



County of Hawaii Professional Services During the Fiscal Year 2023 – 2024, Beginning July 1, 2023

June 30, 2023

Department of Housing and Community Development OH.2) General Engineering (Project Manager)

Submitted by:

2153 North King Street, Suite 201

Honolulu, Hawaii 96819

Tel (808) 941-0577 | Fax (808) 945-2646

postmaster@rnsha.com



Ronald N.S. Ho & Associates, Inc.
ELECTRICAL ENGINEERING



June 30, 2023

Housing and Community Development
County of Hawaii
1990 Kino'ole Street, Suite 102
Hilo, HI 96720
Attention: Ms. Susan Kunz, Administrator

Subject: Professional Services During the Fiscal Year 2023 –2024

Dear Ms. Kunz,

Ronald N.S. Ho & Associates, Inc. would like to be considered to provide professional engineering services for the following category.

OH.2) General Engineering (Project Manager)*

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 ssugai@rnsha.com or by telephone at (808) 941-0577.

Sincerely,

Sean K. Sugai, PE
President

SKS/jc
Enclosure



Federal 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 2023 - 2024

Housing and Community Development: OH.2) General Engineering (Project Manager)

2. PUBLIC NOTICE DATE

June 1, 2023

3. SOLICITATION OR PROJECT NUMBER

N/A

B. ARCHITECT-ENGINEER POINT OF CONTACT

4. NAME AND TITLE

Sean K. Sugai, PE, President

5. NAME OF FIRM

Ronald N.S. Ho & Associates, Inc.

6. TELEPHONE NUMBER

808-941-0577

7. FAX NUMBER

808-945-2646

8. EMAIL ADDRESS

ssugai@rnsha.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			
a.	☒	☐	☐	Ronald N.S. Ho & Associates, Inc. ☐ CHECK IF BRANCH OFFICE	2153 N. King Street, Suite 201 Honolulu, Hawaii 96819	General Engineering (Project Management)
b.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
c.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
d.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
e.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		
f.	☐	☐	☐	☐ CHECK IF BRANCH OFFICE		

D. ORGANIZATIONAL CHART OF PROPOSED TEAM

☐ *(Attached)*



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS SERVICE CATEGORY

(Complete one Section E for each key person.)

12. NAME Steven H. Sakai, PE	13. ROLE IN SERVICE CATEGORY Principal	14. YEARS EXPERIENCE	
		a. TOTAL 39	b. WITH CURRENT FIRM 38
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Hawaii 1992, Electrical License No. 7637	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers and Building Industry Consulting Services, International, Inc.			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) Keaau-Pahoa Road Intersection Improvements Pahoa, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided electrical engineering design for the disconnect and removal of over-head electrical and lighting; new roadway lighting, new electrical metering and distribution, signage, adjust-ment/relocation of utilities. COST: \$5 million			
b.	(1) TITLE AND LOCATION (City and State) Honolulu Rail Transit Project – City Center Utility Relocation Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA is designing electrical and communication duct systems including plan and pro-file for underground relocations required to clear the guideway right-of-way and support column locations. De-signing modifications to existing lighting and traffic signal systems along guideway route. COST: \$2,2 billion			
c.	(1) TITLE AND LOCATION (City and State) DRH Farrington Highway Widening Kapolei, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (If applicable) Ongoing
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA currently provides electrical design coordination services for two separate de-sign packages along Farrington Highway. Package #1-Kapolei Golf Course Access Road to Kaloi Gulch and Pack-age #2 -Kaloi Gulch to Fort Weaver Road. Design services include street lighting, highway lighting, traffic signal duct systems, signalization and traffic signal communications, CCTV camera, hub installation, and the reloca-tion of overhead joint utility pole line and underground utility facilities within the existing right-of-way. Ser-vices include assistance with approval processing and coordination. COST: \$35 million			
d.	(1) TITLE AND LOCATION (City and State) County of Kauai, Department of Public Works, Building Division Lihue Town Core Mobility and Revitalization Project, Federal-Aid Project No. TGR-0700 Lihue, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2020
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided design, permitting, and construction services required to improve ve-hicular, pedestrian, public transit, and bicycle circulation throughout Lihue’s town core, including Eiwa Street, Rice Street, Kalena Street, Hoala Street, Hoolako Street, Puaole Street, Malae Street, and Umi Street. Work consists of, but is not limited to, reconstruction and widening of traffic lanes; construction of turning lanes, sidewalks, bike lanes, bus bays, curb ramps and curb extensions; reconfiguration of parking and pedestrian ac-cess; drainage improvements; utility adjustments; signing and striping; intersection improvements, including traffic signal relocation; traffic control, and permit compliance. COST: \$14 million			
e.	(1) TITLE AND LOCATION (City and State) BYUH Student Housing 1B & C Laie, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (If applicable) 2019
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided electrical demolition design for the complete gutting of Hales 3/5 and Hale 4, and the demolition of the electrical installations within the affected parking lots and tennis courts. Also provided separate sets of construction documents for Phases 1B and 1C. Phases 1B and 1C are to include the complete renovations of the first and second floors and the addition of a third floor on Hales 3/5, Hale 4, and a new three story building for Hale 6. and provided electrical design to extend electrical services (power, data, and CATV) to Hales 3/5 and Hales 4/6 and provided site lighting in the affected parking lots. COST: N/A			



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Dennis Toba, PE, LEED AP	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE a. TOTAL 33 b. WITH CURRENT FIRM 25	
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #10569	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) LEED AP, 2006; Illuminating Engineering Society (IES), 2012; Training: Electrical Safety NFPA 70E W/Arc Flash Protection, 2011			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
E Komo Mai Apartments Hilo, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2020
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided design to replace light fixtures over the showers, and design to comply with the Building Code Compliance. COST: N/A		
Kamehameha Schools Hawaii Keaau Electrical Power Assessment Keaau, Hawaii	PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) N/A
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA assessed the electrical distribution of the entire campus which included a primary high voltage service from the Hawaii Electric Light Company (HELCO), primary distribution transformers, secondary services to each building and power distribution within each building. The assessment identified the lack of lightning protection for the critical main switchgear building, obsolete and damaged surge protection devices, and provided recommendations and cost estimates to repair and upgrade the lightning and surge protection systems. COST: N/A		
Puuwai Momi, Electrical System Repairs, HPHA Honolulu, Hawaii	PROFESSIONAL SERVICES 2016	CONSTRUCTION (if applicable) 2016
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided electrical engineering services, as well as coordinated architectural, site survey work, and environmental engineering design services. The design services included all investigation, site survey work and architectural, mechanical, electrical and environmental engineering work in connection with the design and preparation of plans, specifications, construction cost estimates and permits to replace the entire electrical primary and secondary distribution system at Puuwai Momi. COST: \$5.57 million		
Street Light Metering Cabinet & Transformer Replacement Honolulu, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Principal. SCOPE: RNSHA provided services to investigate and determine existing conditions of lighting meter cabinets in multiple locations. Design included replacement of existing lighting meters and cabinets for each location; determining flood zone and district design requirements converting existing city owned transformers to HECO transformers, and processing utility easements. COST: \$2,100,000		



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Billy J. Ornellas, PE	13. ROLE IN THIS CONTRACT Principal	14. YEARS EXPERIENCE	
		a. TOTAL 22	b. WITH CURRENT FIRM 22
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #11658	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Training: Electrical Safety NFPA 70E W/Arc Flash Protection			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Ellison Onizuka Kona International Airport at Keahole Federal Inspection Services (FIS) Building Keahole, Hawaii	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2021
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided the electrical engineering design for the FIS Building, a 32,700 square-foot building entry point. The design included utility electrical and telecom services, interior electrical distribution systems, fire alarm fire alarm system, lighting and lighting control systems; modification of the taxiway lighting at Ramp A, and Ramp B; and the relocation of the guard shack. Services include permit submittal drawings and coordination, construction documents, services during bidding and construction. The project is designed for LEED certifications. COST: \$58.7 million		
County of Hawaii Hai Hai Fire Station South Hilo, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2020
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering design for new electrical, telecommunications, and lighting distribution systems, fire alarm system, and PA system. Design services included CATV, and PV System. COST: \$7.5 million		
County of Hawaii Parks Electrical and Lighting Improvements – Hualani, Kailua, and Shipman Parks Improvement Island of Hawaii	PROFESSIONAL SERVICES 2015	CONSTRUCTION (if applicable) 2018
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical design for the replacement of existing ballfield and playcourt lighting systems. Services included new lighting systems, lighting control systems, structural foundations, and playcourt surfaces. COST: \$4.4 million		
Hale Poai Building Improvements Honolulu, Hawaii	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2017
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided design for the replacement of hot water system, exhaust fans, and fire alarm system for the Hale Poai Building. COST: \$475,000 (electrical)		



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS SERVICE CATEGORY

(Complete one Section E for each key person.)

