

# County of Hawaii Professional Services During the Fiscal Year 2024 – 2025, Beginning July 1, 2024

June 30, 2024

## Research & Development RD.10) General Engineering (Energy)

Submitted by:  
2153 North King Street, Suite 201  
Honolulu, Hawaii 96819  
Tel (808) 941-0577 | Fax (808) 945-2646  
[info@rhaenergy.com](mailto:info@rhaenergy.com)





June 30, 2024

Research & Development  
County of Hawaii  
25 Aupuni Street, Suite 1301  
Hilo, HI 96720  
Attention: Mr. Douglas Adams, Director

Subject: Professional Services During the Fiscal Year 2024 –2025

Dear Mr. Adams,

RHA Energy Partners LLC would like to be considered to provide professional engineering services for the following category.

**RD.10) General Engineering (Energy)**

We have enclosed our Statement of Qualifications for your review. Should you have any questions regarding our submittal, please feel free to contact me by email at [kchock@rhaenergy.com](mailto:kchock@rhaenergy.com) or by telephone at (808) 941-0577.

Sincerely,

A handwritten signature in blue ink that reads "Kevin Chock".

---

Kevin Chock, LEED AP  
Vice President

KC/jc  
Enclosure



Standard Form 330

# ARCHITECT-ENGINEER QUALIFICATIONS

## PART I – CONTRACT-SPECIFIC QUALIFICATIONS

### A. CONTRACT INFORMATION

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

Professional Services for Fiscal Year 2024-2025

**2. PUBLIC NOTICE DATE**

June 1, 2024

**3. SOLICITATION OR PROJECT NUMBER**


N/A

### B. ARCHITECT-ENGINEER POINT OF CONTACT

**4. NAME AND TITLE**

Kevin Chock, LEED AP, President

**5. NAME OF FIRM**

 RHA Energy Partners LLC

**6. TELEPHONE NUMBER**

808-941-0577

**7. FAX NUMBER**

808-945-2646

**8. EMAIL ADDRESS**

[kchock@rhaenergy.com](mailto:kchock@rhaenergy.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	JV PARTNER	SUB-CONTRACTOR			
<b>a.</b>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	RHA Energy Partners LLC  <input type="checkbox"/> CHECK IF BRANCH OFFICE	2153 N. King Street, Suite 201 Honolulu, Hawaii 96819	General Engineering (Energy)
<b>b.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
<b>c.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
<b>d.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
<b>e.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	  <input type="checkbox"/> CHECK IF BRANCH OFFICE		
<b>f.</b>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	  <input type="checkbox"/> CHECK IF BRANCH OFFICE		

### D. ORGANIZATIONAL CHART OF PROPOSED TEAM

*(Attached)*

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME Kevin Chock, LEED AP	13. ROLE IN THIS CONTRACT President	14. YEARS EXPERIENCE	
		a. TOTAL 26	b. WITH CURRENT FIRM 8

15. FIRM NAME AND LOCATION (City and State) RHA Energy Partners LLC, Honolulu, Hawaii
--

16. EDUCATION (Degree and Specialization) Bachelor of Science, Mechanical Engineering Bachelor of Arts, Natural Science	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) LEED Accredited, Professional
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 LEED Accredited Professional; Energy management, energy performance contracting, preventive maintenance; Measurement & Verification protocols; Electrical Safety NFPA 70E W/Arch Flash Protection; Control of Hazardous Energy OSHA Standard

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>a.</b>	Keauhou Shopping Center's Phase 2 North & Phase 1 South Central Plant HVAC Improvements, Kailua-Kona, Hawaii	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Manager. <b>SCOPE:</b> As a subconsultant to GDDesign (GDD), RHA Energy Partners is providing mechanical and electrical engineering design for various HVAC improvements for the Center's North & South Central Plant. Design improvements include changes to the existing DDC control system and sequence of operations. <b>COST:</b> N/A		
<b>b.</b>	State of Hawaii, Department of Hawaiian Homelands Hoolehua Water System Improvements Project, Molokai, Hawaii	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Manager. <b>SCOPE:</b> Provided technical and engineering services in the audit, cost-saving and technical feasibility study, and conceptual design for an on-site solar PV and battery energy storage system for the DHHL Hoolehua Water System's Kauluwai Well Site. <b>COST:</b> N/A		
<b>c.</b>	DLNR Solar PV, Division of Fish and Wildlife Invertebrate Lab Backup Generator Design, Honolulu, Hawaii	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Manager. <b>SCOPE:</b> Evaluated backup generator options and prepared conceptual design and performance specifications to support critical facility research loads, including Owner-Rep services during design and construction. <b>COST:</b> \$150,000		
<b>d.</b>	DLNR Anuenue Fisheries Research Center Anuenue Fisheries Research Center PV Design and Bid Procurement Support, Honolulu, Hawaii	2021	2024
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Manager. <b>SCOPE:</b> Conducted a conceptual design for on-site solar PV systems, which included evaluating various solar PV opportunities to identify cost-effective solution; prepared a preliminary design; and assisted the client with Owner-Rep services during bid procurement, design, and construction. <b>COST:</b> \$424,000		
<b>e.</b>	Hawaii Health System Corporation, Various State Hospitals Energy Audits, Statewide, Hawaii	2021	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Manager. <b>SCOPE:</b> Conducted energy audits at three State Hospitals (Kahuku Hospital, Leahi Hospital, and Maluhia Hospital) located on Oahu to identify and evaluate the technical and financial viability of various potential energy conservation measures, which included on-site solar PV and battery energy storage opportunities. <b>COST:</b> N/A		

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME Ronald Ho, PE	13. ROLE IN THIS CONTRACT Principal-in-Charge	14. YEARS EXPERIENCE	
		a. TOTAL 57	b. WITH CURRENT FIRM 9

15. FIRM NAME AND LOCATION (City and State) RHA Energy Partners LLC, Honolulu, Hawaii
--

16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering Master of Science, Electrical Engineering	17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #3737 Hawaii, Mechanical Engineer, #3737
---	---

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Electrical Safety NFPA 70E W/Arc Flash Protection, 2011; Certified Energy Manager; Certified Green Building Engineer
---

