

Tony C.G. Lau, P.E., ENV SP, F.ASCE

Education: B.S. Civil Engineering, University of Hawaii at Manoa
2500 Campus Rd, Honolulu, HI 96822

Registration: Professional Civil Engineer, State of Hawaii

Certification: Envision Sustainability Professional, 2019

Work

Experience: NAVFAC Hawaii – Capital Improvements, Civil Engineering Branch Manager | Civil Engineering Technical Discipline Coordinator; 400 Marshall Road, Building A-4, JBPHH, HI 96860-3139 (GS-13)
February 2016 to Present.

Manages work accomplished by the Capital Improvements (CI) CORE civil engineering branch. Conducts Quality Control Reviews for all in-house and A-E civil engineer designs. Provides civil engineering consultation on technical issues to peers, staff, clients, and customers related to planning, design and construction. Developed procedures to increase efficiencies in CI and the civil engineering branch. Conducted best practices training sessions for CI staff based on experience in the private sector. Represents CI in coordination meetings with customers and other NAVFAC Hawaii business lines. Participates in NAVFAC Civil Community of Practice meetings. Chairs and participates in AE Selection Boards. Coordinate design issues with other discipline branch managers. Assist with designs if needed.

Directly supervises and mentors a staff of six civil engineers. Also responsible for technical growth of CORE and PMEB civil engineers. Research and monitor training opportunities for all the civil engineers.

DAWIA Level III.

HDR Engineering | Hawaii Pacific Engineers, Inc. – Associate Vice President| Federal Business Group Manager; 1132 Bishop Street, Suite 1200, Honolulu, HI 96813

June 1992 to March 2016.

Federal Manager responsibilities include mentoring and supervising a staff of up to ten civil engineers and CADD drafters, overseeing Hawaii federal business group with over \$4.5 million in annual bookings and earnings, and managing Department of Defense (DoD) IDIQ contracts. Mentoring includes identifying internal and external training opportunities for staff, quality assurance of project work, and providing exposure to new technical opportunities to widen growth. Supervision includes providing annual performance reviews, coordinating project assignments for staff with other business group managers, assessing staff for compensation adjustments, performance bonuses and promotions, and open two-way communication to resolve any conflicts or issues.

Over 23 years of extensive experience in completing projects for NAVFAC Pacific, NAVFAC Hawaii and other DoD entities in Hawaii and the Pacific Rim. Experience

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includes preparation of plans and specifications for civil projects and included Military Construction (MILCON) project documentation (DD Form 1391); Functional Analysis and Concept Development (FACD); Request for Proposal Design-Build solicitation documents; Design-Bid-Build solicitation documents; and construction cost estimates including Bill of Material Quantity estimates and costs. The projects involved new construction/repair and maintenance of facilities, site/waterfront/airfield facilities, water treatment/distribution systems, storm drainage and sewage/solid waste/hazardous waste collection/treatment systems in tropical environments. Also provided services during construction such as construction site inspections/observations, submittal review, responding to requests for information, and reviewing contractor change proposals. Also, prepared civil and environmental planning reports/studies included site engineering investigation reports, water system capacity studies, storm water management program plans, cross connection studies, and non-storm water discharge studies.

In final year, served as project manager for over ten projects and served as project civil engineer for over five other projects concurrently. Project management duties included oversight and coordination with architects, structural engineers, mechanical engineers, fire protection engineers, electrical engineers, landscape architects, geotechnical engineers, environmental engineers, cost estimators, surveyors and other technical disciplines within and outside of HDR. Descriptions of a variety of projects and responsibilities to demonstrate breadth and depth of experience is included below.

Computer

Skills: Skilled in AutoCAD, KYPIPE, Microsoft Office, Adobe Acrobat, SUCCESS, Specsintact

Professional

Activities: American Society of Civil Engineers (ASCE), Fellow, Society Director (2018 to present), Regional Governor (2013 to 2016), Regional Treasurer/Historian (2016 to 2018), Chair of numerous national, regional, and local committees
Hawaii Council of Engineering Societies, Chair, 2004
Society of American Military Engineers, Member

Community

Activities: Kalani Falcons Athletic Boosters: Treasurer (2012 to present), Golf Tournament Chair (2015 to present)
American Cancer Society, Relay for Life Team Leader, 2015 to 2019

Honors: Project Manager/Project Engineer on over ten NAVFAC Pacific award-winning projects.
NAVFAC Civilian Engineer of the Year, 2020
NAVFAC Hawaii Civilian Engineer of the Year, 2019
ASCE Region 8 Engineer of the Year, 2017
Hawaii Society of Professional Engineers, Hawaii Engineer of the Year, 2017
ASCE Edmund Friedman Young Engineer Award for Professional Achievement, 2002
Hawaii Society of Professional Engineers, Hawaii Young Engineer of the Year, 2002

Reference: Furnished upon request