals, change orders, and application for payment; construction monitoring; jobsite inspection and testing; and investigating damage claims and complaints.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

12. NAME <b>Brandon Whitaker, P.E.</b>	13. ROLE IN THIS CONTRACT <b>Civil Engineer</b>	14. YEARS EXPERIENCE	
		a. TOTAL <b>12</b>	b. WITH CURRENT FIRM <b>11</b>
15. FIRM NAME AND LOCATION <i>(City and State)</i> <b>The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
16. EDUCATION <i>(Degree and Specialization)</i> <b>BS/2011/Civil Engineering</b>		17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> <b>HAWAI'I 2016/Civil Engineering (No. 17034)</b> <b>HAWAI'I 2023/CCH DPP Certified Erosion and Sediment Control Plan Preparer</b> <b>HAWAI'I 2023/CCH DPP Certified Water Pollution Plan Preparer</b> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Civil Engineer BMP Design Training Certification</b> <b>HAWAI'I 2023/CISEC Certified Inspector of Sediment and Erosion Control</b> <b>HAWAI'I 2022/EnviroCert Certified Erosion, Sediment and Stormwater Inspector</b>	
18. OTHER PROFESSIONAL QUALIFICATIONS <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Construction Management Services for Papakolea Sewer System Improvements Honolulu, Hawai'i</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION (If Applicable) <b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer to provide construction management services for slope stabilization and general site improvements in Papakolea, Kewalo, and Kalawahine Subdivisions. Project duties include review of plans, specifications, and construction schedule; jobsite inspections and reports; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>3rd Party Inspection for City and County of Honolulu NPDES Permit Honolulu, Hawai'i</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION (If Applicable) <b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer responsible for conducting 3rd party construction stormwater inspections as required under the City and County of Honolulu's NPDES Permit and assisting with the creation and implementation of a risk-ranking process for site selection. Duties include review of NPDES permits, Stormwater Pollution Prevention Plan, Erosion and Sediment Control Plan, and project specifications; inspections of construction sites for compliance with the City's Rules Relating to Water Quality; evaluation of Best Management Practices (BMPs) and providing recommendations to the project team; and preparing inspection reports.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Construction Management, Planning, and Permitting Services for the Sand Island WWTP Secondary Treatment – 20 MGD Capacity and Maintenance Building, Septage, and Site Improvements Honolulu, Hawai'i</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION (If Applicable)
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for the construction of various wastewater treatment upgrades and support facilities for the Sand Island WWTP, including demolition of existing facilities; construction of a three-story maintenance building, septage facility, pump station, membrane bioreactor facility, solids thickening building, and odor control and stormwater detention basins; and site improvements, including roadways, driveways, buildings, parking lots, sidewalks, and drainage system. Duties include stormwater inspections to assess proper implementation of stormwater Best Management Practices (BMPs) and general compliance with the NPDES Construction Storm Water General Permit and the City and County of Honolulu Rules Relating to Water Quality.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>HPD NPDES Small MS4 Permit Program Honolulu, Hawai'i</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>2013</b>	CONSTRUCTION (If Applicable) <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Engineer for the construction of Best Management Practices, Low Impact Development concepts, and facility improvements including repaving the parking lot at the Honolulu Police Department's Kalihi Police Station. Duties included conducting weekly coordination meetings; tracking and reviewing requests for information, submittals, and shop drawings from the contractor; monitoring construction schedule; and reviewing payment requests.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	(1) TITLE AND LOCATION <i>(City and State)</i> <b>Hawai'i Kai WWTP UV Disinfection Construction Administration Honolulu, Hawai'i</b>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION (If Applicable) <b>2016</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Engineer for the conversion of the Hawai'i Kai WWTP's disinfection unit process from chlorine gas/sulfur dioxide to ultraviolet (UV). Construction administration services included weekly project coordination meetings; construction schedule monitoring; project file maintenance; daily site observation visits; pre-final inspection; and oversight of the special inspection for rebar placement and concrete for the UV basin construction, concrete and compaction testing, and lead and asbestos sampling.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Megan Ueno, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Civil Engineer</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>11</b>	b. WITH CURRENT FIRM <b>4</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>BS/2012/Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2020/Civil Engineering (No. 18924)</b> <b>HAWAI'I 2023/CCH NPDES MS4 Civil Engineer BMP</b> <b>Design Training Certification</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b> <b>Engineering Alumni Association of the University of Hawai'i – Secretary, 2023-2024</b> <b>Hawai'i Water Environment Association</b> <b>Water Environment Federation</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Construction Management Staff Augmentation for Rehabilitation of Streets, Various Projects on O'ahu Island-wide, O'ahu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>[ x ]</b> Check if project performed with current firm Civil Engineer to provide construction support and construction management services, as needed on a staff augmentation basis, on street rehabilitation projects for the City and County of Honolulu, Department of Design and Construction. Responsibilities include project management, review and interpretation of plans and specifications, construction scheduling, coordinate the installation of field office, cost control, safety, quality control, materials and equipment receiving, material testing and sampling, construction changes and claims, damage claims and complaints, record maintenance, final testing and inspection, contractor progress payments, and labor compliance.		
b.	<b>Waiahole Valley Potable Water System Select Repairs Kane'ohe, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>[ x ]</b> Check if project performed with current firm Civil Engineer for emergency repairs to the Waiahole Valley Potable Water System due to heavy rains and flooding. Work included clearing debris; removing boulder embankment; building up perimeter rock wall; restoring wellsite grounds, electrical and mechanical underground lines, shoulder, road and well site, and chain link fence; repairing culvert under bridge; replacement of temporary water line; and tree removal. Project duties included weekly project coordination meetings, construction schedule monitoring, project file maintenance, daily site observation visits, and pre-final inspection.		
c.	<b>Civil Engineering, Construction Management and Related Staff Services for the Department of Agriculture Statewide, Hawai'i</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>[ x ]</b> Check if project performed with current firm Civil Engineer for the Department of Agriculture's Lower Hamakua Ditch Watershed, Paaulo Distribution Improvements project. The project scope included the installation of approximately 5,850 linear feet (LF) of 4-inch PVC pipe irrigation main, including all required fittings and fixtures, 20 service lateral connections, and installation of two pressure reducing valve (PRV) units. Duties included conducting jobsite meetings, reviewing construction submittals, monitoring the work of the contractor, resolving conflicts, and overseeing final testing and inspection.		
d.	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>[ x ]</b> Check if project performed with current firm Civil Engineer to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include review of plans, specifications, and construction schedule; daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