### 19. RELEVANT PROJECTS

#	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
a.	Keauhou Shopping Center's Phase 2 North & Phase 1 South Central Plant HVAC Improvements, Kailua-Kona, Hawaii	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>ROLE:</b> Project Manager. <b>SCOPE:</b> As a subconsultant to GDDesign (GDD), RHA Energy Partners is providing mechanical and electrical engineering design for various HVAC improvements for the Center's North & South Central Plant. Design improvements include changes to the existing DDC control system and sequence of operations. <b>COST:</b> N/A		
b.	State of Hawaii, Dept. of Hawaiian Homelands Hoolehua Water System Improvements Project (Molokai, Hawaii)	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>ROLE:</b> Principal-in-Charge. <b>SCOPE:</b> Provided technical and engineering services in the audit, cost-saving and technical feasibility study, and conceptual design for an on-site solar PV and battery energy storage system for the DHHL Hoolehua Water System's Kauluwai Well Site. <b>COST:</b> N/A		
c.	State of Hawaii, Department of Land and Natural Resources Division of Fish and Wildlife Invertebrate Lab Backup Generator Design, Honolulu, Hawaii	2024	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>ROLE:</b> Project Manager. <b>SCOPE:</b> RHA Energy Partners is evaluating backup generator options and preparing conceptual design and performance specifications to support critical facility research loads, including Owner-Rep services during design and construction. <b>COST:</b> \$150,000		
d.	The Salvation Army's Ray & Joan Kroc Corps Community Center Energy Saving Improvement Program, Kapolei, Hawaii	2019	2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>ROLE:</b> Project Manager. <b>SCOPE:</b> Services provided included conducting a comprehensive energy audit, evaluation and identification of viable Energy Conservation Measures, including lighting retrofits and on-site renewable energy opportunities for the entire Kroc Center campus (90,000 SF). <b>COST:</b> N/A		
e.	2153 North King Street Commercial Building Energy Efficiency Improvement Upgrades, Honolulu, HI	2022	2022
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm <b>ROLE:</b> Principal-in-Charge. <b>SCOPE:</b> Provided overall project management, construction management, commissioning, measurement and verification of system savings and performance. <b>COST:</b> \$1,500,000		

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME Melvin Oyadomari, PE, CEM	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 41	b. WITH CURRENT FIRM 4
15. FIRM NAME AND LOCATION (City and State) RHA Energy Partners LLC, Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering Technology		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #8626	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certified Energy Manager; Association of Energy Engineers (AEE)			

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION (if applicable)
<b>a.</b>	(1) TITLE AND LOCATION (City and State) University of Hawaii at Manoa's Photovoltaic (PV) Power Plant Master Plan, Honolulu, Hawaii	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Engineer. <b>SCOPE:</b> Provided designs for the master planning of campus-wide Solar PV systems, modeling, battery energy storage, and interconnection planning requirements with UHM's primary electrical distribution system and HECO. Campus-wide PV layouts and system information were also integrated onto UHM's GIS database, providing additional coordination with campus-wide planning efforts. <b>COST:</b> N/A		
<b>b.</b>	(1) TITLE AND LOCATION (City and State) Beretania Pumping Station Energy & Peak Demand Savings Study Honolulu, HI	2020	2021
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Engineer. <b>SCOPE:</b> Provided energy engineering, mechanical engineering, and electrical engineering consulting services in the evaluation for existing pump station operations and electric utility rate structures and costs, and to identify various on-site solar PV and energy storage opportunities, energy saving, shifting, or peak demand reduction opportunities for implementation and to reduce the Station's electric utility costs. <b>COST:</b> N/A		
<b>c.</b>	(1) TITLE AND LOCATION (City and State) University of Hawaii at Manoa's Photovoltaic (PV) Power Plant Master Plan, Honolulu, Hawaii	2021	Ongoing
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Engineer. <b>SCOPE:</b> Prepared a campus-wide master plan for various solar PV and battery energy storage system planning scenarios, including conceptual system designs, layouts, budget, and phasing plan for campus-wide rooftop, raised super-structure rooftop, canopy, or ground-mount PV systems. The master plan coordinated various UH stakeholders, priorities, and planning criteria to identify recommended master plan for maximizing on-site solar PV opportunities and to help UHM with its mandate to achieve a 100% net-zero energy campus by 2035. <b>COST:</b> N/A		
<b>d.</b>	(1) TITLE AND LOCATION (City and State) Village Parkway Solar PV and Battery Energy Storage Design Kapolei, Hawaii	2023	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Engineer. <b>SCOPE:</b> RHA Energy Partners provided schematic design of Solar PV and battery energy storage system for net-zero energy footprint of Kapolei Parkway complex, including energy load modelling, PV and battery system sizing. <b>COST:</b> N/A		
<b>e.</b>	(1) TITLE AND LOCATION (City and State) Alder Street Property Energy Model and HECO Battery Bonus Program Evaluation, Honolulu, Hawaii	2021	N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Project Engineer. <b>SCOPE:</b> RHA Energy Partners provided energy model load profiling of facilities energy requirements to validate PV and battery energy storage system sizing. <b>COST:</b> N/A		

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME Mark Cruz	13. ROLE IN THIS CONTRACT Energy Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 5	b. WITH CURRENT FIRM 2

15. FIRM NAME AND LOCATION <i>(City and State)</i> RHA Energy Partners LLC, Honolulu, Hawaii
---

16. EDUCATION <i>(Degree and Specialization)</i> Master of Science, Mechanical Engineering Design and System Engineering; Bachelor of Science, Electrical Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A
--	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Cruz is responsible for providing various energy engineering services including conducting energy audits; heating, ventilation, and air conditioning (HVAC) and building automation system; and direct digital control (DDC) system design and commissioning

### 19. RELEVANT PROJECTS

	(3) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	(3) TITLE AND LOCATION <i>(City and State)</i> Keauhou Shopping Center South Plant HVAC Electrical Design Kailua-Kona, Hawaii	Ongoing	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Engineer. <b>SCOPE:</b> RHA Energy Partners conducted a property condition assessment, as a subconsultant to GDDesign, of the Keauhou Shopping Center’s exterior lighting and common-area lighting systems, site electrical infrastructure (including overseeing infra-red thermography measurements of electrical service panels), Solar PV systems (including review and evaluation of the property’s existing Power Purchase Agreement contract), the center’s Phase 1 HVAC central plant and condenser water loop system, and the Center’s Phase 2 HVAC central chiller plant. <b>COST:</b> N/A		
b.	(1) TITLE AND LOCATION <i>(City and State)</i> Alia (Block I) Solar PV Systems Preliminary Design & Bid Honolulu, Hawaii	2023	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Engineer. <b>SCOPE:</b> RHA Energy Partners is assisting Kobayashi Group with Owner-Rep services in the design and modeling for its Alia (Block I) project development. Services include evaluation and preliminary design of a rooftop and parking canopy solar PV system. In addition, RHA Energy Partners will assist in preparing and administering bid documents to be issued as a Request for Proposal to potential PV design-build contractors for final design and construction of the intended solar PV systems. <b>COST:</b> N/A		
c.	(1) TITLE AND LOCATION <i>(City and State)</i> University of Hawaii at Manoa, Energy Savings Performance Contract Investment Grade Audit, Lighting and Solar PV System Design and Feasibility Studies, Honolulu, Hawaii	2022	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Engineer. <b>SCOPE:</b> Providing lighting and electrical engineering design services in support of AECOM's overall energy performance contract for various UH Manoa campus buildings. <b>COST:</b> N/A		
d.	(4) TITLE AND LOCATION <i>(City and State)</i> Punahou School Strategic Energy Master Plan Honolulu, Hawaii	2021	2021
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Engineer. <b>SCOPE:</b> Developed a strategic energy master plan to identify campus-wide energy use, determine its maximum on-site renewable energy generation and net-zero energy potential, and design-build construction of campus-wide LED lighting upgrades, submetering, and HVAC upgrades. <b>COST:</b> N/A		