12. NAME George Takase, PE	13. ROLE IN SERVICE CATEGORY Associate Principal	14. YEARS EXPERIENCE <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">a. TOTAL</td> <td style="width: 50%; border: none;">b. WITH CURRENT FIRM</td> </tr> <tr> <td style="text-align: center; border: none;">19</td> <td style="text-align: center; border: none;">19</td> </tr> </table>		a. TOTAL	b. WITH CURRENT FIRM	19	19
a. TOTAL	b. WITH CURRENT FIRM						
19	19						
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii							
16. EDUCATION (DEGREE AND SPECIALIZATION) Bachelor of Science in Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) Hawaii 2009, Electrical License No. 13741					
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Institute of Transportation Engineers and Building Industry Consulting Service International, Inc.; Training: Electrical Safety NFPA 70E W/Arc Flash Protection							

19. RELEVANT PROJECTS							
a.	(1) TITLE AND LOCATION (City and State) Lanihau Landscape Meters Kailua-Kona, Hawaii	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; border: none;">Ongoing</td> <td style="text-align: center; border: none;">Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	Ongoing	Ongoing
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
	Ongoing	Ongoing					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA is providing electrical engineering design for the installation of four HELCO meter pedestals for irrigation control and landscape lighting. Meter pedestals located on Kimo Drive and Kaula'ili street, adjacent to Queen Ka'ahumanu Highway. COST: N/A							
b.	(1) TITLE AND LOCATION (City and State) DHHL La'i'Opua Village 4 HEMA Subdivision Kailua-Kona, Hawaii	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; border: none;">2016</td> <td style="text-align: center; border: none;">N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2016	N/A
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
	2016	N/A					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided design for the complete underground electrical and communication (SIC) utility duct system and street lighting for the Hema subdivision. HEMA is a continuation for the 1st phase of Village 4 (Akau). COST: \$2.3 Million							
c.	(1) TITLE AND LOCATION (City and State) Kaiaulu O Waikoloa Waikoloa, Hawaii	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; border: none;">2020</td> <td style="text-align: center; border: none;">2022</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2020	2022
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
	2020	2022					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering design services for site infrastructure and interior design for a new 60 unit low rise affordable rental subdivision. Coordinated design with Hawaii Electric Light Company, Hawaiian Telcom, Spectrum and County of Hawaii. COST: \$24 million							
d.	(1) TITLE AND LOCATION (City and State) Kaiwahine Village Kihei, (Maui) Hawaii	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; border: none;">2019</td> <td style="text-align: center; border: none;">2020</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2019	2020
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
	2019	2020					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering design services for site infrastructure and interior design for a new 120 unit low rise affordable rental subdivision. Coordinated design with Maui Electric, Hawaiian Telcom, Spectrum and Department of Public Works (Maui). COST: \$24 million							
e.	(1) TITLE AND LOCATION (City and State) Kapolei Village 6 Tax Credit Building (Maluohai) Kapolei, Hawaii	(2) YEAR COMPLETED <table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;">PROFESSIONAL SERVICES</td> <td style="width: 50%; border: none;">CONSTRUCTION (If applicable)</td> </tr> <tr> <td style="text-align: center; border: none;">2013</td> <td style="text-align: center; border: none;">2015</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)	2013	2015
	PROFESSIONAL SERVICES	CONSTRUCTION (If applicable)					
	2013	2015					
(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided design services for site infrastructure and interior design of a new 4-story 72 unit affordable housing apartment building. Coordinated design with Hawaiian Electric Company, Hawaiian Telcom, Spectrum and the City and County of Honolulu. COST: \$5 million							



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Jenson J. Santos, PE, CCM	13. ROLE IN THIS CONTRACT Project Manager /Construction Manager	14. YEARS EXPERIENCE a. TOTAL 17 b. WITH CURRENT FIRM 15	
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #14286	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Construction Manager Certification: Hawaii Chapter #179495, Construction Management Association of America Training: Electrical Safety NFPA 70E W/Arc Flash Protection, 2011; Construction Quality Management Training (USACE/NAVFAC); Safety & Health Training for Small Business			
19. RELEVANT PROJECTS			
a.	(1) TITLE AND LOCATION (City and State) University of Hawaii at Manoa 12kV Lead Cable Replacement Honolulu, Hawaii	(2) YEAR COMPLETED PROFESSIONAL SERVICES Ongoing CONSTRUCTION (if applicable) Ongoing	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Construction Inspector. SCOPE: RNSHA is providing construction services and inspection to replace the existing lead containing medium voltage cables with new 15kV EPR cables. COST: N/A		
b.	(1) TITLE AND LOCATION (City and State) University of Hawaii at Manoa Sports Complex Lighting Retrofit Honolulu, Hawaii	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION (if applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Construction Inspector. SCOPE: RNSHA provided construction services and inspections of the new sports lighting that they installed at UHM Sports Complex, which included the Les Murakami Baseball Stadium, Clarence T.C. Ching field, Rainbow Wahine Softball Field, Duke Kahanamoku Aquatic Complex, and the Beach Volleyball Court. COST: N/A		
c.	(1) TITLE AND LOCATION (City and State) Waiawa Correctional Facility Domestic Water System Improvements Waipahu, Hawaii	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2021 CONSTRUCTION (if applicable) 2021	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Construction Inspector. SCOPE: RNSHA provided electrical construction management and inspections of the new electrical system and equipment provided in the new water treatment plant. COST: N/A		
d.	(1) TITLE AND LOCATION (City and State) Oahu Community Correctional Center Emergency Generator Replacement Honolulu, Hawaii	(2) YEAR COMPLETED PROFESSIONAL SERVICES 2018 CONSTRUCTION (if applicable) 2022	
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Construction Inspector. SCOPE: RNSHA provided electrical construction management and inspections of the new emergency generators, emergency distribution system, and associated equipment for the entire facility. COST: \$3.5 Million		



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Scott Shiraishi, PE, LEED AP BD+C	13. ROLE IN THIS CONTRACT Project Manager	14. YEARS EXPERIENCE a. TOTAL 17 b. WITH CURRENT FIRM 12	
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #14753	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certification: LEED AP BD+C, 2011			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State) Complete Street Lighting Studies Honolulu, Hawaii	(2) YEAR COMPLETED <table style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES Ongoing</td> <td style="width: 50%;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) N/A			
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA is providing electrical engineering services performing illumination calculations for the City streets included in the Complete Street Rehabilitation Study. Services include recommendations for proposed street lighting to enhance illumination levels in crosswalks and intersections that are deemed deficient based on the illumination calculations. COST: N/A				
(1) TITLE AND LOCATION (City and State) HDOT Ala Aolani Street Crosswalk Illumination Assessment Honolulu, Hawaii	(2) YEAR COMPLETED <table style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) N/A			
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering services performing night time illumination assessment for the crosswalks at the intersection of Ala Aolani Street and Ala Napunani Street. Services included recommendations for proposed street lighting to enhance illumination levels in crosswalks that are deemed deficient based on the night time assessment and electrical cost estimate. COST: N/A				
(1) TITLE AND LOCATION (City and State) HDOT Whitmore Avenue Crosswalk Illumination Assessment Wahiawa, Hawaii	(2) YEAR COMPLETED <table style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%;">CONSTRUCTION (if applicable) N/A</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) N/A
PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) N/A			
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering services performing night time illumination assessment for the crosswalks at several intersections along Whitmore Avenue. Services included recommendations for proposed street lighting to enhance illumination levels in crosswalks that are deemed deficient based on the night time assessment and electrical engineer's cost estimate. COST: \$N/A				
(1) TITLE AND LOCATION (City and State) Auahi Promenade Phase 1 Honolulu, Hawaii	(2) YEAR COMPLETED <table style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2021</td> <td style="width: 50%;">CONSTRUCTION (if applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) Ongoing
PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) Ongoing			
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA provided electrical engineering to design underground duct systems within Piikoi Street from Hopaka Street to just short of Ala Moana Boulevard to allow for the existing overhead electric and communications lines to be undergrounded. Services include coordinating with, solicit relocation proposals from and obtain approval of HECO, HECO, and Spectrum for overhead to underground relocation. COST: \$245,000				
(1) TITLE AND LOCATION (City and State) Salt Lake Boulevard Widening, Phase 3 Honolulu, Hawaii	(2) YEAR COMPLETED <table style="width: 100%;"> <tr> <td style="width: 50%;">PROFESSIONAL SERVICES 2020</td> <td style="width: 50%;">CONSTRUCTION (if applicable) Ongoing</td> </tr> </table>		PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing
PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing			
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Project Manager. SCOPE: RNSHA is providing electrical design for overhead utility relocation of the electric and telecommunication lines along Salt Lake Blvd. from Ala Lilikoi Street to Maluna Street. The electrical design also includes an underground street light system, traffic signal interconnect duct system, and relocation of underground AT&T infrastructure impacted by the project. Provide assistance to complete the requirements of the plans, specifications and estimate checklist required to allow for obligation of Federal Highway Administration funding. COST: \$4 million				