e.	<b>Construction Management Services for the Honouliuli Wastewater Treatment Plant Return Flow Pump Station Ewa, O'ahu, Hawai'i</b>	<b>N/A</b>	<b>2019</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <b>[ x ]</b> Check if project performed with current firm Construction Engineer to provide construction management services for the construction of a new 4.3 MGD Return Flow Pump Station at the Honouliuli Wastewater Treatment Plant to replace the temporary pump station. Project duties included review of plans and specifications, review of construction schedule, processing contractor submittals, construction monitoring, processing change orders and contractor's application for payment, jobsite inspection and testing, investigating damage claims and complaints, and project documentation and filing.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Justin Barnes, P.E.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Civil Engineer</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>9</b>	b. WITH CURRENT FIRM <b>4</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>BS/2014/Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2019/Civil Engineering (No. 18559)</b> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Civil Engineer BMP Design Training Certification</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include review of plans, specifications, and construction schedule; daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Construction Management Services for Papakolea Sewer System Improvements Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer to provide construction management services for the Papakolea Subdivision Sewer Improvements project and the Auwaiolimu Slope Stabilization and Sewer Lines project. Improvements include installation of 3,400 linear feet (LF) of 6- and 8-inch sewer lines, new manholes, cured-in-place pipe lining in 840 LF of existing 8-inch sewer lines, shotcrete fill for 4,000 LF of rockbolt anchoring, 26,700 square feet (SF) of anchored wire mesh, and 6,600 SF of permanent erosion control matting. Project duties include review of plans, specifications, and construction schedule; daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>Kapuaiwa Building: Drainage Assessment / Separate Storm Drain and Basement Sanitary Sewer Systems Design Honolulu, Hawai'i</b>	<b>2020</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer for improvements to the storm drainage system for the Kapuaiwa Building to alleviate future flooding. Design included 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 include conducting weekly construction coordination meetings, providing inspection services to oversee construction activities, and conducting testing requirements and final inspection.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>Kahuku Agricultural Park Pump Station Building Improvements Kahuku, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer responsible for construction management services for a sinkhole repair at the pump station building in the Kahuku Agricultural Park. Pump station building improvements include replacement of the roof, siding, hoist crane, and pumps and sinkhole repair. Duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>Waimanalo Baseyard Improvements Waimanalo, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Civil Engineer responsible for civil design and construction management services for the construction of a new office and maintenance building at Waimanalo Baseyard, owned by the Department of Agriculture. Baseyard improvements include abandonment of existing cesspool, site grading, new asphalt concrete parking lot with ADA-compliant parking stall, new Individual Wastewater System (IWS) consisting of septic tank and leach field, and temporary BMPs in accordance with the City's revised Water Quality Rules. Duties include preparation of construction drawings, technical specifications, and cost estimate; coordination with project team; and services during bidding and construction. Construction management services include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> Kevin Fong, P.E.	<b>13. ROLE IN THIS CONTRACT</b> Structural Engineer	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL 17	b. WITH CURRENT FIRM 3
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> BS/2004/Civil Engineering MS/2006/Structural Engineering		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> HAWAI'I 2013/Civil Engineering (No. 15438) HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> American Council of Engineering Companies of Hawai'i			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Waiahole Valley Potable Water System Select Repairs Kane'ohe, Hawai'i</b>	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineer for repairs to the Waiahole Valley Potable Water System due to heavy rains and flooding. Second phase of work includes expansion of the existing control building including electrical and mechanical control systems, well pump replacement and well discharge piping replacement, booster pump system repairs, steel tank reservoir repairs and water sampling station, portable generator, temporary erosion and sedimentation control, temporary potable water service, and construction phasing. Project duties include weekly project coordination meetings, construction schedule monitoring, and pre-final inspection.	[ x ] Check if project performed with current firm	
b.	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	N/A	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineer to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	[ x ] Check if project performed with current firm	
c.	<b>Construction Management Services for Papakolea Sewer System Improvements Honolulu, Hawai'i</b>	N/A	On-going
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineer to provide construction management services for slope stabilization and general site improvements in Papakolea, Kewalo, and Kalawahine Subdivisions. Project duties include review of plans, specifications, and construction schedule; jobsite inspections and reports; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	[ x ] Check if project performed with current firm	
d.	<b>Construction Management, Planning, and Permitting Services for the Sand Island WWTP Secondary Treatment – 20 MGD Capacity and Maintenance Building, Septage, and Site Improvements Honolulu, Hawai'i</b>	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineer for the construction of various wastewater treatment upgrades and support facilities for the Sand Island WWTP, including demolition of existing facilities; construction of a three-story maintenance building, septage facility, pump station, membrane bioreactor facility, solids thickening building, and odor control and stormwater detention basins; and site improvements, including roadways, driveways, buildings, parking lots, sidewalks, and drainage system. Duties include stormwater inspections to assess proper implementation of stormwater Best Management Practices (BMPs) and general compliance with the NPDES Construction Storm Water General Permit and the City and County of Honolulu Rules Relating to Water Quality.	[ x ] Check if project performed with current firm	
e.	<b>Lead Service Line Inventory, Water Quality Study, and Related Technical Services Island-wide, O'ahu, Hawai'i</b>	On-going	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Structural Engineer to assist the BWS in their efforts to bring operations in compliance with the revised EPA Lead and Copper Rule. Duties 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.	[ x ] Check if project performed with current firm	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Davi Corcio-Alvarez, E.I.T.</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Construction Engineer</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL	b. WITH CURRENT FIRM
		<b>8</b>	<b>3</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>BS/2014/Civil Engineering</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2014/Engineer-in-Training Certification</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>a.</b>	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input type="checkbox"/> Check if project performed with current firm Construction Engineer to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include review of plans, specifications, and construction schedule; daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
<b>b.</b>	<b>Wastewater Program Management (DDC/WEC Staff Augmentation) Honolulu, Hawai'i</b>	<b>On-going</b>	
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Engineer 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.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Jerome Do</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Construction Engineer</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>6</b>	b. WITH CURRENT FIRM <b>3</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>BS/2016/Civil Engineering</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Civil Engineer BMP Design Training Certification</b> <b>HAWAI'I 2023/CISEC Certified Inspector of Sediment and Erosion Control</b>		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
	<b>Construction Management Staff Augmentation for Rehabilitation of Streets, Various Projects on O'ahu Island-wide, O'ahu, Hawai'i</b>	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION (If Applicable) <b>On-going</b>
<b>a.</b>		<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Engineer to provide construction support and construction management services, as needed on a staff augmentation basis, on street rehabilitation projects for the City and County of Honolulu, Department of Design and Construction. Responsibilities include project management, review and interpretation of plans and specifications, construction scheduling, coordinate the installation of field office, cost control, safety, quality control, materials and equipment receiving, material testing and sampling, construction changes and claims, damage claims and complaints, record maintenance, final testing and inspection, contractor progress payments, and labor compliance.	
	<b>3<sup>rd</sup> Party Inspection for City and County of Honolulu NPDES Permit Honolulu, Hawai'i</b>	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION (If Applicable) <b>On-going</b>
<b>b.</b>		<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Engineer responsible for conducting 3rd party construction stormwater inspections as required under the City and County of Honolulu's NPDES Permit and assisting with the creation and implementation of a risk-ranking process for site selection. Duties include review of NPDES permits, Stormwater Pollution Prevention Plan, Erosion and Sediment Control Plan, and project specifications; inspections of construction sites for compliance with the City's Rules Relating to Water Quality; evaluation of Best Management Practices (BMPs) and providing recommendations to the project team; and preparing inspection reports.	