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME	13. ROLE IN THIS CONTRACT	14. YEARS EXPERIENCE	
Keola Larson	Energy Engineer	a. TOTAL 2	b. WITH CURRENT FIRM <1

15. FIRM NAME AND LOCATION *(City and State)*  
 RHA Energy Partners LLC, Honolulu, Hawaii

16. EDUCATION <i>(Degree and Specialization)</i> Bachelor of Science, Renewable Energy Engineering	17. CURRENT PROFESSIONAL REGISTRATION <i>(State and Discipline)</i> N/A
---	--

18. OTHER PROFESSIONAL QUALIFICATIONS *(Publications, Organizations, Training, Awards, etc.)*  
 Mr. Larson is responsible for conducting energy audits, design, project management and construction management activities for implementation of various energy efficiency and renewable energy projects for RHA Energy Partners’ private and public sector clients. Mr. Larson’s experience includes construction management responsibilities of utility-scale solar PV renewable energy projects and solar PV modelling and design, showcasing his versatility with technical design, project management and administration, and proactive engagement in project execution and delivery.

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION <i>(City and State)</i>	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>
a.	Alia (Block I) Solar PV Systems Preliminary Design & Bid Honolulu, Hawaii	2023	Ongoing
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> RHA Energy Partners is assisting Kobayashi Group with Owner-Rep services in the design and modeling for its Alia (Block I) project development. Services include evaluation and preliminary design of a rooftop and parking canopy solar PV system. In addition, RHA Energy Partners will assist in preparing and administering bid documents to be issued as a Request for Proposal to potential PV design-build contractors for final design and construction of the intended solar PV systems. <b>COST:</b> N/A		
b.	Pacific Provisions Energy Audit Honolulu, Hawaii	2024	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> RHA Energy Partners is set to conduct an energy audit for Pacific Provisions at their Kapolei facility to identify and assess energy conservation measures. The audit will cover the technical and financial feasibility of these measures, estimate energy savings, offer budgetary costs for implementation, and include a financial cost-savings analysis. The team will provide recommendations for technically and financially viable measures in a detailed report, aimed at assessing energy-saving opportunities. <b>COST:</b> N/A		
c.	Kapilina Subdivision Electrical Infrastructure & Planning Study, Ewa Beach, Hawaii	Ongoing	N/A
	(3) BRIEF DESCRIPTION <i>(Brief scope, size, cost, etc.)</i> AND SPECIFIC ROLE <span style="float: right;"><input checked="" type="checkbox"/> Check if project performed with current firm</span> <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> RHA Energy Partners plans to collaborate with Ronald N.S. Ho & Associates (RNSHA) to perform an electrical infrastructure study for the Kapilina Beach Homes development in Ewa Beach, Hawaii. This study aims to assess the current electrical infrastructure to identify potential upgrades that could enhance the project technically, operationally, and financially. The approach includes initial analysis of the existing infrastructure, engagement with stakeholders such as HECO and NAVFACHI for insights into leasing and utility interconnection constraints, and exploration of solar PV and battery energy storage solutions based on these finding. <b>COST:</b> N/A		

# ARCHITECT-ENGINEER QUALIFICATIONS

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

(Complete one Section E for each key person.)

12. NAME Kelsey Ogomori	13. ROLE IN THIS CONTRACT Energy Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM <1
15. FIRM NAME AND LOCATION (City and State) RHA Energy Partners LLC, Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) N/A	

18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.)  
 Mr. Ogomori is responsible for conducting energy audits, design, project management and construction management activities for implementation of various energy efficiency and renewable energy projects for RHA Energy Partners’ private and public sector clients. Mr. Ogomori’s experience demonstrates proficiency in electrical installation and troubleshooting for residential scale solar and battery storage, ensuring efficient and effective electrical system functionality. He has also been instrumental in providing technical support, conducting personnel and management training, and facilitating process development to improve operational procedures.

### 19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Keauhou Shopping Center’s Phase 2 North & Phase 1 South Central Plant HVAC Improvements, Kailua-Kona, Hawaii	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) Ongoing
<b>a.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>ROLE:</b> Project Manager. <b>SCOPE:</b> As a subconsultant to GDDesign (GDD), RHA Energy Partners is providing mechanical and electrical engineering design for various HVAC improvements for the Center’s North & South Central Plant. Design improvements include changes to the existing DDC control system and sequence of operations. <b>COST:</b> N/A		<input checked="" type="checkbox"/> Check if project performed with current firm
	Kapolei Judiciary PV & Battery Energy Storage Design Kapolei, Hawaii	PROFESSIONAL SERVICES 2024	CONSTRUCTION (if applicable) N/A
<b>b.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> Design a new solar PV parking canopy and battery energy storage (BES) system for the Kapolei Judiciary Complex, aiming to fulfill 100% of the energy needs of the Ho’omalulu Juvenile Detention Center, subject to budget, space, and technical conditions. This includes a new employee parking area to hold about 150 vehicles. The PV and BES system is expected to enable “islanding”, microgrid capabilities for the detention center during utility outages and cost savings to the Judiciary. <b>COST:</b> N/A		<input checked="" type="checkbox"/> Check if project performed with current firm
	Department of Land & Natural Resources, Invertebrate Lab Backup Generator Design, Honolulu, Hawaii	PROFESSIONAL SERVICES 2024	CONSTRUCTION (if applicable) N/A
<b>c.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> Evaluate backup generator options and preparing conceptual design and performance specifications to support critical facility research loads, including Owner-Rep services during design and construction. <b>COST:</b> N/A		<input checked="" type="checkbox"/> Check if project performed with current firm
	Punahou School Energy Monitoring Services Honolulu, Hawaii	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
<b>d.</b>	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE <b>ROLE:</b> Energy Engineer. <b>SCOPE:</b> Prepared the engineering design for submetering system, including configuration and integration onto web-based energy monitoring platform. The monitoring system provides real-time and historical energy consumption data, trends, and reports that can proactively monitor and manage its energy use to be more energy efficient and environmentally responsible. <b>COST:</b> N/A		<input checked="" type="checkbox"/> Check if project performed with current firm

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
**1**

21. TITLE AND LOCATION <i>(City and State)</i> Keauhou Shopping Center's Phase 2 North & Phase 1 South Central Plant HVAC Improvements, Kailua-Kona, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> Ongoing

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Kamehameha Schools	b. POINT OF CONTACT NAME Glenn Yokotake (GD Design Hawaii)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 797-3010
--	---	--

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

**SCOPE:** As a subconsultant to GDDesign (GDD), RHA Energy Partners is providing mechanical and electrical engineering design for various HVAC improvements for the Keauhou Shopping Center's North & South Central Plant. Design improvements include changes to the existing DDC control system and sequence of operations. Collectively, our services will cover experience and focus on the project's design and constructability elements, O&M considerations, staff training, and energy optimization.

