



MICHAEL Y. MAGAOAY

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CAREER SUMMARY

It has been a rewarding forty plus years of experience in various engineering disciplines, managerial and supervisory positions of every increasing scope and responsibility: twenty-eight years as Chief Electrical Engineer-Estimator/Project Manager with electrical contractors; five of those years as Director of Engineering and Sales for a mainland electrical contractor. Three years as Manager/Chief Engineer of Facilities and Building Services of a 506-bed hospital, supervising over 100 employees and currently ten years as an electrical consultant. Extensive hands-on experience in electrical engineering design, cost estimates, construction/maintenance management, human resources/manpower management, organizational planning, procurement/service contracts, and quality control. Also, within all those years served as an elected House of Representative for District 46 for ten years.

Professional Career

- MYM Services, LLC-Electrical Consultant---2009 to present
Currently working at Ronald N.S. Ho & Associates as a Senior Electrical Engineer as of December 2019. July 2009 to November 2019 contracted with Electech Hawaii, Inc. as an electrical engineer consultant. I have been involved with designing the primary/secondary distribution; site inspection of high voltage and secondary voltage projects; lighting design; fire alarm design, communication design; waste water treatment design; project cost estimate, & review of contract change orders for the owners. Also, involved with numerous projects with the Federal, State, City, & private sectors. Completed the designing of the Farrington Highway Stations Group (FHSG) -

Westlock; Waipahu; & Leeward Stations [overall electrical cost of \$11.2 million] & Kamehameha Highway Station Group (KHSR) - Pearlridge & Aloha Stadium Stations plus H2R2 Ramp [overall electrical cost of \$9.0 million] & project management on the Kamehameha Highway Station Group – Stations project.

- House of Representative for District 46---11/2000 to 11/2010
2009-2010 Vice-Speaker of the House of Representative
2007-2008 Chairman of Legislative Management Committee, Member of Finance; Water, Land, Ocean Resources & Hawaiian Affairs; and Energy Environmental Protection
2005-2006 Chairman of Legislative Management Committee; Member of Finance (Chairman of the Grant-in-Aide committee); Economic Development & Business Concerns; Tourism & Culture; and Agriculture Committees.
2003-2004 Chairman of Legislative Management Committee; Member of Finance (Chairman of the Grant-in-Aide committee); Economic Development & Business Concerns; Tourism & Culture; and Agriculture Committees.
2001-2002 Vice-Chairman of Economic Development & Business Concerns; Member of Finance; Tourism & Culture; and Agriculture Committees
Legislative Accomplishments:
 1. 2010 Health Care of Hawaii Legislature of the Year
 2. Saved Kahuku Hospital from closing
 3. Saved Pupukea-Paumalu for future generations to enjoy
 4. Saved Waimea Valley
 5. Saved Poamoho Camp & Kunia Camp from closing
 6. Funding for various projects in District 46
- A-1 Electrician, Inc., Senior Project Engineer—1997 to 2008
Primary responsibilities are project management/engineering on all phases of electrical installation, including designing, shop drawing, scheduling, coordination with the owners/engineers/contractors, change orders; plus, electrical cost estimates to various clients, etc.
Some of the projects that I was involved as a Senior Project Engineer:
 1. John A. Burns School of Medicine (JABSOM); electrical cost \$10.0 million
 2. Nordstrom @ Ala Moana Shopping Center; electrical cost \$6.0 million
 3. Kaiser Hospital (Moanalua) - Fire Alarm/Nurse Call Upgrades; electrical cost \$4.0 million