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>David Goya</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Senior Construction Inspector</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>42</b>	b. WITH CURRENT FIRM <b>3</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Lintiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>Diploma/1976/Kalani High School</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b> <b>HAWAI'I 2022/CCH DPP Erosion and Sediment Control Plan Coordinator</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

a.	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Construction Inspector to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
	<b>Lead Service Line Inventory, Water Quality Study, and Related Technical Services Island-wide, O'ahu, Hawai'i</b>	<b>On-going</b>	
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Senior Construction Inspector to assist the BWS in their efforts to bring operations in compliance with the revised EPA Lead and Copper Rule. Duties include conducting site investigations to assist with the preparation of a lead service line (LSL) inventory to identify and catalog the presence of hazardous materials in the BWS water distribution system.		
	<b>Various Projects for the Department of Design and Construction – Wastewater Division, Construction Branch O'ahu, Hawai'i</b>	<b>N/A</b>	<b>2014-2019</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Supervising Construction Inspector to supervise and coordinate the inspection of wastewater construction projects including wastewater treatment plants and pump stations, sewer improvement districts, sewer force mains, gravity collection systems, outfalls, and private subdivisions and developments in accordance with the project plans and specifications and City and County Standards and Specifications.		
	<b>Hart Street WWPS Old Force Main Improvements and Kailua WWTP Demolition Work – Preparation for Tunnel Shaft Honolulu and Kailua, Hawai'i</b>	<b>N/A</b>	<b>2010-2014</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Industrial Construction Inspector to ensure construction was performed in compliance with plans, specifications, agreements of work and other established standards. Duties included inspection of construction methods, quality of workmanship, and materials used in a large number of trades; working with contractors in matters of construction methods, labor, equipment, and materials; documenting unresolved claims by the contractor; recording details of work performed and preparing "inspector's copy" upon completion of project; settling complaints from property owners; monitoring safety regulations in conformance with current laws; preparing estimate of work completed by contractors; and computing and accounting for quantities of work completed.		
	<b>Various Projects for the Department of Design and Construction – Civil Division, Construction Branch O'ahu, Hawai'i</b>	<b>N/A</b>	<b>2005-2008</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input type="checkbox"/> Check if project performed with current firm Construction Inspector for roadway and drainage utility construction projects. Duties included daily inspections and reports; initiating RFI's for unforeseen field conditions or discrepancies; layout of project limits and referencing existing locations of utilities; ensure compliance with plans, specifications, and safety; compiling, measuring, and calculating completed items for monthly estimate payments; gathering field samples of soil, aggregates, concrete, and asphalt laboratory testing; and inspecting maintenance of traffic control plan and best management practices.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Paul Serikawa</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Construction Inspector</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>14</b>	b. WITH CURRENT FIRM <b>14</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>Diploma/1992/Punahou School</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b> <b>HAWAI'I 2023/CISEC Certified Inspector of Sediment and Erosion Control</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>a.</b>	<b>3<sup>rd</sup> Party Inspection for City and County of Honolulu NPDES Permit Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector responsible for conducting 3rd party construction stormwater inspections as required under the City and County of Honolulu's NPDES Permit and assisting with the creation and implementation of a risk-ranking process for site selection. Duties include review of NPDES permits, Stormwater Pollution Prevention Plan, Erosion and Sediment Control Plan, and project specifications; inspections of construction sites for compliance with the City's Rules Relating to Water Quality; evaluation of Best Management Practices (BMPs) and providing recommendations to the project team; and preparing inspection reports.		
<b>b.</b>	<b>Statewide Storm Water Management Program Statewide, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector to assist with the implementation of the State's Storm Water Management Program Plan (SWMPP). Responsible for Debris Control Best Management Practices (BMPs), including inspection of outfalls and open channels to be cleaned on all State DOT highways and verification of outfall and inlet structures.		
<b>c.</b>	<b>Statewide SWMP – Kamehameha Highway Slope Maintenance for Erosion Control O'ahu, Hawai'i</b>	<b>N/A</b>	<b>2014</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for the installation of temporary BMPs (slope stabilization and inlet protection). Duties included daily rain gauge monitoring; daily and weekly BMP monitoring; preparation of daily work progress reports and photo logs; attendance at progress meetings with the contractor; review of lane closure plans and specifications and work zone traffic control; inspection of clearing and grubbing, installation of water irrigation system, removal of large Albizia trees, installation of Vetiver grass and indigenous trees; and weekly soil monitoring and reporting.		
<b>d.</b>	<b>Statewide SWMP – Nimitz Highway Media Improvements Sand Island Access Road to Vicinity of Alakawa Street Honolulu, Hawai'i</b>	<b>N/A</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for the installation of temporary BMPs (slope stabilization and inlet protection). Duties included daily rain gauge monitoring; daily and weekly BMP monitoring; preparation of daily work progress reports and photo logs; attendance at progress meetings with the contractor; review of lane closure plans and specifications and work zone traffic control; inspection of clearing and grubbing, toning for underground utilities, soil preparation (mechanically-incorporated compost), installation of water irrigation system, and permeable concrete pavers installation; and processing of phasing and change orders for site specific BMPs.		
<b>e.</b>	<b>Statewide SWMP – Slope Maintenance for Erosion Control at Various Sites on O'ahu, Phase 4 O'ahu, Hawai'i</b>	<b>N/A</b>	<b>2012</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for the installation of temporary BMPs (slope stabilization and inlet protection). Duties included daily rain gauge monitoring; daily and weekly BMP monitoring; preparation of daily work progress reports and photo logs; attendance at progress meetings with the contractor; review of lane closure plans and specifications; monthly sediment and debris monitoring; inspection of clearing and grubbing (slope grading); and inspection of installation of geotextile, articulated concrete block mat system (ACBM), and grouting.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Scott Lai</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Construction Inspector</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>5</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>BA/2015/Sociology</b>		<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2017/Asphalt Institute Basis of Emulsion Technician Training</b> <b>HAWAI'I 2018/Rural Water Association Water System Operator Certification</b> <b>HAWAI'I 2020/Confined Space Entry Training for Construction</b> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b>	
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b> <b>Construction Management Association of America</b>			