**PROJECT COST:** N/A

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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	RHA Energy Partners	Honolulu, Hawaii	Mechanical and Electrical Engineering
<b>b.</b>	GD Design Hawaii	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**2**

21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Department of Hawaiian Homelands Hoolehua Water Systems Improvements Project, Molokai, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i> 2019

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawaii, Department of Hawaiian Homelands	b. POINT OF CONTACT NAME Paul Matsuda (G70)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 441-2127
---	--	--

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

**SCOPE:** The Hoolehua Public Water System (PWS No. 230), as part of the State of Hawaii’s Department of Hawaiian Homelands, provides critical infrastructure to provide fresh domestic water serving native Hawaiian homesteaders on the rural island of Molokai’s Hawaiian Homelands. RHA Energy Partners, as a subconsultant to G70 (Prime), conducted a feasibility study and conceptual design of a potential solar PV and battery energy storage system microgrid at the water system’s main deep well pumping and transfer station. The study evaluated the technical, financial, and programmatic feasibility for a net-zero energy microgrid at the pump station to help improve the sites power redundancy and resiliency, along with reducing long-term operational energy costs of the pump station.

RHA Energy Partners was responsible for the technical evaluation, including site assessments, of the pump station’s existing electrical infrastructure, conceptual design of a ground-mount solar PV and battery energy storage system, electrical tie-in to the sites existing electrical infrastructure and emergency generator assets, and microgrid site controls. RHA Energy Partners responsibilities also included engagement with the electric utility company, Hawaiian Electric Company, to discuss both high-level utility partnering opportunities and staff-level technical interconnection of a potential microgrid. Such early-stage planning and coordination was critical due to the utility’s relatively small-scale rural electric grid and potential impact from such a commercial non-utility microgrid. Finding, results, and recommendations from the study and concept design included implementation plans and procurement support for potential future procurement and implementation of the microgrid concept.

**PROJECT COST:** N/A



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	RHA Energy Partners	Honolulu, Hawaii	Mechanical Engineering Subconsultant
b.	G70	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
**3**

21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Dept. of Education, Kihei High School 100% Net-Zero Energy PV & Battery Energy Storage Microgrid Design Kihei, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i> 2019

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawaii, Dept. of Education	b. POINT OF CONTACT NAME Paul Matsuda (G70)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 441-2127
---	--	--

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

**SCOPE:** RHA Energy Partners, as a subconsultant to G70 (prime consultant to DOE), provided engineering services for the technical and financial evaluation of viable on-site solar PV and battery energy storage systems for the new Kihei High School currently in design and construction. The conceptual design and evaluation identified viable and cost-effective means to achieve a 100% net-zero energy goal for the high school. Services included conceptual design and modelling of renewable energy system production, and detailed financial evaluation of various project financing mechanisms.

**PROJECT COST:** N/A



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	RHA Energy Partners	Honolulu, Hawaii	Energy Engineering Design Subconsultant
b.	G70	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**4**

21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Department of Land and Natural Resources Division of Fish and Wildlife Invertebrate Lab Backup Generator Design, Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(if applicable)</i> N/A

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawaii, Department of Land and Natural Resources	b. POINT OF CONTACT NAME Dani Yoo	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0258
---	--------------------------------------	--

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

**SCOPE:** RHA Energy Partners is evaluating backup generator options and preparing conceptual design and performance specifications to support critical facility research loads, including Owner-Rep services during design and construction.

**PROJECT COST:** \$150,000

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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	RHA Energy Partners	Honolulu, Hawaii	Electrical Engineering

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified.  
Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**5**

21. TITLE AND LOCATION <i>(City and State)</i> The Salvation Army's Ray & Joan Kroc Corps Community Center Energy Audit Kapolei, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2019	CONSTRUCTION <i>(if applicable)</i> 2019

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Kroc Center Hawaii	b. POINT OF CONTACT NAME Rick Ahn	c. POINT OF CONTACT TELEPHONE NUMBER (808) 693-8306
--	--------------------------------------	--

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

**SCOPE:** Services provided included conducting a comprehensive energy audit, evaluation and identification of viable Energy Conservation Measures, including lighting retrofits and on-site renewable energy opportunities for the entire Kroc Center campus (90,000 SF).

Conducted preliminary design of solar PV system and preparation of procurement and bid documents for PV installer and Power Purchase Agreement (PPA) financier. Led procurement process and PPA contract negotiation on behalf of The Salvation Army. Provided owner-rep construction management services, including measurement and verification of energy savings.

Conducted for-permit and for-construction engineering design and preparation of procurement and bid documents for campus-wide LED lighting retrofit project. Provided overall owner-rep construction management services, including measurement and verification of energy savings.

**PROJECT COST:** \$300,000



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	RHA Energy Partners	Honolulu, Hawaii	Design Consultant and Owner-Rep Project & Construction Management Services

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
**6**

21. TITLE AND LOCATION <i>(City and State)</i> Punahou School Strategic Energy Master Plan Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i> 2021

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER Punahou School	b. POINT OF CONTACT NAME John Field	c. POINT OF CONTACT TELEPHONE NUMBER (808) 944-5739
------------------------------------	--	--

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

**SCOPE:** RHA Energy Partners developed a strategic energy master plan to identify campus-wide energy use, determine its maximum on-site renewable energy generation and net-zero energy potential, and design-build construction of campus-wide LED lighting upgrades, submetering, and HVAC upgrades.

RHA Energy Partners then provided professional engineering design services for the design of campus-wide LED lighting retrofits, campus-wide building submetering and energy monitoring platform, and various building HVAC retrofits. Professional services included preparation of bid documents and overseeing competitive contractor bids and procurement on behalf of Punahou School.

RHA Energy Partners, as a B-licensed general contractor, is currently working with Punahou Schools to provide overall general contracting construction services for the construction of the campus-wide lighting upgrades, building submetering and energy monitoring platform, and various building HVAC upgrades, including monitoring and verifying energy savings.

**PROJECT COST:** \$10.0 million



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	RHA Energy Partners	Honolulu, Hawaii	Design-Build Engineering and General Contracting Prime

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)

20. EXAMPLE PROJECT KEY NUMBER  
**7**

21. TITLE AND LOCATION <i>(City and State)</i> State of Hawaii, Department of Land and Natural Resources, Anuenue Fisheries Research Center Anuenue Fisheries Research Center PV Design and Bid Procurement Support, Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2021	CONSTRUCTION <i>(if applicable)</i> 2024

### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawaii, Department of Land and Natural Resources	b. POINT OF CONTACT NAME Dani Yoo	c. POINT OF CONTACT TELEPHONE NUMBER (808) 587-0258
---	--------------------------------------	--

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

**SCOPE:** RHA Energy Partners conducted a conceptual design for on-site solar PV systems at the Department of Land and Natural Resources' (DLNR) Anuenue Fisheries Research Center, which included evaluating various solar PV opportunities to identify cost-effective solution. We also prepared a preliminary design and assisted the client with Owner-Rep services during bid procurement, design, and construction.