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Andrew Izawa, PE	13. ROLE IN THIS CONTRACT Associate Project Manager	14. YEARS EXPERIENCE	
		a. TOTAL 6	b. WITH CURRENT FIRM 3
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., 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 #19341	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Electrical Safety 70E W/ Arc Flash Protection			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State) Elliot Street Wastewater Pump Station – Fuel System Replacement Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2022
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA currently provides electrical engineering design for temporary generator, fuel pump, and SCADA connections for the installation of a new above-grade diesel storage tank; specifications and cost estimate. Services include assistance with plan approvals and during construction. COST: \$35,000 (Electrical)		
	(1) TITLE AND LOCATION (City and State) University of Hawaii West Oahu Campus Innovative Space Renovation Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) Ongoing
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA currently provides electrical engineering design for a new under-carpet electrical distribution system in Classroom D254 for 6 new tables; quadruplex receptacles; ceiling mounted wireless access point; monitors; demolition of existing audio/visual cabinet; specifications and cost estimate. Services include acquiring approvals for plan and permit, and assistance during construction. COST: \$71,000		
	(1) TITLE AND LOCATION (City and State) Hawaii Public Housing Authority Redevelopment School Street Phase 1A Residential Building Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES Ongoing	CONSTRUCTION (if applicable) Ongoing
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA currently provides electrical engineering design for extension of the existing electrical and telecommunications utility services from across School Street to the project site. Design services include electrical, telecommunications, and fire alarm infrastructure within the project site; new 250 unit, 17-story residential building. COST: \$110 Million		
	(1) TITLE AND LOCATION (City and State) University of Hawaii at Manoa HVAC Control System Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) Ongoing
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical engineering design to provide 120V power to new mechanical control devices, telecommunications connections to the new temperature controls. Services include construction documents and assistance during construction. COST: \$45,000 (Electrical)		



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	
Scott Lee, PE, LEED AP	Senior Electrical Engineer	a. TOTAL 32	b. WITH CURRENT FIRM 32
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #10038	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Certification: LEED AP, 2009; Training: Electrical Safety 70E W/ Arc Flash Protection			

19. RELEVANT PROJECTS

a.	(1) TITLE AND LOCATION (City and State) Keaau-Pahoa Road Intersection Improvements Pahoa, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical engineering design for the disconnect and removal of overhead electrical and lighting; new roadway lighting, new electrical metering and distribution, signage, adjustment/relocation of utilities. COST: \$5 million		
b.	(1) TITLE AND LOCATION (City and State) BYUH Student Housing 1B & C Laie, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2019	CONSTRUCTION (if applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical demolition design for the complete gutting of Hales 3/5 and Hale 4, and the demolition of the electrical installations within the affected parking lots and tennis courts. Also provided separate sets of construction documents for Phases 1B and 1C. Phases 1B and 1C are to include the complete renovations of the first and second floors and the addition of a third floor on Hales 3/5, Hale 4, and a new three story building for Hale 6. and provided electrical design to extend electrical services (power, data, and CATV) to Hales 3/5 and Hales 4/6 and provided site lighting in the affected parking lots. COST: N/A		
c.	(1) TITLE AND LOCATION (City and State) Hauiki Homes Electrical Distribution System Upgrade Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2011	CONSTRUCTION (if applicable) N/A
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical engineering design services to replace the existing primary metering system with a Hawaiian Electric Company (HECO) secondary metering system at Hauiki Homes. The project involves 46 units (20 two-bedroom unit, 16 three-bedroom units, 10 four-bedroom units, and a community center building). There are 23 residential structures and one community center building. Construction of this project was cancelled, 100% of the design was completed. COST: N/A		
d.	(1) TITLE AND LOCATION (City and State) Frank Fasi Municipal Building – Basement to 16th Floor Radio Room Electrical Feeder Upgrade Project No. VI-03-16-C Honolulu, Hawaii	(2) YEAR COMPLETED	
		PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) 2019
	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical design for 24 strand fiber optic cable from each floor's IDF to Main Building Equipment Rack located in basement. Provide conduit pathways and junction boxes for cameras on first floor roof. Provided electrical design for new feeder in existing conduit from the switchboard in the basement electrical room to new panelboard on the 16th floor to accommodate future DIT equipment and to reconnect all existing circuits in the Radio Room. COST: \$369,400		



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ryan Karamatsu, PE, LEED AP	13. ROLE IN THIS CONTRACT Senior Electrical Engineer	14. YEARS EXPERIENCE a. TOTAL 18 b. WITH CURRENT FIRM 18	
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #13987	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) U.S. Green Building Council, LEED AP Certification, 2009; Training: Electrical Safety 70E W/ Arc Flash Protection			

19. RELEVANT PROJECTS

	(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
	Department of Transportation Services Pearlridge Transit Plaza and Bus Charging Honolulu, Hawaii	PROFESSIONAL SERVICES 2022	CONSTRUCTION (if applicable) Ongoing
a.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA is providing electrical engineering design services for a new bus charging system at the Pearlridge Transit Plaza. The design includes demolition and relocation of existing parking area light poles, electrical and telecommunication infrastructure, area lighting, comfort station power, signal and lighting. Services include coordination with HECO, Hawaiian Telcom, construction bid documents and assist with bid and RFI's during construction. COST: \$14.5 Million		
	City and County of Honolulu EV Chargers at Various Locations Honolulu, Hawaii	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) 2022
b.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA is providing electrical engineering design to provide electric vehicle (EV) charging systems at various City sites (Civic Center Parking Garage, Honolulu Fire Department Headquarters, Kapalama Hale, Wahiawa Police Station) and construction documents. Services include assistance during bidding and construction. COST: \$260,000		
	Middle Street Oahu Transit Services (OTS) LowNo EV Bus Chargers at Ready Line Honolulu, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) 2021
c.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical engineering design services to provide twenty five bus fast charging stations at the existing Ready Line bus queuing area. The design included a new dedicated HECO service, and grounding plan, and lighting system for Ready Line site, power and communication to each charger. Service included coordinating reviews and permits with the State Disability and Communication Access Board (DCAB), the City and County of Honolulu Department of Design and Construction, the City and County Department of Planning and Permitting; and during bidding and construction. COST: \$3,277,700		
	Daniel K. Inouye International Airport One-Line Diagram Verification and Additional Vaults Honolulu, Hawaii	PROFESSIONAL SERVICES 2017	CONSTRUCTION (if applicable) N/A
d.	(3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: : RNSHA provided design services to verify electrical distribution system at the Daniel K. Inouye International Airport. Verification to include all airport distribution equipment and feeders. COST: \$205,000		



ARCHITECT-ENGINEER QUALIFICATIONS

E. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT

(Complete one Section E for each key person.)

