

U.S. Coast Guard Cape Flattery Lighthouse Tatoosh Island, WA

Repair the 164-year-old Cape Flattery Lighthouse and Fog Signal Building.

Project Overview

Sustainable Group key personnel performed on-site construction services during the repair of the remote Cape Flattery Lighthouse.

Reference

Keith Ruch
Contracting Officer's Technical Representative
Keith.J.Ruch@uscg.mil
510-219-5640

Project Description

This high-visibility project required the provision of all labor, materials, and equipment necessary to repair the 164-year-old Cape Flattery Lighthouse and Fog Signal Building located on Tatoosh Island, on the Makah Indian Reservation, in Washington State. The Lighthouse is listed in the National Register of Historic Places (NHRO) as a contributing element of the Tatoosh Island Historic District. The project intent was to perform the necessary repairs and modifications as required for the structural repair and weatherization of the buildings. Specific exterior elements of work included the removal of tall vegetation from around the perimeters of the buildings; removal of roof dormers and restoration to the pre-1900 original roof profiles; removal of existing roofing to include asbestos containing roofing on the Fog Signal Building; repair of dry rotted roof framing in both buildings; removal of loose and repair of stucco on both buildings; installation of new hurricane rated standing seam metal roofs; installation of color matching gutters and downspouts, installation of new custom windows and doors throughout; and the on-site restoration of corroded metal to include the complete replacement of the lantern room metal panels. Interior work included the removal of large amounts of collected debris over the last several decades from inside both buildings; removal of lead-based paint plaster and paint; the reframing of major sections of flooring in the Lighthouse building; and the removal of partition walls inside the Fog Signal Building. Originally all of this work was to be completed between September 1 and October 31, 2020, however significant and unavoidable weather delays to include hurricane force storms, required a shutdown of work from November 12 to December 2, 2020 and the project was then successfully completed on December 12, 2020. Given the amount of work described above, this was still an extremely fast timeline for a project of this type, i.e., remote access, helicopter transport only, etc. Moreover, the project was completed



Air operations and delivery of materials



Roof framing repairs

Key Personnel Certifications
 PE, LEED AP, PMP, CFM

Sustainable Group is a Service Disabled Veteran Owned Small Business Corporation.



Stucco repairs



Project at completion

with no safety or quality issues of any kind to include no COVID-19 cases among the work crew despite working in very close proximity to each other and Makah Tribe members who were hired on to assist with the project and to contribute back to the Makah community. Sustainable Group (SGI) served as the General Contractor, the Project Manager, and the Direct Liaison to the Makah Indian Tribe as well as to several USCG project stakeholders. In addition, the SGI on-site Field Superintendent directed work crews daily, oversaw all safety and quality control measures, and performed hands-on intricate repairs to include final adjustments for the operational windows.

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 26 years of experience in successfully executing projects and performing expert facilities management for multiple Federal entities including the Department of Homeland Security, Department of Veterans Affairs, Department of Defense, Department of Energy, 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.