**19. RELEVANT PROJECTS**

#	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
<b>a.</b>	<b>Waiahole Valley Potable Water System Select Repairs Kane'ohē, Hawai'i</b>	<b>On-going</b>	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for repairs to the Waiahole Valley Potable Water System due to heavy rains and flooding. Emergency work included clearing debris; removing boulder embankment; building up perimeter rock wall; restoring wellsite grounds, electrical and mechanical underground lines, shoulder, road and well site, and chain link fence; repairing culvert under bridge; replacement of temporary water line; and tree removal. Second phase of work includes expansion of the existing control building including electrical and mechanical control systems, well pump replacement and well discharge piping replacement, booster pump system repairs, steel tank reservoir repairs and water sampling station, portable generator, temporary erosion and sedimentation control, temporary potable water service, and construction phasing. Project duties include project meetings, construction schedule monitoring, project file maintenance, daily site observation visits, and pre-final inspection.		
<b>b.</b>	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
<b>c.</b>	<b>Construction Management Services for Papakolea Sewer System Improvements Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector to provide construction management services for the Papakolea Subdivision Sewer Improvements project and the Auwaiolimu Slope Stabilization and Sewer Lines project. Improvements include installation of 3,400 linear feet (LF) of 6- and 8-inch sewer lines, new manholes, cured-in-place pipe lining in 840 LF of existing 8-inch sewer lines, shotcrete fill for 4,000 LF of rockbolt anchoring, 26,700 square feet (SF) of anchored wire mesh, and 6,600 SF of permanent erosion control matting. Duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
<b>d.</b>	<b>Kahuku Agricultural Park Pump Station Building Improvements Kahuku, Hawai'i</b>	<b>On-going</b>	CONSTRUCTION (If Applicable)
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for a sinkhole repair at the pump station building in the Kahuku Agricultural Park. Pump station building improvements include replacement of the roof, siding, hoist crane, and pumps and sinkhole repair. Duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.		
<b>e.</b>	<b>Hawai'i Kai Pump Station No. 3 Modifications Honolulu, Hawai'i</b>	<b>2018</b>	<b>2020</b>
	<b>(3) BRIEF DESCRIPTION</b> <i>(Brief scope, size, cost, etc.) AND SPECIFIC ROLE</i> <input checked="" type="checkbox"/> Check if project performed with current firm Construction Inspector for a pump station upgrade to Pump Station No. 3 in Hawai'i Kai to improve reliability and performance of the facility. Design components of the upgrade included new electrical service, diesel generator, CMU building, dry pit submersible wastewater pumps and associated piping, and pump station dry well ventilation system. Project duties included weekly project coordination meetings, construction schedule monitoring, project file maintenance, daily site observation visits, and pre-final inspection.		

**E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT**

*(Complete one Section E for each key person.)*

<b>12. NAME</b> <b>Aaron Katagihara</b>	<b>13. ROLE IN THIS CONTRACT</b> <b>Construction Inspector</b>	<b>14. YEARS EXPERIENCE</b>	
		a. TOTAL <b>8</b>	b. WITH CURRENT FIRM <b>3</b>
<b>15. FIRM NAME AND LOCATION</b> <i>(City and State)</i> <b>The Limtiaco Consulting Group, Inc. Honolulu, Hawai'i</b>			
<b>16. EDUCATION</b> <i>(Degree and Specialization)</i> <b>AA/2000/Liberal Arts</b>	<b>17. CURRENT PROFESSIONAL REGISTRATION</b> <i>(State and Discipline)</i> <b>HAWAI'I 2020/Confined Space Entry Training for Construction</b> <b>HAWAI'I 2023/CCH DPP Erosion and Sediment Control Plan Coordinator</b> <b>HAWAI'I 2023/CCH NPDES MS4 Construction Inspector Training Certification</b> <b>HAWAI'I 2023/CISEC Certified Inspector of Sediment and Erosion Control</b>		
<b>18. OTHER PROFESSIONAL QUALIFICATIONS</b> <i>(Publications, Organizations, Training, Awards, etc.)</i> <b>American Council of Engineering Companies of Hawai'i</b>			

**19. RELEVANT PROJECTS**

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (If Applicable)
a.	<b>Civil Engineering, Construction Management and Related Staff Services for the Department of Agriculture Statewide, Hawai'i</b>	<b>2021</b>	<b>2021</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Inspector for the Department of Agriculture's Lower Hamakua Ditch Watershed, Paaulo Distribution Improvements project. The project scope included the installation of approximately 5,850 linear feet (LF) of 4-inch PVC pipe irrigation main, including all required fittings and fixtures, 20 service lateral connections, and installation of two pressure reducing valve (PRV) units. Duties included conducting jobsite meetings, reviewing construction submittals, monitoring the work of the contractor, resolving conflicts, and overseeing final testing and inspection.	<input checked="" type="checkbox"/> Check if project performed with current firm	
b.	<b>Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Inspector to provide construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin. Improvements include installation of cured-in-place pipe lining in existing sewer lines, construction of new sewer lines by open excavation, installation of new manholes, manhole rehabilitation, reconnection of laterals, and relocation of existing water mains. Project duties include daily jobsite inspections and reports; weekly meetings; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
c.	<b>Construction Management Services for Papakolea Sewer System Improvements Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Inspector to provide construction management services for slope stabilization and general site improvements in Papakolea, Kewalo, and Kalawahine Subdivisions. Project duties include review of plans, specifications, and construction schedule; jobsite inspections and reports; processing contractor submittals, change orders, and contractor's application for payment; and project documentation and filing.	<input checked="" type="checkbox"/> Check if project performed with current firm	
d.	<b>3rd Party Inspection for City and County of Honolulu NPDES Permit Honolulu, Hawai'i</b>	<b>N/A</b>	<b>On-going</b>
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Inspector responsible for conducting 3rd party construction stormwater inspections as required under the City and County of Honolulu's NPDES Permit and assisting with the creation and implementation of a risk-ranking process for site selection. Duties include review of NPDES permits, Stormwater Pollution Prevention Plan, Erosion and Sediment Control Plan, and project specifications; inspections of construction sites for compliance with the City's Rules Relating to Water Quality; evaluation of Best Management Practices (BMPs) and providing recommendations to the project team; and preparing inspection reports.	<input checked="" type="checkbox"/> Check if project performed with current firm	
e.	<b>Construction Management, Planning, and Permitting Services for the Sand Island WWTP Secondary Treatment – 20 MGD Capacity and Maintenance Building, Septage, and Site Improvements Honolulu, Hawai'i</b>	<b>On-going</b>	
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE Construction Inspector for the construction of various wastewater treatment upgrades and support facilities for the Sand Island WWTP, including demolition of existing facilities; construction of a three-story maintenance building, septage facility, pump station, membrane bioreactor facility, solids thickening building, and odor control and stormwater detention basins; and site improvements, including roadways, driveways, buildings, parking lots, sidewalks, and drainage system. Duties include stormwater inspections to assess proper implementation of stormwater Best Management Practices (BMPs) and general compliance with the NPDES Construction Storm Water General Permit and the City and County of Honolulu Rules Relating to Water Quality.	<input checked="" type="checkbox"/> Check if project performed with current firm	

