

U. S. Coast Guard Rescue 21

Design review and construction management services

Project Overview

Sustainable Group key personnel performed design review and construction management services for multiple U.S. Coast Guard Rescue 21 communication sites along the eastern seaboard of the United States.

Reference

Captain Ken Marien
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Project Description

Rescue 21 is a \$700M program to improve the Coast Guard's advanced Search and Rescue communications system being deployed regionally along the U. S. coastline. The Rescue 21 system replaces the current Very High Frequency (VHF) National Distress Response system the Coast Guard uses as its primary communications system to conduct all missions, including Search and Rescue. Rescue 21 revolutionizes how the Coast Guard uses radio communication capabilities for all missions within the coastal zone and will improve the ability to save lives and property at sea.

Now operational in over 18 regions in the U. S., (covering nearly half the U. S. coastline excluding Alaska), Rescue 21's impact is significant, having been used in over 4,600 Search and Rescue missions.

Specific services provided by Sustainable Group key personnel, included a detailed design and constructability review of the towers and associated equipment to be constructed at each site. Early on during this review, Sustainable Group key personnel, discovered that proper geotechnical borings and analysis had not been completed for various sites. This discovery alerted U. S. Coast Guard Program Management personnel to this



Key Personnel Certifications

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

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omission, which in turn was relayed to the prime contractor for correction. Geotechnical analysis was then promptly completed at all of the sites, approved by Sustainable Group key personnel and the project proceeded successfully per the revised design.

During construction, Sustainable Group key personnel, were responsible for the overall management of the projects, safety oversight and quality control oversight for the Coast Guard. As a direct result of this expert oversight, the project was completed in a safe manner, on schedule, and will provide decades of service to the U. S. Coast Guard in support of their extremely vital Search and Rescue mission.

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.

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