**PROJECT COST:** \$424,000



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	RHA Energy Partners	Honolulu, Hawaii	Energy Savings Performance Contracting Subconsultant

# ARCHITECT-ENGINEER QUALIFICATIONS

<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>
---	--

21. TITLE AND LOCATION <i>(City and State)</i> Pacific Provisions Energy Audit, Kapolei, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2024	CONSTRUCTION <i>(if applicable)</i> N/A

<b>23. PROJECT OWNER'S INFORMATION</b>
--

a. PROJECT OWNER Pacific Provisions Hawaii	b. POINT OF CONTACT NAME Raymond Kwock	c. POINT OF CONTACT TELEPHONE NUMBER (949) 244-9878
---	---	--

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

**SCOPE:** Conducted an energy audit for Pacific Provisions at their Kapolei facility to identify and assess energy conservation measures. The audit covered the technical and financial feasibility of these measures, estimated energy savings, budgetary costs for implementation, and include a financial cost-savings analysis. The team provided recommendations for technically and financially viable measures in a detailed report, aimed at assessing energy-saving opportunities.

**PROJECT COST:** \$200,000

<b>25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT</b>		
--	--	--

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>b.</b>	RHA Energy Partners LLC	Honolulu, Hawaii	Energy Savings Performance Contracting Subconsultant
<b>c.</b>	Okahara & Associates	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

## F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

*(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)*

20. EXAMPLE PROJECT KEY NUMBER  
**9**

21. TITLE AND LOCATION <i>(City and State)</i> University of Hawaii at Manoa's Photovoltaic (PV) Power Plant Master Plan Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES Ongoing	CONSTRUCTION <i>(if applicable)</i> Ongoing

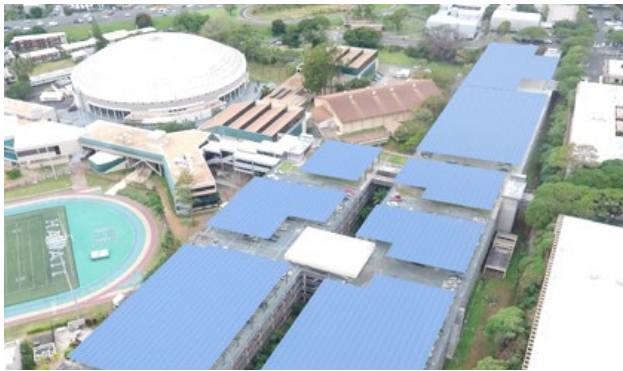
### 23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER University of Hawaii	b. POINT OF CONTACT NAME Paul Matsuda (G70)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 441-2127
--	--	--

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

**SCOPE:** RHA Energy Partners was contracted as a subconsultant on the G70 team to provide for the master planning of campus-wide Solar PV system designs, modeling, battery energy storage, and interconnection planning requirements with UHM's primary electrical distribution system and HECO. Campus-wide PV layouts and system information was also integrated onto UHM's GIS database, providing additional coordination with campus-wide planning efforts.

**PROJECT COST:** N/A



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

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	RHA Energy Partners	Honolulu, Hawaii	Energy Savings Performance Contracting
<b>b.</b>	G70	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

<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>
---	---

21. TITLE AND LOCATION <i>(City and State)</i> Beretania Pumping Station Energy & Peak Demand Savings Study Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i> 2021

23. PROJECT OWNER'S INFORMATION		
a. PROJECT OWNER Board of Water Supply	b. POINT OF CONTACT NAME David Leong	c. POINT OF CONTACT TELEPHONE NUMBER (808) 748-5831

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

**SCOPE:** RHA Energy Partners, as a subconsultant to Ronald N.S. Ho & Associates, provided energy engineering, mechanical engineering, and electrical engineering consulting services in the evaluation of the BWS's Beretania Pumping Station's existing pump station operations and electric utility rate structures and costs, and to identify various on-site solar PV and energy storage opportunities, energy saving, shifting, or peak demand reduction opportunities for implementation and to reduce the Beretania Pumping Station's electric utility costs.

**PROJECT COST:** N/A

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT			
	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
<b>a.</b>	RHA Energy Partners	Honolulu, Hawaii	Energy Engineering, Mechanical Engineering, Electrical Engineering Subconsultant
<b>b.</b>	Ronald N.S. Ho & Associates	Honolulu, Hawaii	Prime Consultant

# ARCHITECT-ENGINEER QUALIFICATIONS

## G. KEY PERSONNEL PARTICIPATION IN EXAMPLE PROJECTS

26. NAMES OF KEY PERSONNEL <i>(From Section E, Block 12)</i>	27. ROLE IN THIS CONTRACT <i>(From Section E, Block 13)</i>	28. EXAMPLE PROJECTS LISTED IN SECTION F <i>(Fill in "Example Projects Key" section below before completing table. Place "X" under project key number for participation in same or similar role)</i>									
		1	2	3	4	5	6	7	8	9	10
Kevin Chock, LEED AP	President / Project Manager	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
Ronald Ho, PE, CEM	Principal-in-Charge	☒	☒	☒	☒	☒	☒	☒	☒	☒	☒
Melvin Oyadomari, PE, CEM	Electrical Engineer	☒	☒	☒	☒					☒	☒
Mark Cruz	Energy Engineer	☒		☒		☒					
Keola Larson	Energy Engineer					☒			☒		
Kelsey Ogomori	Energy Engineer	☒			☒	☒					

### 29. EXAMPLE PROJECTS KEY

No.	Title of Example Project <i>(from Section F)</i>	No.	Title of Example Project <i>(from Section F)</i>
1.	Keauhou Shopping Center's Phase 2 North & Phase 1 South Central Plant HVAC Improvements	6.	Punahou School Strategic Energy Master Plan and Charrette Honolulu, Hawaii
2.	State of Hawaii Department of Hawaiian Homelands Hoolehua Water Systems Improvement Project Molokai, Hawaii	7.	State of Hawaii, Department of Land and Natural Resources, Anuenue Fisheries Research Center Honolulu, Hawaii
3.	State of Hawaii Department of Education Kihei High School, Kihei, Hawaii	8.	Pacific Provisions Energy Audit, Kapolei, Hawaii
4.	State of Hawaii, Department of Land and Natural Resources, Division of Fish and Wildlife Invertebrate Lab Backup Generator Design, Honolulu, Hawaii	9.	University of Hawaii at Manoa's Photovoltaic (PV) Power Plant Master Plan Honolulu, Hawaii
5.	The Salvation Army's Ray & Joan Kroc Corps Community Center Energy Saving Improvement Program, Kapolei, Hawaii	10.	Beretania Pumping Station Energy & Peak Demand Savings Study Honolulu, Hawaii

# ARCHITECT-ENGINEER QUALIFICATIONS

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. (Attach additional sheets as needed.)