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>1</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Waiahole Valley Potable Water System Select Repairs Kane'ohē, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>On-going</b>	CONSTRUCTION <i>(If applicable)</i>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>State of Hawai'i Hawai'i Housing Finance and Development Corporation</b>	b. POINT OF CONTACT NAME <b>Mr. Charles Jury, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 524-1224</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Existing condition of access road to Waiahole Water System

*Fee - \$586,000  
Construction Cost - \$2,625,000*

Scope

Construction management services for repairs to the Waiahole Valley Potable Water System due to heavy rains and flooding.

Relevant Project Elements  
√ Construction Management

In response to heavy rains and flooding in March 2021, emergency construction work was needed for clearing debris; removing boulder embankment; building up perimeter rock wall; restoring wellsite grounds, electrical and mechanical underground lines, shoulder, road and well site, and chain link fence; repairing culvert under bridge; replacement of temporary water line; and tree removal.

The second phase of work includes expansion of the existing control building including electrical and mechanical control systems, well pump replacement and well discharge piping replacement, booster pump system repairs, steel tank reservoir repairs and water sampling station, portable generator, temporary erosion and sedimentation control, temporary potable water service, and construction phasing.

TLCG is currently performing the following duties:

- Perform daily jobsite inspections to verify the work is being accomplished in accordance with the contract documents and notify the owner upon the discovery of any defects and deficiencies in the work

- Complete daily reports which include information on the contractor's labor, equipment, and material usage as well as any significant incidents
- Investigate and take appropriate action on damage claims and complaints
- Conduct weekly meetings with the contractor to discuss construction progress, safety program, quality issues, submittal review status, material status, information requests, cost proposal requests, and design issues
- Coordinate site observations and jobsite meetings with owner, engineer, and contractor
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Process change orders and contractor's application for payment and recommend for acceptance
- Maintain accurate and comprehensive project documents and jobsite correspondence
- Coordinate and conduct the pre-final inspection at the completion of construction
- Review contractor's marked-up as-built construction set

**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

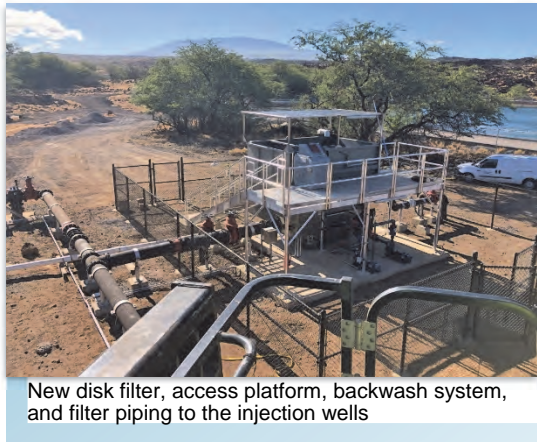
<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>	20. EXAMPLE PROJECT KEY NUMBER  <b>2</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Mauna Lani Disk Filter Upgrade Waimea, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2022</b>	CONSTRUCTION <i>(If applicable)</i> <b>2022</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>Hawai'i American Water</b>	b. POINT OF CONTACT NAME <b>Mr. Lee Mansfield, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 394-1285</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



New disk filter, access platform, backwash system, and filter piping to the injection wells

*Design Fee - \$521,000  
Construction Cost - \$1,550,000*

Scope

Civil design and construction administration services for a new disc filtration system at the Mauna Lani Wastewater Treatment Plant (WWTP) with a capacity of approximately 500,000 gallons per day.

Relevant Project Elements

- ✓ Construction Documents
- ✓ Permit Applications
- ✓ Construction Administration

**Design**

TLCG was responsible for the design of a new filtration system to remove algae from the treatment stream and discharge the reuse water into existing injection wells located at the WWTP. Design components included new effluent submersible pumps; new polymer dosing system, underground vault, air relief valve, and eyewash shower; yard piping for the new filtration system, backwash system, effluent pump station, service water, and connection into the existing injection wells; pad foundations required to support the new filtration tank, pumps, and auxiliary components; access stairs and maintenance platform; access walkways and new gate; grading and drainage improvements; and electrical and SCADA improvements. Duties also included the preparation of a Special Management Area Use exemption letter, attendance at public hearings, and services during bidding and construction.

**Construction Administration**

Services provided during the construction phase included: conducting weekly owner-contractor meetings to address issues such as schedules, requests for information, construction submittals, shop drawings, and payment requests; monitoring the construction schedule and assisting the contractor in identifying long lead items which would adversely affect the schedule and help address any significant delays; reviewing and monitoring each payment request and construction modifications; maintaining project construction and administration files; conducting daily site observation visits, as needed; coordinating with City inspectors; conducting the pre-final inspection with the contractor; preparing record drawings from the contractor's marked-up "as-built" construction set; and coordinating with the electrical consultant to perform startup and testing of controls and SCADA systems.

**25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT**

a.	(1) FIRM NAME Iwamoto Engineering Consultants, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 'Aiea, Hawai'i	(3) ROLE Structural Engineering
b.	(1) FIRM NAME Hirata & Associates, Inc.	(2) FIRM LOCATION <i>(City and State)</i> 'Aiea, Hawai'i	(3) ROLE Geotechnical Engineering
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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>3</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Civil Engineering, Construction Management, and Related Staff Services for the Dept of Agriculture Statewide, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>2021</b>	CONSTRUCTION <i>(If applicable)</i> <b>2021</b>

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER <b>State of Hawai'i Department of Agriculture</b>	b. POINT OF CONTACT NAME <b>Mr. Bryce Yoshimori, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 973-1123</b>

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



New 4-inch irrigation water line pipe and lateral installation in the Lower Hamakua Ditch Watershed

*Fee - \$99,000  
Construction Cost - \$639,000*

Scope

Technical engineering services to assist the Department of Agriculture, Agricultural Resource Management Division (ARMD) with project coordination, design coordination, and construction management and inspection services.

