

References:

Retro-Commissioning

NAVFAC Hawaii awarded ID/IQ Retro-Commissioning Contract to AMEL in 2012. The contract was one base year and two one-option year. AMEL received four Task Orders and retro-commissioned over 35 facilities ranging from office space to dormitory to ship yard, with building sizes ranging from 10,000 SF to 450,000 SF.

Cost: \$3.5M. Completed in 2015.

Contact: Jon Sakomoto, NAVFAC Hawaii, Energy Office.
(808) 474 -3367, jonathan.sakomoto@navy.mil

Commissioning/Retro-commissioning/Sustainability consultant/HVAC & Plumbing Design

AMEL has been retained by Kaiser Permanente as a consulting firm to provide HVAC design, energy, commissioning, and sustainability services since 2004. AMEL has worked more than 30 projects for renovation and new construction. AMEL is on Kaiser Permanente's Preferred Consultant list.

Cost: Ranged from \$10,000 to \$9M.

Contact: Maya Salabasheva, Kaiser Permanente.
(510) 625 2611, Maya.I.Salabasheva@kp.org

Commissioning/Energy Study/Life Cost Analysis

AMEL is hired frequently by Hawaii National Guard to provide commissioning authority services on new constructed facilities, conduct life cycle cost analysis and energy conservation studies for existing facilities, provided design for HVAC systems on renovation projects.

Cost: ranged from \$10,000 to \$55M.

Contact: Aaron Lau, Hawaii Army National Guard.
(808) 672-1532, Aaraon.d.lau.nfg@mail.mil

Commissioning, Retro-commissioning, Sustainability Consultant, HVAC and Plumbing Design

AMEL has been working on various projects of Department of Accounting and General Services (DAGS) since 2004. AMEL has worked on more than 20 DAGS projects since 2004.

Cost: ranged from \$0.6M to \$20M.

Contact: Gina E. Ichiyama, State of Hawaii DAGS.
(808) 586-0472, gina.e.ichiyama@hawaii.gov

Commissioning, Retro-commissioning, Sustainability Consultant, HVAC

AMEL was retained by the County of Kauai to provide commissioning authority; retro-commissioning/life-cycle cost analysis and HVAC design services for existing facilities since 2009.

Cost: ranged from \$2M to \$9M.

Contact: Douglas Haigh, County of Kauai, Hawaii.
(808) 241 4849, dhaigh@kauai.gov

Waste Disposal/Waste Analysis Services

AMEL was awarded ID/IQ Contract by Hawaii Air National Guard to provide waste disposal and waste analysis services in 2014.

The ID/IQ cost Limit \$150,000.

Contact: Cheryl Settle, Hawaii Air National Guard.
(808) 304-0770, cheryl.settle.1@us.af.mil

Special Inspection Services

AMEL was hired to provide Special inspection services including geotechnical, structural, concrete and welding for 50,000 sf Army Aviation Support Facility Phase I.

Cost: \$35M, the project is ongoing.

Contact: Morris Onishi, Project Manager
(808) 672-1543, morris.m.onishi.nfg@mail.mil

Geotechnical Engineering QC/QA Inspection Services

AMEL was hired as the Contractors' Geotechnical Engineering to provide Site inspection, field and laboratory tests in Pohakuola Training Area: The Project

Cost: \$28M, the project is ongoing.

Contact: John Makoff, Goodfellow Brothers, Inc.
Cell: (808) 640-3586, johnm@goodfellowbros.com



Melek Yalcintas

- ▶ Ph.D.
- ▶ P.E.
- ▶ CxA
- ▶ LEED-AP
- ▶ CEM

Dr. Melek Yalcintas is the Founder and President of AMEL Technologies, Inc. Dr. Yalcintas has published more than 30 journal papers in various aspects of mechanical engineering with over a dozen of these papers emphasizing energy efficiency for buildings.



Abidin Kaya

- ▶ Ph.D.
- ▶ P.E.
- ▶ LEED-AP

Dr. Abidin Kaya is the Vice President of AMEL Technologies, Inc. He has published more than 80 technical papers on various aspects of geotechnical engineering. Dr. Kaya has been serving as the principal Geotechnical Engineer for AMEL Technologies, Inc. since 2008.

AMEL's philosophy:

AMEL's philosophy is very simple: Be innovative. Innovation begins when one changes the way one looks at things. Therefore, innovation is not always a new technology. Innovation is creating more effective processes, products and ideas. Innovation starts by asking questions to challenge so called "standard" or "routine". Thus, innovation requires looking, listening, learning, writing and practicing. AMEL's innovation starts by asking questions which not only lead to solutions but also define the core problem(s). We make sure every employee of AMEL not only knows its philosophy but lives and work with it everyday



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AMEL Technologies, Inc. (AMEL) is a multidisciplinary engineering consulting firm providing services in Mechanical Engineering, Energy Consulting Services, Sustainability, Commissioning, Construction Management and Geotechnical Engineering since 2004. AMEL has extensive professional experience working with both public and private clientele.

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ENERGY CONSULTING SERVICES

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- ▶ Forensic Engineering
- ▶ Thermal Storage
- ▶ Life Cycle Cost Analysis
- ▶ Solar Water Heating
- ▶ Industrial Ventilation
- ▶ Waste to Heat Recovery



SUSTAINABILITY

- ▶ LEED Coordination and Documentation
- ▶ LEED Construction Verification
- ▶ IAQ Measurement and Verification
- ▶ Energy Star Analysis and Registration

COMMISSIONING

- Enhanced LEED Cx ◀
- Fundamental LEED Cx ◀
- Retro-Commissioning ◀
- Re-Commissioning ◀

CONSTRUCTION MANAGEMENT

- Constructability Reviews ◀
- Construction Inspection ◀
- Progress Reports ◀
- Contracts Administration ◀
- Quality Control and Assurance ◀
- Construction Planning ◀
- Construction Coordination ◀

GEOTECHNICAL ENGINEERING

- Slope Stability Analysis ◀
- Rockfall Hazard Analysis ◀
- Seismic Site Classification ◀
- Pavement Design and Analysis ◀
- Foundation Design and Analysis ◀
- Geotechnical Subsurface Investigation ◀