12. NAME Ross Yamaguchi, PE	13. ROLE IN THIS CONTRACT Electrical Engineer	14. YEARS EXPERIENCE	
		a. TOTAL 12	b. WITH CURRENT FIRM 12
15. FIRM NAME AND LOCATION (City and State) Ronald N.S. Ho & Associates, Inc., Honolulu, Hawaii			
16. EDUCATION (Degree and Specialization) Bachelor of Science, Electrical Engineering		17. CURRENT PROFESSIONAL REGISTRATION (State and Discipline) Hawaii, Electrical Engineer #18573	
18. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Training: Electrical Safety 70E W/ Arc Flash Protection			

19. RELEVANT PROJECTS

(1) TITLE AND LOCATION (City and State)	(2) YEAR COMPLETED	
Alii Place Chilled Water Plant Replacement Honolulu, Hawaii	PROFESSIONAL SERVICES 2021	CONSTRUCTION (if applicable) Ongoing
a. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided engineering design services for the demolition of the existing and installation of a new chiller plant. Services include construction documents and assistance during construction. COST: N/A		
HIARNG Army Aviation Support Facility Kalaheo, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing
b. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA is providing electrical engineering design for the electrical improvements necessary to support the proposed Clear Water Rinse Rack. Design services include a new aircraft wash station, new electrical service; photovoltaic system; exterior lighting system; and interior lighting system. COST: N/A		
HNL BHS Improvement OS Terminal Ph IIT Honolulu, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing
c. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical engineering design for the replacement of the BHS (baggage handling system) at lobbies 2 and 3. The design included removal and replacement of new electrical distribution system and feeders supporting the new BHS system, relocation and removal of existing light fixtures and telecommunications wiring; new fire alarm connection. Services include providing specification, construction cost estimate, and services during bidding and construction. COST: N/A		
Ala Moana Regional Park Pond Improvements Honolulu, Hawaii	PROFESSIONAL SERVICES 2020	CONSTRUCTION (if applicable) Ongoing
d. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provides electrical design for a new lighting system for the reconfigured parking lot. COST: \$120,000		
Hauula Fire Station Hauula, Hawaii	PROFESSIONAL SERVICES 2018	CONSTRUCTION (if applicable) Ongoing
e. (3) BRIEF DESCRIPTION (Brief scope, size, cost, etc.) AND SPECIFIC ROLE ☒ Check if project performed with current firm ROLE: Electrical Engineer. SCOPE: RNSHA provided electrical design for a new fire station. Services include new electrical distribution system, telecommunications infrastructure, fire alarm system, interior and exterior lighting. COST: \$900,000		



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 *(City and State)*

Department of Hawaiian Home Lands La'I'Opua Village 4 HEMA
Subdivision
Kailua-Kona, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES 2016	CONSTRUCTION <i>(if applicable)</i> 2016
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23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Department of Hawaiian Home Lands/ Ikaika Ohana
/Urban Housing Communities

b. POINT OF CONTACT NAME

Scott Kunioka
(Akinaka & Associates, Ltd.)

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 836-1900

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

SCOPE: RNSHA provided design for the complete underground electrical and communication (SIC) utility duct system and street lighting for the HEMA subdivision. HEMA is a continuation for the 1 phase of Village 4 (Akau).

PROJECT COST: \$2.3 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



ARCHITECT-ENGINEER QUALIFICATIONS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 2	
21. TITLE AND LOCATION <i>(City and State)</i> Kaiaulu O Waikoloa Waikoloa, Hawaii		22. YEAR COMPLETED	
		PROFESSIONAL SERVICES 2020	CONSTRUCTION <i>(if applicable)</i> 2022
23. PROJECT OWNER'S INFORMATION			
a. PROJECT OWNER Urban Housing Communities	b. POINT OF CONTACT NAME Lena Tamashiro (Design Partners, Inc.)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 432-9413	

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

SCOPE: RNSHA provided electrical engineering design services for site infrastructure and interior design for a new 60 unit low rise affordable rental subdivision. Coordinated design with Hawaii Electric Light Company, Hawaiian Telcom, Spectrum and County of Hawaii.

PROJECT COST: \$24 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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 *(City and State)*

Lanikai Landscape Meters
Kailua-Kona, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES

Ongoing

CONSTRUCTION *(if applicable)*

Ongoing

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

Lanikai Properties, LLC

b. POINT OF CONTACT NAME

Scott Kunioka
(Akinaka & Associates, Ltd.)

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 836-1900

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

SCOPE: RNSHA is providing electrical engineering design for the installation of four HELCO meter pedestals for irrigation control and landscape lighting. Meter pedestals located on Kimo Drive and Kaula'ili Street, adjacent to Queen Ka'ahumanu Highway.

PROJECT COST: \$200,000

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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 *(City and State)*

County of Hawaii Parks Electrical and Lighting Improvements – Hualani,
Kailua, and Shipman Parks
Island of Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2015

CONSTRUCTION *(if applicable)*
2018

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

County of Hawaii Department of Parks and
Recreation

b. POINT OF CONTACT NAME

James Komata

c. POINT OF CONTACT TELEPHONE NUMBER

(808)961-8531

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

SCOPE: RNSHA provided electrical design for the replacement of existing ballfield and playcourt lighting systems. Services included new lighting systems, lighting control systems, structural foundations, and playcourt surfaces.

PROJECT COST: \$4.4 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineering 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
5

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

County of Hawaii Hai Hai Fire Station
Hilo, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2020

CONSTRUCTION *(if applicable)*
2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

County of Hawaii Department of Public Works

b. POINT OF CONTACT NAME

Richard Wong
(KYA Design Group)

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 973-1123

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

The project consists of the construction of a new fire station with associated apparatus bay, training / class room, dormitory, generator enclosure, fueling station, site work, driveways, parking lots, individual wastewater system, landscaping, mechanical, electrical, all necessary utilities and appurtenances in accordance with the plans and specifications.

SCOPE: RNSHA provided electrical engineering design for new electrical, telecommunications, and lighting distribution systems, fire alarm system, and PA system. Design services included CATV, and PV System.

PROJECT COST: \$7.5 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

	(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a.	Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Prime Electrical Engineer



ARCHITECT-ENGINEER QUALIFICATIONS

F. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT <i>(Present as many projects as requested by the agency, or 10 projects, if not specified. Complete one Section F for each project.)</i>		20. EXAMPLE PROJECT KEY NUMBER 6				
21. TITLE AND LOCATION <i>(City and State)</i> County of Hawaii Replace Pauahi Bridge in Hilo Hilo, Hawaii	22. YEAR COMPLETED <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center; padding: 2px;">PROFESSIONAL SERVICES</td> <td style="width: 50%; text-align: center; padding: 2px;">CONSTRUCTION <i>(if applicable)</i></td> </tr> <tr> <td style="text-align: center; padding: 2px;">2021</td> <td style="text-align: center; padding: 2px;">N/A</td> </tr> </table>		PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>	2021	N/A
PROFESSIONAL SERVICES	CONSTRUCTION <i>(if applicable)</i>					
2021	N/A					
23. PROJECT OWNER'S INFORMATION						
a. PROJECT OWNER County of Hawaii Department of Public Works	b. POINT OF CONTACT NAME Mike Hunnemann (KAI Hawaii Inc.)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 791-3980				

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

SCOPE: RNSHA provided electrical design to temporarily relocate existing electrical infrastructure within the Pauahi bridge to accommodate the bridge replacement work. Work also includes providing electrical design for a new permanent electrical infrastructure within the new bridge.

PROJECT COST: \$5 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT		
(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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 *(City and State)*

Keeau – Pahoa Road Intersection Improvements
Pahoa, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2019

CONSTRUCTION *(if applicable)*
2019

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

State of Hawaii Department of Transportation
Highways Division

b. POINT OF CONTACT NAME

Larry Tagorda

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 933-8866

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

SCOPE RNSHA provided electrical engineering design for the disconnect and removal of overhead electrical and lighting; new roadway lighting, new electrical metering and distribution, signage, adjustment/relocation of utilities.