Relevant Project Elements

- ✓ Project Management / Coordination
- ✓ Construction Management

TLCG coordinated capital improvement and operations and maintenance projects for ARMD.

Services performed under this contract included:

- Coordinating and overseeing the work of design consultants
- Administering contracts to ensure adherence to requirements of the scope of work and compliance with County ordinances and State and Federal requirements, statutes, rules, and regulations
- Providing technical review of construction plans, specifications, and estimates
- Assisting in the preparation of permit applications and processing of approvals
- Creating an extensive asset management system (AMS), including GIS inventory, summary memo to document the GIS system, and instructional manual

- Coordinating and participating in public informational meetings including providing information and responding to public questions and concerns
- Providing construction management services including conducting site inspections, reviewing construction submittals, monitoring the work of the contractor, and resolving conflicts

Lower Hamakua Ditch Watershed – Paaui Distribution Improvements

TLCG provided construction management services for the installation of approximately 5,850 linear feet of PVC pipe irrigation main including all required fittings and fixtures, 20 service lateral connections, and two pressure reducing valve (PRV) units.

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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>4</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Construction Management Staff Augmentation for Rehabilitation of Streets, Various Projects on O'ahu Island-wide, O'ahu, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>On-going</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu Department of Design and Construction</b>	b. POINT OF CONTACT NAME <b>Mr. Ray Jyo, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 768-8825</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Resurfacing Keolu Drive in Kailua, O'ahu

*Fee - \$1,000,000*

Scope

Construction support and construction management services, as needed on a staff augmentation basis, on street rehabilitation projects for the City and County of Honolulu, Department of Design and Construction.

Relevant Project Elements

√ Construction Management

Responsibilities include:

- Project management
  - ❖ Coordinate and monitor contractor's work
  - ❖ Conduct project coordination meetings
- Review and interpret plans and specifications for conflicts, lack of clarity, errors or omissions, and items that could affect construction activity and schedules
- Construction scheduling
- Coordinate the installation and subsequent removal of field office and temporary utilities
- Cost control
- Monitor contractor operations and note unsafe conditions
- Quality control
- Materials and equipment receiving
- Material testing and sampling
- Maintain adequate and accurate records of facts, materials, labor, and equipment associated with claims or disputes and change orders
- Damage claims and complaints
- Record maintenance
- Final completion, testing, and inspection
- Contractor progress payments
- Labor compliance

**Project Status:** Construction expected to be completed in 2023.

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>5</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Construction Management Services for Sewer I/ Relief and Rehabilitation Projects – Ala Moana Basin Honolulu, Hawai‘i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>On-going</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu Department of Environmental Services</b>	b. POINT OF CONTACT NAME <b>Mr. Jon Yamane, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 768-8788</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Installation of new 8-inch sewer line within the intersection of Punchbowl Street and Queen Street

*Fee - \$3,434,000  
Construction Cost - \$19,393,000*

Scope

Construction management services for sewer reconstruction projects within the Ala Moana Tributary Basin.

Relevant Project Elements  
√ Construction Management

TLCG is providing construction management services for various sewer reconstruction projects within the Ala Moana Tributary Basin, including the Kaka‘ako and Punahou Area, Pauoa Area, Kaialiu Street, Mo‘ili‘ili Area, and Wilder Avenue/Dole Street.

TLCG is currently performing the following duties:

- Review the design drawings, plans, and specifications for constructability of the project and compliance with applicable government agency requirements
- Review contractor’s schedule, jobsite procedures, quality control program, and safety plan
- Perform daily jobsite inspections to verify the work is being accomplished in accordance with the contract documents and notify the owner upon the discovery of any defects and deficiencies in the work
- Complete daily reports which include information on the contractor’s labor, equipment, and material usage as well as any significant incidents
- Investigate and take appropriate action on damage claims and complaints

- Conduct weekly meetings with the contractor to discuss construction progress, safety program, quality issues, submittal review status, material status, information requests, cost proposal requests, and design issues
- Coordinate site observations and jobsite meetings with owner, engineer, and contractor
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Process change orders and contractor’s application for payment and recommend for acceptance
- Maintain accurate and comprehensive project documents and jobsite correspondence
- Prior to completion of work and release of final payment, establish final closeout procedures and final punch list and confirm required inspections by government agencies and utility companies are completed

**Project Status:** Construction expected to be completed in 2023.

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>6</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Construction Management Services for the Papakolea Sewer System Improvements</b>  <b>Honolulu, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>On-going</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER  <b>State of Hawai'i</b> <b>Department of Hawaiian Home Lands</b>	b. POINT OF CONTACT NAME  <b>Mr. Richard Speer</b>	c. POINT OF CONTACT TELEPHONE NUMBER  <b>(808) 620-9287</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Wire mesh slope stabilization system

*Fee - \$1,367,000*  
*Construction Cost - \$9,200,000*

Scope

Construction management services for the Papakolea Subdivision Sewer Improvements project and the Auwaiolimu Slope Stabilization and Sewer Lines project.

[Relevant Project Elements](#)  
 ✓ [Construction Management](#)

The proposed improvements for the Papakolea Subdivision Sewer Improvements project consist of installation of approximately 3,400 linear feet (LF) of 6- and 8-inch sewer lines by open trench, epoxy lining sewer manholes, installation of new manholes, and installation of cured-in-place pipe (CIPP) lining in 840 LF of existing 8-inch sewer lines.

The proposed rockfall mitigation solutions for the Auwaiolimu Slope Stabilization and Sewer Lines project include the installation of shotcrete fill for 4,000 LF of rockbolt anchoring, 26,700 square feet (SF) of anchored wire mesh, and 6,600 SF of permanent erosion control matting. Sewer improvements include installation of a temporary bypass and 600 LF of 6-inch PVC sewer line by open trench. 24-hour traffic control measures will be in place during construction.

