



Federal Offerings

Our goal in serving federal agencies is to be a valued and trusted partner, sharing in the mission of government service to the American people.

We pair experienced project managers with the right talent and subject matter experts from across our company to offer specialized expertise and industry insights that help advance the design and performance of government facilities and the processes and products of program management initiatives. We maintain an in-house contracts division with extensive FAR experience to enable our compliance with federal contracting and reporting requirements.

Our energy solutions group emphasizes building life cycle performance. We deliver the full spectrum of planning, repairing, renewing, and sustaining new and existing systems. In addition to designing, installing, and commissioning new buildings, we investigate, analyze, troubleshoot, and commission existing facilities. Our seasoned team members have worked on a wide variety of public-sector projects, from simple single-building sites to complex multi-building campuses.

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MacDill Air Force Base, Flight Simulator Building | Tampa, FL

Services: Turnkey design-build

Description: A chiller in the flight simulator building had failed and another was failing. If cooling was lost during any part of design, demolition, or installation, substantial damage to the simulator's computer system could have occurred. Our solution included two new chillers, two new variable primary pumps, new piping, a new hydraulic room fan coil unit, two new wall-mounted de-stratification fans, and replacement of the existing hydraulic air conditioning unit.



Department of Veterans Affairs | Grand Rapids, MI

Services: New building commissioning, automated controls

Description: Mechanical commissioning included rooftop air handling units, direct expansion cooling, gas heating humidification, exhaust, variable-primary heating hot water system with condensing boilers, and building pressurization control. Plumbing commissioning included medical gas and domestic cold/hot water systems. Electrical commissioning included normal and emergency power systems, automatic transfer switches, occupancy sensors, and network and daylighting controls.



Charles Evans Whittaker U.S. Courthouse | Kansas City, MO

Services: Turnkey design-build

Description: Energy reduction strategies shared by facility operators were coupled with measures identified by our team during remote building automation system evaluation to maximize HVAC operation and reduce energy costs. Strategies included air handling unit optimum start sequencing, efficient lighting control schedules, automated central plant control, improved temperature resets, effective demand control ventilation, and optimized economizer sequencing.



National Geospatial Intelligence Agency | Springfield, VA

Services: Commissioning, system integration

Description: We provided commissioning services for the data center expansion of the National Geospatial Intelligence Agency's (NGA) New Campus East. We coordinated the more than 25,000-square-foot commissioning process, reviewed submittals and pre-functional test checklists, oversaw functional performance and integrated systems tests, reviewed operations and maintenance manuals, coordinated training, and helped resolve technical problems.



Marine Corps Air Station | Iwakuni, Japan

Services: System integration

Description: We oversaw utility monitoring and control system (UMCS) certification and accreditation across more than 190 facilities of a U.S. Marine Corps Air Station in Japan. The original project was to integrate HVAC direct digital controls to the UMCS, but the entire system had to meet very strict Department of Defense requirements. We worked directly with the hardware and software manufacturers of each UMCS component to harden, lock, or eliminate vulnerabilities.



MacDill Air Force Base, Reserve Headquarters | Tampa, FL

Services: Turnkey design-build

Description: When the MacDill Air Force Base's Reserve Headquarters chiller failed, the temporary cooling unit reached only minimal levels of occupant comfort. After demolishing the original chiller, we identified, procured, installed, and tested a new 80-ton replacement. This new magnetic bearing, air-cooled chiller can reach an energy savings estimate of 10 to 20 percent over original baseline building cooling energy usage and cost.



Our Services

- Analytics
- Automated demand response
- Controls & systems integration
- Commissioning
- Construction management
- Design-build implementation
- Energy audits
- Energy engineering
- Energy management systems
- Energy modeling & analysis
- Master planning
- Measurement & verification
- Persistent commissioningSM
- Project management
- Renewable energy
- Retro-commissioning
- System integration
- Turnkey design-build



MacDill Air Force Base, Retro-Commissioning | Tampa, FL

Services: Retro-commissioning

Description: Our retro-commissioning program identified cost-effective energy-saving improvements to equipment maintenance and capital improvement projects across 89 buildings. Solutions included duct static pressure setbacks, effective temperature resets, improved equipment scheduling, and effective ambient equipment lockouts. We suggested the replacement of control valves, actuators, and sensors along with control sensor calibration and HVAC diagnostics.



Roman L. Hruska U.S. Courthouse | Omaha, NE

Services: Turnkey design-build

Description: Energy reduction strategies shared by facility operators were coupled with measures identified by our team during remote building automation system evaluation to maximize HVAC operation and reduce energy costs. Strategies included improved equipment scheduling, optimized setback and setup temperatures, improved temperature control, restoration of garage exhaust fan control, and the automated control of freeze protection coil heaters.



Tooele Army Depot (TEAD) | Tooele, UT

Services: System integration, controls and system integration

Description: We are helping the U.S. Army Corps of Engineers find a technical solution to integrate HVAC direct digital controls across a subset of facilities at TEAD. We are implementing an enterprise-level utility monitoring and controls systems platform to centralize monitoring and management of building-level equipment across the TEAD government network.



Department of Veterans Affairs (VA) | Long Beach and San Diego, CA, Albuquerque, NM, and El Paso, TX

Services: Retro-commissioning

Description: As a subcontractor to DAV Energy Solutions, Inc., we provided retro-commissioning services and minor mechanical system repairs to the 1,343,000-square-foot VA Healthcare System in Long Beach, the 1,674,000-square-foot VA Healthcare System in San Diego, the 1,511,000-square-foot Raymond G. Murphy VA Medical Center in Albuquerque, and the 294,00-square-foot VA Medical Center in El Paso.



Naval Air Station Lemoore | Lemoore, CA

Services: Energy audits

Description: We performed American Society of Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE) level II energy audits for 440,000 square feet of hospital, training, and barrack facilities. Our implementation suggestions also supported the Southern California Gas Company's federal utility energy service contracts.



Fort Hunter Liggett | Fort Hunter Liggett, CA

Services: Turnkey design-build

Description: As a subcontractor to EPC Service, Inc., we are renovating mechanical and electrical systems in one of the fort's barracks. The project includes demolishing and replacing rooftop HVAC units, direct digital control systems, domestic hot water storage tanks, lighting, fire sprinklers, ground fault circuit interrupter electrical systems, pipes, ducts, diffusers, and architectural features.