PROJECT COST: \$5 Million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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
8

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

Kona International Airport Terminal Modernization Project Phase 1
Kalaoa, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES
2020

CONSTRUCTION *(if applicable)*
2020

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

State of Hawaii Department of Transportation
Airports Division

b. POINT OF CONTACT NAME

Kyle Wang
(KYA Design Group)

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 941-7770

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

SCOPE: RNSHA provided the design for the proposed expansion of the Kona International Airport Terminal, Phase 1, including new primary and secondary electrical service and distribution, ADA compliant fire alarm system, telephone and data systems, public address system, gate management system, baggage information display systems, flight information display systems, CCTV camera systems, apron lighting, and exterior and interior lighting systems.

PROJECT COST: \$80 Million



25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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> Oahu Community Correctional Center Emergency Generator Honolulu, Hawaii	22. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2018	CONSTRUCTION <i>(if applicable)</i> 2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER State of Hawaii Department of Public Safety	b. POINT OF CONTACT NAME Richard Louis (DAGS Central Services Division)	c. POINT OF CONTACT TELEPHONE NUMBER (808) 831-7957
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24. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT *(Include scope, size, and cost)*

SCOPE RNSHA provided electrical construction management and inspections of the new emergency generators, emergency distribution system, and associated equipment for the entire facility.

RNSHA provided electrical engineering design for the replacement of three existing diesel emergency generators. Design include new emergency generator package units complete with weatherproof enclosures, cooling system, control system, etc. Design also included fuel storage system with alarms, site work and structural pads for generators and fuel tanks.

PROJECT COST: \$3.5 million

25. FIRMS FROM SECTION C INVOLVED WITH THIS PROJECT

(1) FIRM NAME	(2) FIRM LOCATION <i>(City and State)</i>	(3) ROLE
a. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Subconsultant



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
10

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

University of Hawaii at Manoa Sports Complex Lighting Retrofit
Honolulu, Hawaii

22. YEAR COMPLETED

PROFESSIONAL SERVICES

2021

CONSTRUCTION *(if applicable)*

2022

23. PROJECT OWNER'S INFORMATION

a. PROJECT OWNER

University of Hawaii at Manoa

b. POINT OF CONTACT NAME

Bruce Teramoto

c. POINT OF CONTACT TELEPHONE NUMBER

(808) 956-4800

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

SCOPE: RNSHA provided construction services and inspections of the new sports lighting that they installed at UHM Sports Complex, which included the Les Murakami Baseball Stadium, Clarence T.C. Ching field, Rainbow Wahine Softball Field, Duke Kahanamoku Aquatic Complex, and the Beach Volleyball Court.

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. Ronald N.S. Ho & Associates, Inc.	Honolulu, Hawaii	Electrical Engineer Prime



ARCHITECT-ENGINEER QUALIFICATIONS

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
Steven Sakai, PE	Principal	☒	☒	☒				☒			
Dennis Toba, PE, LEED AP	Principal								☒	☒	
Billy J. Ornellas, PE	Principal				☒	☒					
George Takase, PE	Associate Principal	☒	☒	☒							
Jenson J. Santos, PE, CCM	Project Manager						☒			☒	☒
Scott Shiraishi, PE, LEED AP BD+C	Project Manager										
Andrew Izawa, PE	Associate Project Manager										
Scott Lee, PE, LEED AP	Senior Electrical Engineer							☒			
Ryan Karamatsu, PE, LEED AP	Senior Electrical Engineer										
Ross Yamaguchi, PE	Project Engineer										

29. EXAMPLE PROJECTS KEY

No.	Title of Example Project (from Section F)	No.	Title of Example Project (from Section F)
1.	DHHL La'I'Opua Village 4 HEMA Subdivision Kailua-Kona, Hawaii	6.	County of Hawaii Replace Pauahi Bridge in Hilo Hilo, Hawaii
2.	Kaiaulu O Waikoloa Waikoloa, Hawaii	7.	Keaau-Pahoa Road Intersection Improvements Pahoa, Hawaii
3.	Lanikai Landscape Meters Kailua-Kona, Hawaii	8.	Kona International Airport Terminal Moderniza- tion Project Phase 1 Kalaea, Hawaii
4.	County of Hawaii Hualani Shipman Parks Improvements Hawaii Island	9.	Oahu Community Correctional Center Emergency Generator Replacement Honolulu, Hawaii
5.	County of Hawaii Hai Hai Fire Station Hilo, Hawaii	10.	University of Hawaii at Manoa Sports Complex 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, principal place of business, and location of all of its offices.

Ronald N.S. Ho & Associates, Inc. (RNSHA) is located at 2153 North King Street, Suite 201, Honolulu, Hawaii 96819. Our general offices, technical library, engineering workstations, CAD stations, and plotting room occupy half of the second floor of the office building at this address.

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

RNSHA was established in 1978 and has provided electrical engineering consulting services for 45 years. Within the past five (5) years, we have maintained an annual average of 48 employees. We take pride in our personnel whose talents have been incorporated into the many projects completed during our firm's history.

3. The education, training, and qualifications of key members of the firm, its key employees in accordance with HRS 103D-304 and/or the profession and scientific occupation series contained in the United States Office of Personnel Management's Qualifications Standards Handbook.

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 name of up to five clients who may be contacted, including at least two for whom services were rendered during the preceding year.

RNSHA has provided design and construction administration services for various facilities, including roadway lighting, and primary electrical distribution systems, repair and construction of naval wharves, higher education facilities including laboratory buildings, secondary education buildings, recreation centers, office buildings, retail establishments, private residences, subdivision utility infrastructure distribution systems, and military facilities. Some of our relevant project experience includes the following:

ELECTRICAL ENGINEERING

- DHHL La'i'Opua Village 4 HEMA Subdivision. RNSHA provided design for the complete underground electrical and communication (SIC) utility duct system and street lighting for the Hema subdivision. HEMA is a continuation for the 1st phase of Village 4 (Akau).
- Kaiaulu O Waikoloa. RNSHA provided electrical engineering design services for site infrastructure and interior design for a new 60 unit low rise affordable rental subdivision. Coordinated design with Hawaii Electric Light Company, Hawaiian Telcom, Spectrum and County of Hawaii.
- E Komo Mai Apartments. RNSHA provided design to replace light fixtures over the showers, and design to comply with the Building Code Compliance.
- Kaiaulu O Kupuohi. RNSHA is providing design services for underground electrical and communications infrastructure for a 105 unit A-2 zoned, live-work development. Design includes a parking lot lighting system. Services include assisting with agency reviews, specifications, cost estimates and during construction.



ARCHITECT-ENGINEER QUALIFICATIONS

H. ADDITIONAL INFORMATION

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- Ilima at Ho'opili (Parcel 16, Ho'opili Ilima). RNSHA provided design services for the underground electrical and communications infrastructure for a 80 unit A-2 zoned, multi-family development. Design services included the parking lot lighting system specifications and construction cost estimates. Services included assistance and coordination with agency reviews, and assistance during construction.
- Kulia at Ho'opili (Parcel 10, Ho'opili). RNSHA is providing design services for the underground electrical and communications infrastructure for a 120 unit multi-family, tax-exempt development. Design services include underground electrical and telecommunications, interior electrical design work for a community center and mail/laundry out-building, and the parking lot lighting system. Services include assistance and coordination with agency reviews, and assistance during construction.
- Kohina At Ho'opili (Parcel 25, Ho'opili Kohina). RNSHA is providing design services for the underground electrical and communications infrastructure for a 141 unit A-2 zoned, live-work development. The electrical design includes the parking lot lighting system, specifications and electrical construction cost estimates. Services include assistance coordinating with agency reviews and assistance during construction.
- Kohina At Ho'opili (Parcel 20, Ho'opili Kohina). RNSHA is providing design services for the underground electrical and communications infrastructure for a 105 unit A-2 zoned, live-work development. The electrical design includes the parking lot lighting system, specifications and electrical construction cost estimates. Services include assistance coordinating with agency reviews and assistance during construction.
- Ho'opili Phase 6 Backbone Roadway. RNSHA provided electrical design services for backbone infrastructure for Phase 6 of Ho'opili subdivision. Phase 6 provided electrical infrastructure to 5 residential parcels. Coordinated design with Hawaiian Electric Company, Hawaiian Telcom, Spectrum and the City and County of Honolulu.
- Department of Hawaiian Home Lands East Kapolei Phase 1 Development. RNSHA provided design for the electric handhole and duct system and complete underground street lighting system for the 380-lot single-family residential subdivision, and electrical stubs for the following: 13-acre commercial site; 4-acre park site; and 5-acre multi-family site. The design services included coordination with SIC for their design of CATV and telephone systems.
- Ewa Villages Area H. RNSHA provided design for site electrical for approximately 192-unit multi-family subdivision and electrical design for the 192-multi-family interior electrical.
- Kapolei Village 6 Parcel 2; 2-Story Multi-Family and 4-Story Residential Building. RNSHA provided site and building design for power, telephone, cable and street lighting services for the subdivision. Site consisted of 14 2-story multi-family buildings (units) and tax credit building (Malu'ohai) (4-story in village 6 parcel 2, 72 units). Coordinated design with Hawaiian Electric Company, Hawaiian Telcom, Spectrum and the City and County of Honolulu.
- Kapolei Village 6 Tax Credit Building (Maluohai). RNSHA provided design services for site infrastructure and interior design of a new 4-story 72 unit affordable housing apartment building. Coordinated design with Hawaiian Electric Company, Hawaiian Telcom, Spectrum and the City and County of Honolulu.



