

Capabilities Statement

GAP Engineering Consulting Group



Global Analytical
Professionals, LLC

CERTIFICATION

SBA Service-Disabled
Veteran Owned Small
Business (SDVOSB)

Headquarters Offices
6300 Wickham Rd
Suite 130-220
Melbourne, FL 32940

EMAIL

Scott E. Seigel P.E.,
CEM, LEED AP, CxA
VP Global Technical
Solutions
scott.seigel@analyticalprofessionals.com

WEBSITE

www.analyticalprofessionals.com

Headquarters Offices
6300 Wickham Rd
Suite 130-220
Melbourne, FL 32940

CAGE CODE 8MRX2

DUNS Number
081235224

Founded in 2018, Global Analytical Professionals, LLC (GAP), operating as GAP Engineering Consulting Group, provides engineering, energy, commissioning, construction inspection, and technical consulting services to Federal, Department of Defense, VA, commercial, and municipal clients. GAP combines professional engineering expertise with extensive field experience in building systems, construction, operations, maintenance, and energy performance.

GAP personnel have more than 20 decades of combined Federal experience supporting energy auditing, A/E design, Building Commissioning, QAR inspections, Facility Assessments, and ESCO project development for the Department of Energy, USACE, Department of Defense agencies, Department of Veterans Affairs, and other Federal clients throughout CONUS and OCONUS. We will help you achieve your professional goals?

Core Competencies

- HVAC and IT Cx Services
- Energy Efficiency and Optimization
- Facilities Condition Assessments
- Energy Audits
- ESPC/UESC Project Development support
- Measurement and Verification (M&V)
- Private Provider Construction Inspections
- Demand Response Analysis and Design
- Solar and Renewable Energy Solutions
- QAR/QC Construction Inspectors
- Owner's Representative services
- Building controls and HVAC optimization
- Microgrid, backup generation, and battery solutions

NAICS CODES

541330

236210

236220

541340

541350

541420

541618

541690

541715

541990

NAICS Title

Engineering Services

Industrial Building Construction

Commercial and Institutional Building Construction

Drafting Services

Building Inspection Services

Industrial Design Services

Other Management Consulting Services

Other Scientific and Technical Consulting Services

Research and Development in Physical, Engineering, And Life SCI.

All Other Professional, Scientific, And Technical Services

Competitive Differentiators

Staff Experience: Our professional staff has more than a combined 20 decades of Federal Experience in Energy Auditing, Engineering Design, Commissioning and ESCO Project Development for the DOE, USACE, and nearly every DOD Agency on project in the CONUS and OCONUS. GAP Leadership started in the construction and energy industries as Electricians, HVAC Technicians, and building maintenance technicians. Early on, this experience allowed us to learn how existing buildings are constructed along with the maintenance issues and procedures that go along with an aged infrastructure. As Professional Engineers our leadership excelled in the Federal Areas as Project Engineers, Energy Engineers, CxA's and Project Developers in the Federal ESCO world. Our building operations knowledge is virtually unparalleled within the energy and construction industries.

Capabilities Statement

GAP Engineering Consulting Group

Competitive Differentiators

Client Relationship Management: We deliver superior service to our clients through our ongoing investments in client relationship management and account management. Our goal is to provide each client with a single point of contact at our company, an individual who is answerable to, and accountable for, all the activities we undertake for the client.

Delivery of innovative solutions: We believe that our investments in research, technology, data science and analytics, people, quality control, and innovation enable us to continually evaluate best practices across our organization

SELECT FEDERAL CONTRACT EXPERIENCE

U.S. CUSTOMS AND BORDER PROTECTION — ENERGY MANAGEMENT SUPPORT | Contract HSB1017P00503

Prime: Green Powered Technologies

GAP supported CBP's Office of Facilities Management and Engineering, Energy and Environmental Division, providing energy audits and analysis of energy efficiency strategies, renewable energy opportunities, energy financing reports, and market research for UESC and ESPC implementation. Services included nationwide site visits, energy investment assessments, project scope development and review, engineering reviews, commissioning reports, Performance Assurance Reports, and Measurement and Verification reports.

NAVFAC ENERGY AUDITS | Contract N62583-09-F-0194

GAP leadership served as the Sain Engineering Team Lead for energy audits at Navy and DoD facilities including data centers, power plants, commissaries, exchanges, gymnasiums, schools, barracks, housing, recreation centers, restaurants, renewable energy installations, and base power grids. Recommended measures included lighting, HVAC, pumps, chillers, transformers, solar PV and solar thermal systems, water conservation, power distribution, refrigeration, controls, and dehumidification.

NAVEUR ENERGY SAVINGS PERFORMANCE CONTRACT | \$171.5M

Prime: Siemens Govt Technologies (SGT)

GAP personnel served as Senior Project Development Engineers supporting development of an ESPC covering NAS Sigonella, NSA Naples, and Naval Station Rota. The project included chilled water, boiler and hot water systems, HVAC controls, lighting, motors, renewable energy, water reduction strategies, and building envelope improvements, with projected energy savings exceeding \$17 million over the contract term.

Veterans Administration (VA) CT and AHU Replacement Designs | Lake Baldwin Orlando and VA West Palm Beach

VA Project # 675-21-103, 548-18-605

Prime: DDC Engineering

GAP personnel supported the design and implementation of the new Cooling Towers and AHUs at Lake Baldwin Florida VA and West Palm Beach VA Facilities. This included an initial environmental assessment, redesigning the condenser water systems, updating controls along with new VFDs and electrical disconnects.

USACE St Paul District- QAR/QC Inspection Services | THDR-W912ES22D0004

Prime Contractor: TEPA

GAP QAR/QC Inspectors perform roadway and building inspections providing daily QA Reports on RMS for the COR. The Inspector is required to attend and deliver notes from Pre-Construction Conference, Weekly Progress Meetings, Monthly Supervisor Safety Meetings, and other meetings which occur because of questions and contract interpretation. Inspectors may be assigned to a variety of projects at the Fargo District such as roadway and dam construction and repairs as well as the St. Cloud, MN VA Medical Center to include but not limited to health care facilities maintenance and restoration, mechanical/electrical/plumbing (MEP) systems, underground utility systems, civil works, and both interior and exterior facility renovations. When assigned to these operations, the Inspector's primary responsibility is to ensure that work is being accomplished in accordance with all contract documentation, et. al.