**1. The name of the firm or person, the principal place of business, and location of all of its offices.**

RHA Energy Partners LLC is located at 2153 North King Street, Suite 201, Honolulu, Hawaii 96819.

**2. The age of the firm and its average number of employees over the past five years.**

RHA Energy Partners LLC was created in 2015 (9 years) to expand upon the capabilities and expertise in energy services and solutions of the firm Ronald N.S. Ho & Associates, Inc. (RNSHA) which was established in 1978 and has provided dedicated professional engineering services, earning itself a solid reputation built on trust. RHA Energy Partners have an average of five employees for the past five years.

**3. The education, training, and qualifications of key members of the firm.**

Please refer to SF330 Section E Resumes for the education, training, and qualifications of key members of our firm.

**4. A list of recent projects and the names of up to five clients who may be contacted, including at least two for whom services were rendered during the preceding year.**

Our team's experience in the design and implementation of a wide range of energy, mechanical, and electrical systems make us qualified for the planning, design, implementation, construction, and overall project management of a wide range of solutions. Such experience includes lighting, photovoltaic systems, energy storage, transformers, controls, and HVAC.

RHA Energy Partners has assembled a team of qualified and experienced professionals that draw on a range of experiences and expertise to ensure the County of Hawaii has at its discretion the capabilities and expertise needed for successful project implementation. Therefore, whether such needs include planning studies, engineering designs, bid procurement support, or owner-rep project and construction management services, RHA Energy Partners has the experience and personnel to support the County of Hawaii.

Energy, Mechanical, and Electrical Project Design and Construction Experience:

- State of Hawaii, Department of Land and Natural Resources, Anuenue Fisheries Research Center, Honolulu, Hawaii. RHA Energy Partners conducted a conceptual design for on-site solar PV systems at the DLNR's Anuenue Fisheries Research Center, which included evaluation for feasibility of battery energy storage systems as a means to reduce the facility's energy costs and to improve power reliability and resiliency to help preserve the ongoing aquatic research being conducted at the research center.
- State of Hawaii, Department of Land and Natural Resources, Division of Fish and Wildlife Invertebrate Lab Backup Generator Design, Honolulu, Hawaii. RHA Energy Partners is evaluating backup generator options and preparing conceptual design and performance specifications to support critical facility research loads, including Owner-Rep services during design and construction.
- State of Hawaii, Department of Hawaiian Homelands, Hoolehua Water Systems Improvements Project, Molokai, Hawaii. RHA Energy Partners, as a subconsultant to G70 (prime consultant to DHHL), provided technical and engineering services in the audit, cost-saving and technical feasibility study, and conceptual design for an onsite solar PV and battery energy storage system for the DHHL Hoolehua Water System's Kauluwai Well Site.

# ARCHITECT-ENGINEER QUALIFICATIONS

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. (Attach additional sheets as needed.)

Services being provided include technical and financial evaluation and feasibility study for the well site to achieve a 100% net-zero energy with on-site solar PV and battery energy storage system, including conceptual design and evaluation of various procurement and project financing mechanisms to achieve maximum cost-savings to DHHL. Services also include assisting DHHL with procurement services and preparation of potential DHHL procurement for installation of solar PV and battery energy storage system, modules, card readers, and cards.

- Department of Agriculture Facilities, Implement Energy Conservation Measures (design). Implemented energy conservation measures at four (4) buildings on the King Street, Auwiki Street, and Halawa facilities including installation of PV systems and LED lighting retrofits.
- Hongwanji Mission Academy Energy Audit, Honolulu, Hawaii. Conducted campus-wide energy audit and evaluation of solar PV power purchase agreement.
- Island Pacific Academy Campus-Wide LED Lighting Upgrade, Kapolei, Hawaii. Provided turnkey lighting design-build services for the design, material procurement, and installation of campus-wide LED lighting upgrades.
- Punahou School Strategic Energy Master Plan, Honolulu, Hawaii. RHA Energy Partners developed a strategic energy master plan to help the school better understand its overall campus-wide energy use, determine its maximum on-site renewable energy generation and net-zero energy potential, including evaluation of EV fleet conversion, and develop a roadmap to implement those opportunities that were identified as both technically and financially feasible. RHA then provided professional engineering design services for the design of campus-wide LED lighting retrofits, campus-wide building submetering and energy monitoring platform, and various building HVAC retrofits.
- State of Hawaii, Department of Education, Kihei High School, Kihei, Hawaii. RHA Energy Partners, as a subconsultant to G70 (prime consultant to DOE), provided engineering services for the technical and financial evaluation of viable on-site solar PV and battery energy storage systems for the new Kihei High School. The conceptual design and evaluation identified viable and cost-effective means to achieve a 100% net-zero energy goal for the high school. Services included conceptual design and modelling of renewable energy system production, and detailed financial evaluation of various project financing mechanisms.
- The University of Hawaii at Manoa, PV Power Plant Master Plan. RHA Energy Partners, as a subconsultant to G70 (prime consultant to the Univ. of Hawaii), provided technical design and planning for campus-wide Solar PV and Battery Energy Storage systems for the Univ. of Hawaii's 300 acre campus. RHA provided conceptual design and modelling of over 200 individual PV systems and totaling more than 57 MW of PV systems consisting of various rooftop PV, ground-mount PV, vertical building-integrated PV, superstructure rooftop PV, roadway and walkway PV canopies, parking canopy PV systems, and 20 MW of Battery Energy Storage. Work included detailed coordination and evaluation for PV integration onto the campus' 12 kV primary electrical distribution grid.
- Beretania Pumping Station Energy & Peak Demand Savings Study, Honolulu, Hawaii. RHA Energy Partners, as a subconsultant to Ronald N.S. Ho & Associates, provided energy engineering, mechanical engineering, and electrical engineering consulting services in the evaluation of the BWS's Beretania Pumping Station's existing pump station operations and electric utility rate structures and costs, and to identify various on-site solar PV and energy storage opportunities, energy saving, shifting, or peak demand reduction opportunities for implementation and to reduce the Beretania Pumping Station's electric utility costs.

# ARCHITECT-ENGINEER QUALIFICATIONS

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. (Attach additional sheets as needed.)