ARCHITECT-ENGINEER QUALIFICATIONS

H. ADDITIONAL INFORMATION

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

- Kapolei Parkway Affordable Housing. RNSHA is providing electrical design services for site infrastructure and interior design for a new 364 unit low rise affordable housing complex. Coordinated design with Hawaiian Electric Company, Hawaiian Telcom, Spectrum and the City and County of Honolulu.
- Hale Makana O Nanakuli. RNSHA provided electrical demolition design for the complete gutting of Hales 3/5 and Hale 4, and the demolition of the electrical installations within the affected parking lots and tennis courts. Also provided separate sets of construction documents for Phases 1B and 1C. Phases 1B and 1C are to include the complete renovations of the first and second floors and the addition of a third floor on Hales 3/5, Hale 4, and a new three story building for Hale 6. and provided electrical design to extend electrical services (power, data, and CATV) to Hales 3/5 and Hales 4/6 and provided site lighting in the affected parking lots.
- Puuwai Moi, Electrical System Repairs. RNSHA provided electrical engineering services, as well as coordinated architectural, site survey work, and environmental engineering design services. The design services included all investigation, site survey work and architectural, mechanical, electrical and environmental engineering work in connection with the design and preparation of plans, specifications, construction cost estimates and permits to replace the entire electrical primary and secondary distribution system at Puuwai Momi.
- HPHA School Street Redevelopment (TMK: 1-6-009-003). Multi-phase HPHA affordable housing project involving a new high rise residential building (Phase 1A) and three-story office (Phase 1B). Scope includes complete electrical engineering design for new 250 unit, 15-story residential building and 3-story office; provide the electrical distribution system, interior/exterior lighting, telecommunications infrastructure, and the fire alarm system. Other notable features include the necessary ADA dwelling unit accommodations, emergency generator design for life safety and critical telecommunications, LEED documentation, and extension of underground utilities across School Street. The building includes an adjacent parking structure with EV charging stations and an amenity area. Temporary utilities will also be required to serve relocated buildings for continued operations of on-site maintenance staff during construction.
- Keaau-Pahoa Road Intersection Improvements. RNSHA provided electrical engineering design for the disconnect and removal of overhead electrical and lighting; new roadway lighting, new electrical metering and distribution, signage, adjustment/relocation of utilities.
- Kaiwahine Village. RNSHA provided electrical engineering design services for site infrastructure and interior design for a new 120 unit low rise affordable rental subdivision. Coordinated design with Maui Electric, Hawaiian Telcom, Spectrum and Department of Public Works (Maui).
- Waikoloa Beach Drive Extension, Phase 4. RNSHA provided design for electrical and communications duct systems for infrastructure roadways throughout Waikoloa Resort. Coordinated and implemented off-site HELCO improvements; and, designed and coordinated two sewer pump stations and an emergency generator backup system.
- County of Hawaii Replace Pauahi Bridge in Hilo. RNSHA provided electrical engineering design services for new conduits. Design included temporarily relocating existing conduits. Services included site investigation and existing record review; utility coordination; assist with coordination, permit review, and providing response to contractor RFI during construction.



ARCHITECT-ENGINEER QUALIFICATIONS

H. ADDITIONAL INFORMATION

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- Waimea District-Regional Park Ph 1 Site Design. RNSHA provided electrical engineering design for electrical and telecommunications system, exterior lighting, playcourt and park access road. The project included an EV charger.
- County of Hawaii Parks Electrical and Lighting Improvements – Hualani, Kailua, and Shipman Parks Improvement. RNSHA provided electrical design for the replacement of existing ballfield and playcourt lighting systems. Services included new lighting systems, lighting control systems, structural foundations, and playcourt surfaces.
- County of Hawaii Hai Hai Fire Station. RNSHA provided electrical engineering design for new electrical, telecommunications, and lighting distribution systems, fire alarm system, and PA system. Design services included CATV, and PV System.
- Aircraft Rescue and Firefighting (ARFF) Facility Improvements at Hilo International Airport. RNSHA provided the design for new electrical services, site lighting, interior power, signal and lighting systems, emergency generator, fire alarm, automated door controls, and radio communications. The project is designed for LEED certifications.
- Hilo Airport Fire Alarm System Replacement. RNSHA provided the design for new electrical services for site lighting, interior power, signal and lighting system, emergency generator, fire alarm, automated door controls, and radio communications. Commercial kitchen facilities were also part of this LEED Silver Project.
- Kona International Airport Terminal Modernization Project Phase 1. RNSHA provided the design for the proposed expansion of the Kona International Airport Terminal, Phase 1, including new primary and secondary electrical service and distribution, ADA compliant fire alarm system, telephone and data systems, public address system, gate management system, baggage information display systems, flight information display systems, CCTV camera systems, apron lighting, and exterior and interior lighting systems.
- Ellison Onizuka Kona International Airport at Keahole Federal Inspection Services (FIS) Building. RNSHA provided the electrical engineering design for the FIS Building, a 32,700 square-foot building entry point. The design included utility electrical and telecom services, interior electrical distribution systems, fire alarm fire alarm system, lighting and lighting control systems; modification of the taxiway lighting at Ramp A, and Ramp B; and the relocation of the guard shack. Services include permit submittal drawings and coordination, construction documents, services during bidding and construction. The project is designed for LEED certifications.
- Kona International Airport USDA Inspection Building. RNSHA provided electrical design for a new USDA Inspection Building at the Kona International Airport. The design included interior and exterior lighting system, new baggage handling equipment, ADA compliant fire alarm devices, and lightning protection system.
- Lanihau Landscape Meters. RNSHA is providing electrical engineering design for the installation of four HELCO meter pedestals for irrigation control and landscape lighting. Meter pedestals located on Kimo Drive and Kaula'ili street, adjacent to Queen Ka'ahumanu Highway.



