

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



Education: B.S. Civil Engineering, University of Hawaii at Manoa, 1992
2500 Campus Rd, Honolulu, HI 96822

Registration: Professional Civil Engineer, State of Hawaii No. 9021

Certification: Envision Sustainability Professional, 2019

Work

Experience: **Naval Facilities Engineering Systems Command, Hawaii – Planning, Design and Construction (PDC), Design Production Director (GS-14)**

September 2021 to Present

Supervises professional engineering and architectural subject matter experts to produce construction contract documents, through in-house (IH) capability, Architectural & Engineering (AE) contractor, or other contracting vehicles, and support other COMNAVFACENGSYSCOM programs, such as Asset Management, Public Works, Real Estate, Environmental, Contingency Engineering, Seabees, etc.

Serves as component or command technical consultant to activities and installations concerning facilities planning, design, construction and/or maintenance for different categories of facilities.

Serves as a principal professional and technical advisor for facilities engineering services and management. Provides advice and recommendations concerning architectural and engineering methods and systems as necessary to develop and coordinate projects for design, repair, alteration, rehabilitation, installation, improvement or demolition. Provides expert consultation and advisory services on the full-range of facilities engineering and design disciplines to Fleet Commander, major claimants, and all naval activities in the area of responsibility (AOR) of the regional Command, including reach back work for other Field Engineering Commands (FECs), which have a primary interest in, or are responsible for Shore Facilities design work.

Evaluates workload and critical project priorities and deadlines, and schedules and assigns manpower to accomplish all tasks assigned by higher authority.

Provides quality control reviews and provides approval of design documents.

Accountable for accuracy; adequacy, compliance and economy of design; choice of materials; completeness; practicability; and safety.

Directly supervises, mentors and coaches a team of architect, mechanical, structural, civil, electrical, fire protection, and cost/specs branch managers.

In FY2024, NAVFAC Hawaii awarded 124 AE contract actions totaling about \$155M and awarded 34 construction contracts totaling about \$440M under his supervision which is about a 40% increase from FY2023.

Naval Facilities Engineering Systems Command, Hawaii – Design and Construction (DC), Civil Engineering Branch Manager | Civil Engineering Technical Discipline Coordinator (GS-13)

February 2016 to September 2021; Acting September 2021 to July 2023

Managed work accomplished by the Design and Construction CORE civil engineering

branch (DC45). 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 DC and the civil engineering branch. Conducted best practices training sessions for DC staff based on experience in the private sector. Represents DC in coordination meetings with customers and other NAVFAC Hawaii business lines. Participates in NAVFAC Civil Community of Practice meetings. Chairs and participated in over 13 AE IDIQ and Construction MACC Selection Boards. Coordinate design issues with other discipline branch managers. Assist with designs if needed.

Directly supervises, mentors and coaches a staff of 12 civil and geotechnical engineers. Also responsible for technical growth of CORE and PMEB civil and geotechnical engineers. Research and monitor training opportunities for all the civil and geotechnical engineers.

**HDR Engineering | Hawaii Pacific Engineers, Inc. – Associate Vice President|
Federal Business Group Manager**

June 1992 to March 2016.

Responsibilities include mentoring and supervising a staff of up to ten civil engineers and CADD drafters, overseeing Hawaii federal business group with over \$5.0 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 primarily for NAVFAC Pacific, NAVFAC Hawaii and other DoD entities in Hawaii and the Pacific Rim. Experience 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. 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.

Project Manager/Project Civil Engineer on twelve NAVFAC Pacific award-winning projects.

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Professional

Activities: American Society of Civil Engineers (ASCE), Fellow, Society Director (2018 to 2021), Regional Governor (2013 to 2016), Regional Treasurer/Historian (2016 to 2018), Chair of numerous national, regional, and local committees
State of Hawaii, Board of Professional Engineers, Architects, Surveyors, and Landscape Architects (EASLA), Vice Chair (2024 to present), Civil Engineer Member (2022 to present),
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: Hawaii State Legislature Certificate Recognizing Tony Lau for His Continued Service with the Kalani Falcons Athletic Boosters, 2023
Council of the City and County of Honolulu Certificate Honoring and Recognizing Tony Lau for his Generous Contributions to Kalani High School and the Kalani Falcons Athletic Boosters, 2023
NAVFAC Worldwide 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