TLCG is currently performing the following duties:

- Review the design drawings, plans, and specifications for constructability of the project and compliance with applicable government agency requirements
- Review contractor's schedule, jobsite procedures, quality control program, and safety plan
- Perform daily jobsite inspections to verify the work is being accomplished in accordance with the contract

documents and notify the owner upon the discovery of any defects and deficiencies in the work

- Complete daily reports which include information on the contractor's labor, equipment, and material usage as well as any significant incidents
- Investigate and take appropriate action on damage claims and complaints
- Conduct weekly meetings with the contractor to discuss construction progress, safety program, quality issues, submittal review status, material status, information requests, cost proposal requests, and design issues
- Coordinate site observations and jobsite meetings with owner, engineer, and contractor
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Process change orders and contractor's application for payment and recommend for acceptance
- Maintain accurate and comprehensive project documents and jobsite correspondence
- Prior to completion of work and release of final payment, establish final closeout procedures and final punch list and confirm required inspections by government agencies and utility companies are completed

**Project Status:** Construction expected to be completed in 2023.

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>7</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>Construction Management Services for the Honolulu Zoo – Asian Tropical Forest Elephant Facility Honolulu, Hawai‘i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>2011</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu Department of Design and Construction</b>	b. POINT OF CONTACT NAME <b>Ms. Elaine Morisato, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 768-8406</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



New Elephant Exhibit at the Honolulu Zoo

*Fee - \$625,000  
Construction Cost - \$6,435,000*

Scope

Construction management services for the construction of the new Asian Tropical Forest Elephant Facility at the Honolulu Zoo.

Relevant Project Elements  
√ Construction Management

TLCG performed the following duties:

- Examine the plans and specifications for conflicts, lack of clarity, errors or omissions and items that could affect construction costs and schedules and obtain clarification from the design consultant as required
- Identify variances between scheduled and probable completion dates of construction activities and obtain updated construction schedules from the contractor as required to effectively monitor progress of work
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Monitor the work to determine that the work is being accomplished in accordance with the contract documents and notify the client upon the discovery of any defects and deficiencies in the work

- Process change orders and contractor's application for payment
- Perform jobsite inspections and testing
- Investigate and take appropriate action on damage claims and complaints
- Maintain accurate and comprehensive project documents and jobsite correspondence

Project Highlight

TLCG received a Letter of Appreciation from the client, commending our team's communication and management skills. Construction was completed on schedule, within budget constraints, and in accordance with the contract plans and specifications and to the quality standards expected of the project.

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>8</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Construction Management Services for the Waikapoki Wastewater Pump Station Upgrade</b> <b>Kane'ohe, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>2020</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu</b> <b>Department of Design and Construction</b>	b. POINT OF CONTACT NAME <b>Mr. Jon Yamane, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 768-8788</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



Refurbished pump station building with new fuel tank

*Fee - \$1,000,000*  
*Construction Cost - \$6,685,000*

Scope

Construction management services for the construction of improvements to the Waikapoki Wastewater Pump Station (WWPS).

Relevant Project Elements  
√ Construction Management

The pump station improvements included upgrading the wet well and valve vaults, replacing the two existing vertical shaft pumps with horizontal shaft pumps, adding a new generator building, and new piping and duct bank work.

TLCG performed the following duties:

- Review the in-progress construction contract documents including plans, specifications, special provisions, permit applications, supporting reports, and other pertinent project information from the CM perspective
- Task management and internal project management services for constructability review
- Examine the plans and specifications for conflicts, lack of clarity, errors or omissions and items that could affect construction costs and schedules and obtain clarification from the design consultant as required
- Identify variances between scheduled and probable completion dates of construction activities and obtain updated construction schedules from the contractor as required to effectively monitor progress of work

- Conduct weekly Owner-Meeting-Contractor (OEC) meetings
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Monitor the work to determine that the work is being accomplished in accordance with the contract documents and notify the client upon the discovery of any defects and deficiencies in the work
- Process change orders and contractor's application for payment
- Perform jobsite inspections and testing
- Investigate and take appropriate action on damage claims and complaints
- Maintain accurate and comprehensive project documents and jobsite correspondence

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>9</b>
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21. TITLE AND LOCATION <i>(City and State)</i>  <b>Construction Management Services for the Honouliuli Wastewater Treatment Plant Return Flow Pump Station</b>  <b>Ewa, O'ahu, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES  <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i>  <b>2019</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu Department of Design and Construction</b>	b. POINT OF CONTACT NAME <b>Mr. Jon Yamane, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 768-8788</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



12-inch HDPE force main discharge valve manifold terminating into the Pre-Aeration Channel

*Fee - \$500,000  
Construction Cost - \$3,441,000*

Scope

Construction management services for the construction of a new 4.3 MGD Return Flow Pump Station and force main at the Honouliuli Wastewater Treatment Plant (WWTP) to replace the temporary pump station.

Relevant Project Elements  
√ Construction Management

The improvements consisted of a new underground concrete wet well, submersible pumps, valves, flow meter, diversion manhole, and other appurtenances. Electrical improvements included new variable frequency drives, control panel, and power feeders connecting to the existing electrical and SCADA system. A new 12-inch HDPE force main was installed to transport plant process return flows to the existing Pre-Aeration tanks.

TLCG performed the following duties:

- Review the in-progress construction contract documents including plans, specifications, special provisions, permit applications, supporting reports, and other pertinent project information from the CM perspective
- Task management and internal project management services for constructability review
- Examine the plans and specifications for conflicts, lack of clarity, errors or omissions and items that could affect construction costs and schedules and obtain clarification from the design consultant as required

- Identify variances between scheduled and probable completion dates of construction activities and obtain updated construction schedules from the contractor as required to effectively monitor progress of work
- Conduct weekly Owner-Meeting-Contractor (OEC) meetings
- Process contractor submittals including requests for information, shop drawings, product literature and samples, test reports, and certificates
- Monitor the work to determine that the work is being accomplished in accordance with the contract documents and notify the client upon the discovery of any defects and deficiencies in the work
- Process change orders and contractor's application for payment
- Perform jobsite inspections and testing
- Investigate and take appropriate action on damage claims and complaints
- Maintain accurate and comprehensive project documents and jobsite correspondence

**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

<b>F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT</b> <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  <b>10</b>
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21. TITLE AND LOCATION <i>(City and State)</i> <b>3<sup>rd</sup> Party Inspection for City and County of Honolulu NPDES Permit</b> <b>Honolulu, Hawai'i</b>	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES <b>N/A</b>	CONSTRUCTION <i>(If applicable)</i> <b>On-going</b>

**23. PROJECT OWNER'S INFORMATION**

a. PROJECT OWNER <b>City and County of Honolulu Department of Facility Maintenance</b>	b. POINT OF CONTACT NAME <b>Mr. Ross Kaneko, P.E.</b>	c. POINT OF CONTACT TELEPHONE NUMBER <b>(808) 440-0225</b>
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*



BMPs implemented at project site

*Fee - \$3,010,000*

Scope

Construction inspection services for the City and County of Honolulu's MS4 Stormwater Permit.