ARCHITECT-ENGINEER QUALIFICATIONS

• H. ADDITIONAL INFORMATION

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

- Hilo Operations Baseyard Emergency Generator. RNSHA is providing an electrical design for the removal of the existing generator, and for general lighting in the surrounding area of the generator and shelter. Designs will accommodate the installation of a future PV system.
- HOVE – Witness Pump Motor Teardown. RNSHA is providing electrical engineering services to witness motor and pump inspections and coordinate with consultants and project management.
- Hualalai Deepwell Pump Motor Inspection. RNSHA is providing electrical engineering services to perform the well pump motor inspection at SME USA in Phoenix, Arizona with inspection report completed by Filtronica Inc. Services include coordinating with consultants and project management.
- Honokohau – Witness Motor Teardown. RNSHA is providing electrical engineering services to witness motor teardown inspection and coordinate with consultants and project management.
- Ha'aheo #1 Booster Station. RNSHA is providing electrical engineering services for the electrical design to replace the existing metering equipment, conduit service mast, and hardware for new HELCO overhead service.
- Keauohana Deepwell Improvements. RNSHA is providing electrical engineering design services for new power provisions to existing electrical equipment. Services include electrical specifications and cost estimate, assisting with permit processing, shop drawing review and services during construction for RFIs and change order proposals.
- Motor Teardown Inspections for HOVE & HAWI Deepwells. RNSHA is providing electrical engineering services to provide inspection of motor teardown and coordination with consultant and project management.
- Power Quality Measurements for HOVE Deepwell. RNSHA is providing electrical engineering services for power quality measurements and comprehensive report by Filtronica, Inc. Services include coordination with consultant and project management.
- Waikoloa Potable Well No. 8 & Outfitting. Providing design for electrical system for 4160V, RVSSS controlled 500 hp well pump, including medium voltage switchgear, controls and instrumentation circuits, manual transfer switch system, trailer mounted 1500 kW standby power generator, and SCADA system.
- Waikoloa Potable Well No 7 Outfitting. Providing design for electrical system for 4160V, RVSSS controlled 600 hp well pump, including medium voltage switchgear, controls and instrumentation circuits, manual transfer switch system, trailer mounted 1500 kW standby power generator, and SCADA system.
- Kilauea-Puu Pane Tank Replacement. Providing electrical engineering design for temporary and new control and instrumentation circuits from the new 1.0 MG tank to the new SCADA system including the tank level sensor circuit and tank and gate intrusion detector circuits.
- Palani Water System 935' and 595' 1.0 MG Reservoirs. Designed electrical system for 935' and 595' reservoirs to include water lead detectors, and transmitters, and connection to Kona SCADA system.



ARCHITECT-ENGINEER QUALIFICATIONS

H. ADDITIONAL INFORMATION

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

CLIENT REFERENCES

R.M. Towill Corporation
Greg Hiyakumoto, PE, LEED AP
President
(808) 842-1133

AECOM
Martin Nakasone, PE
Associate Vice President Pacific
(808) 521-3051

Okahara & Associate, Inc
Bruce Meyers, PE
President
(808) 524-1224

ParEn, Inc.
Keith Uemura, PE,
President
(808) 593-1676

Wilson Okamoto Corporation
Michael Fujita, PE
President
(808) 955-7770

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

Please refer to our APPENDIX: Company Brochure for additional information.

I. Authorized Representative

The foregoing is a statement of facts.

31. SIGNATURE



32. DATE

June 30, 2023

33. NAME AND TITLE

Sean Sugai, PE, President



ARCHITECT-ENGINEER QUALIFICATIONS

ARCHITECT-ENGINEER QUALIFICATIONS					1. SOLICITATION NUMBER (if any) N/A	
PART II - GENERAL QUALIFICATIONS						
(If a firm has branch offices, complete for each specific branch office seeking work.)						
2a. FIRM (OR BRANCH OFFICE) NAME Ronald N. S. Ho & Associates, Inc.				3. YEAR ESTABLISHED 1978		4. UNIQUE ENTITY IDENTIFIER DUNS CAGE NUMBER 091793307 ODD23
2b. STREET 2153 N. King Street, Suite 201				5. OWNERSHIP		
2c. CITY Honolulu				2d. STATE Hawaii		2e. ZIP CODE 96819
6a. POINT OF CONTACT NAME AND TITLE Sean Sugai, PE, President				a. TYPE Corporation		
6b. TELEPHONE NUMBER 808-941-0577				6c. E-MAIL ADDRESS ssugai@rnsha.com		
8a. FORMER FIRM NAME(S) (If any) N/A				8b. YR. ESTABLISHED 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	13		E03	Electrical Studies & Design	6
58	Technical/Analyst	17		R04	Recreational Facilities (Parks, Marinas, etc.)	5
08	CADD Technician	6		P12	Power Generator, Transmission, Distribution	1
02	Administrative	10		G01	Garages; Vehicles Maintenance facilities; Parking Decks	1
				H11	Housing (Residential, Multi-Family; Apartments; Condos)	4
				F02	Field Houses; Gyms; Stadiums	1
				W03	Water Supply; Treatment & Disposal	4
				S04	Sewage Collection; Treatment & Disposal	5
				H07	Highways, Streets, Airfield, Paving; Parking Lots	4
				R03	Railroad; Rapid Transit	6
	Other Employees			A06	Airports; Terminals & Hangars; Freight Handling	6
	Total	46		H01	Harbors; Jetties; Piers, Ship Terminal Facilities	1
11. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS (Insert revenue index number shown at right)				PROFESSIONAL SERVICES REVENUE INDEX NUMBER		
a. State Work		5		1. Less than \$100,000		
b. Non-State Work		8		2. \$100,000 to less than \$250,000		
c. Total Work		8		3. \$250,000 to less than \$500,000		
				4. \$500,000 to less than \$1 million		
				5. \$1 million to less than \$2 million		
				6. \$2 million to less than \$5 million		
				7. \$5 million to less than \$10 million		
				8. \$10 million to less than \$25 million		
				9. \$25 million to less than \$50 million		
				10. \$50 million or greater		
12. AUTHORIZED REPRESENTATIVE						
The foregoing is a statement of facts.						
a. SIGNATURE 				b. DATE June 30, 2023		
c. NAME AND TITLE Sean Sugai, PE, President						





Licenses

 General License

License ID

PE-9023

License Type

PROFESSIONAL ENGINEER

Legal License Name

SEAN K SUGAI

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

08/28/1996

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

--

Business Code

--

Educational Code

--

Business Address

--

Other Business/Person/DBA Names

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 Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	08/28/1996	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

THE STATE OF HAWAII MAKES NO GUARANTEES AS TO THE ACCURACY OF THE INFORMATION ACCESSED, THE TIMELINESS OF THE DELIVERY OF TRANSACTIONS, DELIVERY TO THE CORRECT PARTY, PRESERVATION OF THE PRIVACY AND SECURITY OF USERS AND MAKES NO WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE DCCA/PVL WEB SITE RECEIVES THE DCCA/PVL LICENSEE INFORMATION DIRECTLY FROM THE DCCA/PVL LICENSEE DATABASE. THE DCCA/PVL WEB SITE IS CONSIDERED A PRIMARY SOURCE FOR DCCA/PVL LICENSEE INFORMATION – IT IS THE SAME LICENSEE INFORMATION THE DCCA/PVL PROVIDES THROUGH OTHER MEANS AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE. USER IS ADVISED THAT IF THE INFORMATION OBTAINED HEREIN IS TO BE REASONABLY RELIED UPON, USER SHOULD CONFIRM THE ACCURACY OF SUCH INFORMATION WITH THE PROVIDER THEREOF.

 General License

License ID

PE-7637

License Type

PROFESSIONAL ENGINEER

Legal License Name

STEVEN H SAKAI

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

09/09/1992

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

--

Business Code

--

Educational Code

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Business Address

--

Other Business/Person/DBA Names

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Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	09/09/1992	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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 General License

License ID

PE-10569

License Type

PROFESSIONAL ENGINEER

Legal License Name

DENNIS I TOBA

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

07/16/2002

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

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Business Code

--

Educational Code

--

Business Address

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Other Business/Person/DBA Names

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Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	07/16/2002	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

THE STATE OF HAWAII MAKES NO GUARANTEES AS TO THE ACCURACY OF THE INFORMATION ACCESSED, THE TIMELINESS OF THE DELIVERY OF TRANSACTIONS, DELIVERY TO THE CORRECT PARTY, PRESERVATION OF THE PRIVACY AND SECURITY OF USERS AND MAKES NO WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE DCCA/PVL WEB SITE RECEIVES THE DCCA/PVL LICENSEE INFORMATION DIRECTLY FROM THE DCCA/PVL LICENSEE DATABASE. THE DCCA/PVL WEB SITE IS CONSIDERED A PRIMARY SOURCE FOR DCCA/PVL LICENSEE INFORMATION – IT IS THE SAME LICENSEE INFORMATION THE DCCA/PVL PROVIDES THROUGH OTHER MEANS AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE. USER IS ADVISED THAT IF THE INFORMATION OBTAINED HEREIN IS TO BE REASONABLY RELIED UPON, USER SHOULD CONFIRM THE ACCURACY OF SUCH INFORMATION WITH THE PROVIDER THEREOF.

