

U. S. Air Force Base Beale PAVEPAWS Radar Facility

Perimeter lighting system repair and retrofit

Project Overview

Sustainable Group key personnel performed on-site construction services to repair and perform a lighting retrofit of the perimeter lighting system at the PAVEPAWS Radar Facility.

Reference

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Project Description

This project repaired the exterior perimeter lighting at the highly classified Beale Air Force Base PAVEPAWS Radar Facility by replacing the poles, lighting fixtures, and associated wiring conductors to make a fully functional, Anti-Terrorism Force Protection compliant lighting system.

Specific Scope of Work items included the removal of (96) high pressure sodium fixtures and replacing them with only (50) new high pressure sodium, thus reducing the energy consumption by nearly 50%. In addition, the existing poles were dismantled, environmentally recycled, and replaced with new powder coated poles. All wiring and fuses were also replaced to provide a new fully reliable system.

Sustainable Group key personnel performed on-site construction management, safety and security oversight, and Quality Control/Quality Assurance for this project. This expert oversight ensured the project was completed in a timely manner and in full compliance with the contract drawings and specifications. In particular, while only operational (i.e. on/off) testing of the system was required, additional nighttime testing of the lumen output of the system was performed to assure the Air Force that



Key Personnel Certifications

PE, LEED AP, PMP, CFM, QSD/
QSP

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the system was constructed as presented in the contract documents. This additional testing identified a design defect that is currently being corrected.

About Sustainable Group

Headquartered in Moraga, California, Sustainable Group Inc. is a premier licensed General Contractor (CA #966993, HAZ) providing general construction environmental remediation, demolition, civil site development, and marine construction services. Sustainable Group also offers Leadership in Energy and Environmental Design (LEED) expertise pertaining to renewable energy and sustainable sites, as well as overall facilities management consulting services. Sustainable Group key personnel have over 22 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Energy, Department of Defense, Department of Transportation, and the Army Corps of Engineers.

Let's Discuss Your Needs

Sustainable Group will become a highly valued and trusted resource that you'll rely upon to consistently provide expert, efficient and professional construction, remediation, demolition, LEED, and facility management consulting services. Contact us at your convenience; we look forward to discussing your needs.

For more information, call us at **925-899-9721**, or email info@sustainable-group.com.