- Hawaii Health System Corporation, Various Hospital Energy Audits, Oahu, Hawaii. Conducted energy audits of HHSC's Kahuku Hospital, Leahi Hospital, and Maluhia Hospital to identify and evaluate various energy conservation measures, potential energy savings, and budgetary implementation cost-savings and financial cost-benefit analysis.
- The Queen's Medical Center West Oahu Parking Lot LED Lighting Design, Ewa Beach, Hawaii. Prepared preliminary design for parking lot LED fixture upgrade to help improve parking lot lighting and illumination.
- Rehabilitation Hospital of the Pacific, Strategic Energy Plan, Honolulu, Hawaii. RHA Energy Partners prepared a Strategic Energy Plan for the Rehabilitation Hospital of the Pacific that included a campus-wide energy audit to identify viable energy conservation measures, a preliminary design for the expansion of the hospital's chiller plant, and an evaluation of the facility's existing electrical infrastructure.
- The Salvation Army's Ray & Joan Kroc Corps Community Center Energy Saving Improvement Program (90,000 SF). Services provided included conducting a comprehensive energy audit and evaluation and identification of viable ECMs and on-site renewable energy opportunities for the entire Kroc Center campus. Project scope included providing procurement services and development of contractor bid docs and contractor selection evaluations for the expected implementation of a campus-wide LED retrofit and roof-top solar PV system. Ongoing services include providing overall Project Management and Construction Management services.
- Engineering Services for KROC Lighting Retrofit Project. Provided engineering services for the lighting retrofit project which included performing lighting energy audit, designing energy efficient lighting systems for the subject building, coordinating with Hawaii Energy to obtain rebates, and providing financial analysis.
- Japanese Cultural Center of Hawaii, Strategic Energy Plan. Developed a strategic energy plan to identify technically and financially viable energy conservation measures to reduce facility energy costs and to improve facility-wide building systems and operations. Evaluated and identified facility-wide LED lighting upgrades, HVAC chiller plant redesign and replacements, building controls, and on-site solar PV energy system opportunities. Provided conceptual designs, financial cost-savings analysis, and project planning and implementation options for viable facility-upgrades, operational improvements, and cost savings.
- Kapolei Judiciary PV & Battery Energy Storage Design, Kapolei, Hawaii. Designed a new solar PV parking canopy and battery energy storage (BES) system for the Kapolei Judiciary Complex, aiming to fulfill 100% of the energy needs of the Ho'omalulu Juvenile Detention Center, subject to budget, space, and technical conditions. This includes a new employee parking area to hold about 150 vehicles. The PV and BES system is expected to enable "islanding", microgrid capabilities for the detention center during utility outages and cost savings to the Judiciary.
- City & County of Honolulu, Energy Savings Performance Contract. Provided lighting audits of various C&C facilities to support LED lighting design.
- State of Hawaii, Department of Transportation, Kahului Airport Electrical One-Line Verification. Reviewed and updated the airport's existing primary electrical distribution system and prepared updated electrical one-line diagrams.
- State of Hawaii, Department of Transportation Daniel K. Inouye International Airport Airfield Lighting Circuit Verification, Honolulu, Hawaii. Reviewed existing as-built conditions to verify the electrical distribution of the airports airfield lighting circuits, including preparation of updated electrical drawings.

# ARCHITECT-ENGINEER QUALIFICATIONS

## H. ADDITIONAL INFORMATION

30. PROVIDE ANY ADDITIONAL INFORMATION REQUESTED BY THE AGENCY. (Attach additional sheets as needed.)

- State of Hawaii, Department of Transportation, Daniel K. Inouye International Airport Lighting Detection & Warning System. Prepared conceptual design and performance specifications for a lighting detection and warning system, including Owner-Rep Services during construction.
- 2153 North King Street Commercial Building Energy Efficiency Upgrades. Conducted a comprehensive energy audit to identify and implement viable cost-effective measures. Project results included LED lighting retrofit of building's interior and exterior lighting and lighting controls, including providing overall Project Management, Construction Management, commissioning, measurement and verification of system savings and performance.

### Client References

Kroc Center Hawaii  
Mr. Rick Ahn  
Center Director  
(808) 693-8306

G70  
Mr. Paul Matsuda, PE, LEED AP  
Principal  
(808) 441-2127

Punahou School  
Mr. Sunny Donenfeld  
Vice President, Treasurer  
(808) 944-5739

Randolph Murayama & Associates  
Mr. Randolph Murayama, PE  
Project Manager  
(808) 529-8185

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

*For additional information, please refer to APPENDIX: Company Brochure.*

## I. Authorized Representative

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

June 26, 2024

33. NAME AND TITLE

Kevin Chock, LEED AP, President

# ARCHITECT-ENGINEER QUALIFICATIONS

<b>ARCHITECT-ENGINEER QUALIFICATIONS</b>	1. SOLICITATION NUMBER (if any) N/A
--	--

<b>PART II - GENERAL QUALIFICATIONS</b> <i>(If a firm has branch offices, complete for each specific branch office seeking work.)</i>
--

2a. FIRM (OR BRANCH OFFICE) NAME RHA Energy Partners LLC			3. YEAR ESTABLISHED 2015	4. UNIQUE ENTITY IDENTIFIER 47-3221599
2b. STREET 2153 N. King Street, Suite 201			5. OWNERSHIP a. TYPE Limited Liability Company (LLC)	
2c. CITY Honolulu	2d. STATE Hawaii	2e. ZIP CODE 96819	b. SMALL BUSINESS STATUS Self-Certified Small Business	
6a. POINT OF CONTACT NAME AND TITLE Kevin Chock, President			7. NAME OF FIRM (If Block 2a is a Branch Office) N/A	
6b. TELEPHONE NUMBER 808-941-0577	6c. EMAIL ADDRESS info@rhaenergy.com		8b. YR. ESTABLISHED N/A	
8a. FORMER FIRM NAME(S) (If any) N/A			8c. DUNS NUMBER N/A	

9. EMPLOYEES BY DISCIPLINE				10. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST 5 YEARS		
a. Function Code	b. Discipline	c. No. of Employees		a. Profile Code	b. Experience	c. Revenue Index Number (see below)
		(1) Firm	(2) Branch			
21	Electrical Engineer	2		E02	Educational Facilities; Classrooms	6
42	Mechanical Engineer	1		E03	Electrical Studies & Design	3
	Energy Engineer	3		E07	Energy Conservation New Energy Sources	1
				E14	Energy Conversation Retrofit Design	1
				H09	Hospital and Medical Facilities	2
	Other Employees					
	<b>Total</b>	6				

1. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS <i>(Insert revenue index number shown at right)</i>		PROFESSIONAL SERVICES REVENUE INDEX NUMBER	
a. Federal Work	0	1. Less than \$100,000	6. \$2 million to less than \$5 million
b. Non-Federal Work	6	2. \$100,00 to less than \$250,000	7. \$5 million to less than \$10 million
c. Total Work	6	3. \$250,000 to less than \$500,000	8. \$10 million to less than \$25 million
		4. \$500,000 to less than \$1 million	9. \$25 million to less than \$50 million
		5. \$1 million to less than \$2 million	10. \$50 million or greater

<b>12. AUTHORIZED REPRESENTATIVE</b> The foregoing is a statement of facts.	
--	--

a. SIGNATURE 	b. DATE June 26, 2024
c. NAME AND TITLE Kevin Chock, LEED AP, President	






## Licenses

RONALD N S HO  
1914 PIIMAUNA PL  
HONOLULU, HI 96821

PROFESSIONAL ENGINEER

**NOTICE** THIS POCKET ID CARD IDENTIFIES YOU TO THE PUBLIC AS BEING CURRENTLY LICENSED AND SHOULD BE KEPT IN YOUR POSSESSION AT ALL TIMES.