- American Electric Co. (AMELCO), Project Manager/Estimator—1994 to 1996
Primary responsibilities are project management on all electrical equipment installation, including layout, shop drawing, scheduling, overseeing field problems, final test, change orders, cost control and coordinate with the owners/engineers/contractors; plus, electrical cost estimates to various clients, etc.
Some of the projects that I was involved as a Project Manager:
 1. Bank of Hawaii Kapolei Division (Data Center/Commercial Building); electrical cost \$8.0 million.
 2. Honouliuli Wastewater Treatment Plant Phase 2; electrical cost \$3.5 million.
- American Technologies, Inc. (ATI), Director of Engineering and Sales—1989 to 1994
Primary responsibilities were to direct, plan, and coordinate the electrical contracting division in Hawaii. Also, to market ATI in all sectors of the private, state, city & county, and military market. ATI headquarters were in Illinois.
- Queen's Medical Center, Manager/Chief Engineer of Facilities & Bldg. Svcs-1986 to 1989
 1. Primary responsibilities were to direct, plan, coordinate and be administratively responsible for the proper installation, operation, repairs, modification and preservation of buildings, utilities, mechanical and electrical systems.
 2. Personnel management of a staff of 100 personnel, including supervisors and clerical support, in the development and use of appropriate standards, work schedules and methods, and safety management.
 3. Monitors the level of quality and performance of all assigned systems and programs. Develops and is responsible for budgets of assigned area; ensures utilization of resources within approved budget guidelines and reports on variance as required.
 4. Instrumental in preparing The Queen's Medical Center for the JCAHO inspection (Plant, Technology, and Safety Management) through proper record keeping and documentation, policies and procedure manuals, computerized preventive maintenance, on-going training and compliance with established controls (i.e. JCAHO, OSHA, City and County, State, and Federal regulations).
 5. Facilitates all new/renovated construction projects on campus and ensures compliance with all codes and regulations.
- George S. Okano Electrical Contracting Corporation, Chief Electrical Engineer/Estimator/Project Manager—1976 to 1986

1. Primary responsibilities were electrical estimating; design and evaluate; engineering management on all electrical equipment installation including layout, shop drawings, scheduling, overseeing field problems, final test, and cost control.
2. Successfully managed electrical construction projects ranging from \$10 to \$15 million and supervised a staff of over 100. The majority of our electrical construction projects from 1980 to 1986 were at The Queen's Medical Center-Queen Emma Tower; I was personally involved with the administration of the initial electrical design, cost estimation, and construction to deliver a high-quality electrical installation.
3. Worked on wastewater treatment plant: Ala Moana WWTP; Pearl City WWTP; & Ft. Kam WWTP

Education

- University of Hawaii @ Manoa, College of Engineering
Graduated with a BSEE, May 1976
- Waialua High & Intermediate School
High School Diploma, June 1971

Community and Professional Affiliations

- Damien Memorial School, Board of Directors, 2015 - 2019
- College of Engineering @UHM – Dean's Council, Chairman, 2015 – Present
- Public Schools of Hawaii Foundation Board of Trustee, 2015 - Present
- Hale Kipa, Board of Directors, 2011—2023; Chairman - 2023
- Pacific Health Ministry, Board of Directors, 2011—Present
- Catholic Charities Hawaii Member Board with Bishop Silva, 2010—2014
- Catholic Charities Hawaii Corporate Board of Directors, 2010—2014
- Catholic Charities Hawaii Development Housing Corp Board, President, 2014 – 2023
- Mililani Town Association, Board of Directors, 2013 - Present
- March of Dimes, Board of Director, 2009—2021
- Engineering Alumni Association, University of Hawaii @ Manoa, Treasurer 1992; Secretary 1993; Vice President 1994; President 1995; Board of Director 1996—present
- IEEE (Institute of Electrical and Electronics Engineer) Life Time Member, 1976—present
- Mililani Lions Club, 3rd Vice President 1992; 2nd Vice President 1993; 1st Vice President 1994; President 1995; President 2016 – 2017; Member 1987—present
- St. John Apostle & Evangelist Church, Pastoral Council, 2012—2015
- HSHE (Hawaii Society of Hospital Engineers), President 1989

Personal Information

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Reference

1. Scott Seu, President/CEO
Hawaiian Electric Industries
[Redacted]
[Redacted]
[Redacted]
[Redacted]
2. John Henry Felix, Chairman & CEO
HMAA
[Redacted]
[Redacted]
[Redacted]
[Redacted]
3. Ken Hayashida, Principal
KAI Hawaii, Inc.
[Redacted]
[Redacted]
[Redacted]
[Redacted]
4. Glenn M. Nohara, President
Genba Hawaii, Inc.
[Redacted]
[Redacted]
[Redacted]
[Redacted]
5. Brennon Morioka, Dean of the College of Engineering
University of Hawaii @ Manoa
College of Engineering
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