 General License

License ID

PE-11658

License Type

PROFESSIONAL ENGINEER

Legal License Name

BILLY J ORNELLAS

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

06/15/2005

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

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Class Prefix

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Business Code

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Educational Code

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Business Address

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Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

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 [Employees List](#)

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	06/15/2005	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

THE STATE OF HAWAII MAKES NO GUARANTEES AS TO THE ACCURACY OF THE INFORMATION ACCESSED, THE TIMELINESS OF THE DELIVERY OF TRANSACTIONS, DELIVERY TO THE CORRECT PARTY, PRESERVATION OF THE PRIVACY AND SECURITY OF USERS AND MAKES NO WARRANTIES, INCLUDING WARRANTY OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE DCCA/PVL WEB SITE RECEIVES THE DCCA/PVL LICENSEE INFORMATION DIRECTLY FROM THE DCCA/PVL LICENSEE DATABASE. THE DCCA/PVL WEB SITE IS CONSIDERED A PRIMARY SOURCE FOR DCCA/PVL LICENSEE INFORMATION – IT IS THE SAME LICENSEE INFORMATION THE DCCA/PVL PROVIDES THROUGH OTHER MEANS AND IS TRUE AND CORRECT TO THE BEST OF OUR KNOWLEDGE. USER IS ADVISED THAT IF THE INFORMATION OBTAINED HEREIN IS TO BE REASONABLY RELIED UPON, USER SHOULD CONFIRM THE ACCURACY OF SUCH INFORMATION WITH THE PROVIDER THEREOF.

 General License

License ID

PE-13741

License Type

PROFESSIONAL ENGINEER

Legal License Name

GEORGE D TAKASE

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

12/29/2009

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

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Business Code

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Educational Code

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Business Address

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Other Business/Person/DBA Names

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Name	Effective Date	Termination Date
NO DATA AVAILABLE IN TABLE		

 Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	12/29/2009	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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 General License

License ID

PE-14286

License Type

PROFESSIONAL ENGINEER

Legal License Name

JENSON J SANTOS

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

01/11/2011

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

--

Conditions & Limitations

--

Class Prefix

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Business Code

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Educational Code

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Business Address

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Other Business/Person/DBA Names

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 Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	01/11/2011	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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 General License

License ID

PE-14753

License Type

PROFESSIONAL ENGINEER

Legal License Name

SCOTT N SHIRAISHI

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

12/20/2011

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Class Prefix

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Business Address

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 Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	12/20/2011	NO	CURRENT, VALID & IN GOOD STANDING

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 General License

License ID

PE-10038

License Type

PROFESSIONAL ENGINEER

Legal License Name

SCOTT S LEE

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

07/20/2000

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

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Conditions & Limitations

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Class Prefix

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Business Code

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Educational Code

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Business Address

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Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	07/20/2000	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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 General License

License ID

PE-13987

License Type

PROFESSIONAL ENGINEER

Legal License Name

RYAN S KARAMATSU

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

06/22/2010

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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 [Employees List](#)

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	06/22/2010	NO	CURRENT, VALID & IN GOOD STANDING

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 General License

License ID

PE-18573

License Type

PROFESSIONAL ENGINEER

Legal License Name

ROSS K YAMAGUCHI

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

05/24/2019

Expiration Date

04/30/2024

Restriction

--

Trade/Professional Name

--

Special Privilege

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Conditions & Limitations

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Class Prefix

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Other Business/Person/DBA Names

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 Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	05/24/2019	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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 General License

License ID

PE-19341

License Type

PROFESSIONAL ENGINEER

Legal License Name

ANDREW T TOSHIO IZAWA

Status

CURRENT, VALID & IN GOOD STANDING

Entity Type

INDIVIDUAL

Active/Inactive

ACTIVE

Original License Date

05/10/2021

Expiration Date

04/30/2024

Restriction

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Trade/Professional Name

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Special Privilege

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Conditions & Limitations

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Class Prefix

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Employees List

Employees

Employee Name	Position	Position Status	License ID	License Status	Effective Date
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 [Employers List](#)

Employers

Employer Name	Position	License ID	License Status	Effective Date
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 [Insurance/Bond](#)

Insurance/Bond

Insurance Type	Effective	Term Date	Cancel Date	Policy #	Surety	Amount
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 [License Class](#)

License Classes

Class Code	Class Type	Effective	Restricted	Status
EE ELECTRICAL	ELECTRICAL ENGINEER	06/04/2021	NO	CURRENT, VALID & IN GOOD STANDING

LICENSE INFORMATION ON THIS SITE REFLECTS INFORMATION IN THE PROFESSIONAL AND VOCATIONAL LICENSING DIVISION AS OF APRIL 4, 2022; HOWEVER, APPLICATIONS AND FORMS ARE SUBJECT TO STANDARD PROCESSING TIME, AND THE INFORMATION HERE DOES NOT REFLECT PENDING CHANGES WHICH ARE BEING REVIEWED. THE SITE IS UPDATED DAILY, MONDAY THROUGH FRIDAY, EXCEPT HOLIDAYS.

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APPENDIX:
Company Brochure



Ronald N.S. Ho & Associates, Inc.
Electrical Engineers



**ELECTRICAL ENGINEERING
CONSTRUCTION & PROJECT MANAGEMENT
ENERGY CONSULTING**

ABOUT US

Established in 1978, Ronald N.S. Ho & Associates, Inc. is one of Hawaii's largest electrical engineering consulting firms. We provide electrical engineering services for federal, state and city government agencies and private clients. Our market sectors include public and private building structures, site infrastructure systems, lighting systems, electrical distribution systems, and water and wastewater systems.

As an employee-owned company, we are a service-oriented firm that delivers high-quality, cost-effective and timely projects for our clients. Quality assurance and adhering to schedules are important objectives for our staff.



*University of Hawaii Maui College
Science Building*



OUR LOGOMARK

The Rho is the 17th letter in the Greek alphabet. In scientific computations it is commonly used to represent resistivity and charge density.



ELECTRICAL ENGINEERING

From utility studies, to master planning, to full design and construction administration, we provide a full range of electrical engineering design and consulting services. Markets that we serve include the following:

Structures

- Educational Facilities
- Commercial Office and Retail
- Residential
- Hotels and Resorts
- Hospitals and Healthcare Facilities

Water and Wastewater

- Deep Well and Booster Pumping Facilities
- Treatment Facilities
- Controls and Instrumentation

Lighting Systems

- Highways and Street Lighting Systems
- Sports Facilities
- Recreational Playcourt, Ballfield and Walkways
- Parking Lots and Structures

Site Development

- Master Planning for Electrical Distribution Systems
- Primary and Secondary Power Distribution Systems
- Telecommunication Distribution Systems
- Emergency Generation Systems

CONSTRUCTION & PROJECT MANAGEMENT

Our project and construction management division was created at the request of our clients to provide professional construction management and inspection services for electrical and telecommunication projects. With an experienced team of construction and project managers, inspectors, and engineers, we have since expanded our capabilities and now provide construction management services for additional markets, including government structures, water distribution facilities, commercial properties, and educational facilities.



*Construction Management Services
for City Hall Fire Alarm System
Improvements*



ENERGY CONSULTING

A division of Ronald N.S. Ho & Associates, RHA Energy Partners provides clients with turnkey energy services that help improve their overall business and bottom line. RHA Energy Partners was created to expand upon the firm's capabilities and expertise in energy services and solutions and provide clients with more comprehensive turnkey energy services. We are able to more efficiently and effectively provide meaningful solutions for our clients across a wider platform of technologies, positively impacting our clients' overall business and bottom-line.

*Energy Improvement Program for
The Salvation Army Ray and Joan Kroc Corps
Community Center*

“

*Our assets are the employees that make up
our identity and exemplify our culture.”*

~ Ronald N.S. Ho, P.E. | Chairman and Founder



*Front Cover Photos (clockwise): University of Hawaii C-MORE Hale; Aloha Stadium (photo credit: Bobak via Wikimedia Commons);
T Galleria by DFS, Waikiki (photo credit: LuxuryBlackBook.com)*

Back Cover Photo: Ala Moana Boulevard (photo credit: Tonchino via Wikimedia Commons)

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www.rnsha.com