License Number PE-3737	Expiration date 4/30/2026		CLASSES (ACTIVE): EE Electrical ME Mechanical
STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS			
PROFESSIONAL ENGINEER			
CLASS(ES): EE ELECTRICAL ME MECHANICAL			
RONALD N S HO 1914 PIIMAUNA PL HONOLULU, HI 96821			
			
SIGNATURE OF LICENSEE			

License Number  
PE-8626

Expiration date  
4/30/2026



STATE OF HAWAII DEPARTMENT OF COMMERCE AND CONSUMER AFFAIRS

PROFESSIONAL ENGINEER

CLASS(ES): EE ELECTRICAL

MELVIN SHIZUO OYADOMARI  
1435 OILI LOOP  
HONOLULU, HI 96816



*Melvin Shizuo Oyadomari*

SIGNATURE OF LICENSEE



**APPENDIX:**  
**Company Brochure**



**RHA**  
ENERGY PARTNERS LLC

PROVIDING  
**COMPREHENSIVE**  
**ENERGY SOLUTIONS**

---

**RHAENERGY.COM**

(808) 941-0577 | 2153 N. King Street, Suite 201 Honolulu, HI 96819

# ABOUT US

RHA Energy Partners, as a Hawaii-based energy services provider, partners with our clients to identify and implement energy solutions that positively impact our clients, our community, and our 'āina.



## What we do

RHA Energy Partners provides clients with turnkey energy services that help improve their overall business and bottom line.



## Products and Services

### Traditional Energy Efficiency Measures

- Lighting, HVAC, Building Controls
- 

### On-Site Renewable Energy Opportunities

- Solar, Wind, Other Renewable Sources

### Progressive and Innovative Solutions

- Energy Storage, Microgrid, Automated Demand Response



“RHA Energy Partners have demonstrated an understanding of and supported our core mission of student education. This was achieved by providing and enhancing student-centric learning opportunities through integrating STEM-based applications of their projects in support of our students, faculty and school community.”

**Gerald Teramae**  
Head of School  
Island Pacific Academy

**We work collaboratively with our clients to identify, design and implement comprehensive energy-saving turnkey solutions.**

We provide a range of energy consulting and planning services, engineering design, general contracting, project financing, and project construction management services. Our full turn-key services result in a seamless project implementation, saving our clients' time and resources.



# MARKETS SERVED

- Office & Commercial Real Estate
- Healthcare & Medical Facilities
- Hospitality & Leisure
- K-12 Education
- Higher Education
- Residential/Condominiums
- Banking & Financial Sector
- Federal Government
- State & County Government

**“With a Team of dedicated professionals, all of whom work and live in Hawaii, we apply our technical expertise towards engineered energy solutions that not only improve our Client’s business, but that also positively impacts the very communities and environment in which we are intimately part of.”**

RHA Energy Partners’ capabilities and expertise in energy services and solutions provide our clients with more focused, comprehensive turnkey energy services that include engineering design, project financing support, project and

construction management, and general contracting construction services. In doing so, we are able to provide meaningful solutions more efficiently and effectively for our Clients, across a wider platform of technologies, in a more timely and seamless manner.

# OUR COMMUNITY IMPACT

## Energy Improvement Program for The Salvation Army Ray & Joan Kroc Corps Community Center Ewa Beach, Oahu, Hawaii

---



RHA Energy Partners provided the Center with a turnkey energy savings solution, from concept through implementation, consisting of:

- Facility-wide LED lighting upgrades
- 450 kW rooftop solar photovoltaic installation
- Cumulative savings of over \$4 million over the next 20 years



## Punahou School Strategic Energy Master Plan Honolulu, Oahu, Hawaii

---



RHA developed a strategic energy master plan to help Punahou School better understand its overall campus-wide energy use, determine its maximum on-site renewable energy generation and net-zero energy potential, and develop a roadmap to implement those opportunities that were identified as both technically and financially feasible. RHA also provided:

- Professional engineering design services for the design of campus-wide LED lighting retrofits
- Campus-wide building submetering and energy monitoring platform
- Various building HVAC retrofits
- Professional services included preparation of bid documents and overseeing competitive contractor bids and procurement



# OUR PROJECTS



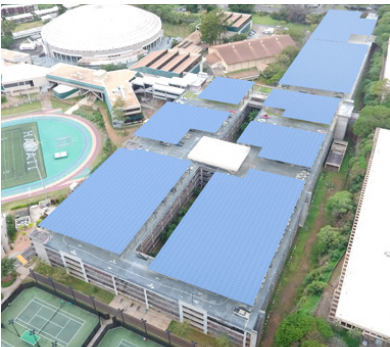
## **State of Hawaii, Department of Education (HIDOE) Kihei High School 100% Net-Zero Energy PV+BES Design** Kihei, Maui, Hawaii

---

Maui's Kihei High School is currently in design and construction and is slated to become HIDOE's first net-zero school and HIDOE Maui's first Hawaii-Collaborative for High Performance Schools (HI-CHPS) project.

RHA provided:

- Engineering services for the technical and financial evaluation of viable on-site solar PV and BES systems.
- Services included preliminary design and modelling of renewable energy system production, and detailed financial evaluation of various project financing mechanisms.



## **The University of Hawaii at Manoa (UHM) PV Power Plant Master Plan** Honolulu, Oahu, Hawaii

---

RHA provided the following services for UHM's 300 acre flagship campus:

- Technical design and planning for campus-wide Solar PV and BES systems.
- Conceptual design and modelling of over 200 individual PV systems and totaling more than 57 MW of PV systems.
- Work included detailed coordination and evaluation for PV integration onto the campus' 12 kV primary electrical distribution grid.



## **State of Hawaii, Department of Hawaiian Homelands (DHHL), Molokai Water Systems Net-Zero Energy, Resiliency & Reliability Feasibility Study** Hoolehua, Molokai, Hawaii

---




For the well site to achieve a 100% net-zero energy, RHA provided:

- Technical and financial evaluation.
- Cost-saving and technical feasibility study.
- Conceptual design for an on-site solar PV and battery energy storage system.
- Evaluation of various procurement and project financing mechanisms to achieve maximum cost-savings to DHHL.



## Get In Touch

---

-  (808) 941-0577
-  [rhaenergy.com](http://rhaenergy.com)
-  2153 N. King Street, Suite  
201 Honolulu, HI 96819