Relevant Project Elements

√ Construction Inspection

TLCG is currently conducting 3<sup>rd</sup> party construction stormwater inspections as required under the City and County of Honolulu's NPDES Permit. TLCG is assisting with the creation and implementation of a risk-ranking process for site selection, targeting public projects and additional projects requiring a City Building or Grading Permit.

Duties include:

- Document review of NPDES permits, Stormwater Pollution Prevention Plan (SWPPP), Erosion and Sediment Control Plan (ESCP), and project specifications
- Inspection of construction sites for compliance with the City's Rules Relating to Water Quality
- Evaluation of Best Management Practices (BMPs) and providing recommendations to the project team
- Inspection reports

**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

**G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS**

26. NAMES OF KEY PERSONNEL (From Section E, Block 12)	27. ROLE IN THIS CONTRACT (From Section E, Block 13)	28. EXAMPLE PROJECTS LISTED IN SECTION F (Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role.)									
		1	2	3	4	5	6	7	8	9	10
Ian Arakaki, P.E., CCM	Principal-in-Charge	X			X	X	X	X	X	X	X
Kyle Kaneshiro, P.E., LEED AP	Principal Engineer							X			
Eric Arakawa, P.E., LEED AP, CCM	Associate Principal Construction Manager	X	X	X		X	X		X	X	
Brandon Whitaker, P.E.	Civil Engineer						X				X
Megan Ueno, P.E.	Civil Engineer	X		X	X	X				X	
Justin Barnes, P.E.	Civil Engineer					X	X				
Kevin Fong, P.E.	Structural Engineer	X				X	X				
Davi Corcio-Alvarez, E.I.T	Construction Engineer					X					
Jerome Do	Construction Engineer				X						X
David Goya	Senior Construction Inspector					X					
Paul Serikawa	Construction Inspector										X
Scott Lai	Construction Inspector	X				X	X				
Aaron Katagihara	Construction Inspector			X		X	X				X

**29. EXAMPLE PROJECTS KEY**

NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)	NUMBER	TITLE OF EXAMPLE PROJECT (From Section F)
1	Waiahole Valley Potable Water System Select Repairs	6	Construction Management Services for the Papakolea Sewer System Improvements
2	Mauna Lani Disinfection	7	Construction Management Services for the Honolulu Zoo – Asian Tropical Forest Elephant Facility
3	Civil Engineering, Construction Management, and Related Staff Services for the Dept of Agriculture	8	Construction Management Services for the Waikapoi Wastewater Pump Station Upgrade
4	Construction Management Staff Augmentation for Rehabilitation of Streets, Various Projects on O’ahu	9	Construction Management Services for the Honouliuli Wastewater Treatment Plant Return Flow Pump Station
5	Construction Management Services for Sewer I/I Relief and Rehabilitation Projects – Ala Moana Basin	10	3rd Party Inspection for City and County of Honolulu NPDES Permit

## 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.

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 \*

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 Qualifications

#### Project Approach

TLCG's Construction Management (CM) team is built on the philosophy that each client's needs are unique and should be addressed individually. Our team operates as an extension of our clients, providing quality project solutions customized to meet the clients' goals. TLCG understands that there are many different agencies, parties, and stakeholders who need to be communicated with during the course of a project, and we take pride in our ability to successfully facilitate meetings and resolve issues with affected parties. TLCG believes effective communication and coordination are just as vital as the work quality and project budget to ensure a successful project.

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.

A thoughtfully-planned public outreach program is highly beneficial for informing residents and users of the project scope, impact, and schedule. Our CM team is experienced in working with various contractors to keep our elected officials and the public updated with project information to lessen the impact to residents and minimize complaints.

#### Project Team Composition and Leadership

TLCG's CM group is led by two Certified Construction Managers accredited by the Construction Management Association of America and is comprised of 6 Professional Engineers, 5 Engineers-in-Training, and 5 Inspectors. Mr. Ian Arakaki will serve as the Principal-in-Charge for the project team. Every CM project is overseen by Mr. Arakaki and managed and completed by one of our Professional Engineers.

For large-scale construction projects, it is more cost effective and logical to incorporate specialized construction inspectors into our CM team. TLCG has a working relationship with SSFM to utilize their construction inspectors as added resources and for special inspections.

It is our belief that in order to provide exceptional CM service, our team members must have a broad range of skill sets and experience in the construction industry. TLCG believes the Construction Manager is not only responsible for managing the contractor and quality control, but also serves as the bridge between the design and construction phases. Therefore, it is TLCG's philosophy that all CM engineers possess civil design and permitting experience in addition to extensive field/construction experience.

TLCG's greatest asset is its people. Comprised of motivated, experienced, creative, and practical professionals, TLCG is eager to solve the toughest engineering problems. The experience and qualifications of the key personnel for the project team are provided.

#### 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, TLCG has remained the preferred consultant for the private utility for the past 21 years.

#### 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, utilities, drainage, and stream studies.

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 Hawaii's Young Engineer of the Year in 2016.

**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.

**Megan Ueno, P.E.**



Ms. Ueno has 11 years of civil engineering design and construction experience. Her projects include design of wastewater collection systems, utility improvements, and site development; project management and construction administration for drainage improvement and street rehabilitation projects; and construction management.

**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.

**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.

**Davi Corcio-Alvarez, E.I.T.**



Ms. Corcio-Alvarez has served as Project Engineer for over 8 years on construction projects involving condominium development and building renovations and construction management of wastewater infrastructure upgrades.

**Jerome Do**



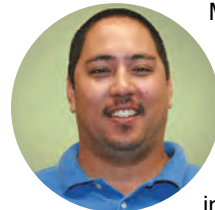
Mr. Do has 6 years of experience on civil and sanitary engineering projects. His projects site development, water/wastewater infrastructure upgrades, stormwater pollution prevention, and construction management.

**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**



Mr. Serikawa has 14 years of construction inspection experience on stormwater pollution prevention projects, including construction oversight and administration services for the Hawaii Department of Transportation Storm Water Management Program Plan and 3<sup>rd</sup> party stormwater inspections for the City and County of Honolulu's NPDES Permit.

**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.

**Aaron Katagihara**



Mr. Katagihara has over 8 years of experience serving as Project Coordinator on asphalt concrete paving projects and Inspector of stormwater and wastewater construction projects. His projects include removal and installation of new asphalt pavement, guardrail repair and replacement, stormwater inspections, 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 TCG service capacity.

**REDUNDANCY**

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

**Conflicts of Interest**

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

**Client References**


The following list provides a sample of TCG 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

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**I. AUTHORIZED REPRESENTATIVE**  
*The foregoing is a statement of facts.*

31. SIGNATURE



33. NAME AND TITLE

**Ian Y. Arakaki, Principal**

32. DATE

**June 29, 2023**

