Position Title
Supporting Seismic Engineer

Position Description
The objective of this position is to provide seismic structural engineering support and design services for shore infrastructure in support of the Coast Guard Civil Engineering Unit in Oakland, California. It will focus on facility seismic structural assessment and improvement design. This position, specifically, will be under the mentorship and guidance of a senior, professional, licensed structural engineer, and will support that engineer in providing independent support services with a focus on seismic assessments and retrofit of facilities (buildings, waterfront facilities, piers, wharves, towers, fuel tanks, and other facilities similar to Coast Guards holdings and resources). The overall goal of the team is to provide expert support, facility assessment, risk-to-life and mission analysis, and design document preparation to analyze compliance with current federal, state, local statutory, and IBC requirements, as well Department of Homeland Security/Coast Guard instructions and policies. Facilities are typically within tsunami zones, where the Coast Guard acts in a first-response role. Analysis of the risk of loss of life and the risk to mission capability is the initial deliverable(s) for this job. This position is located at the USCG Civil Engineering Unit in Oakland California (in the Oakland Federal Building). The workweek is Monday through Friday—five 8-hour workdays per week. Telework is not allowed.

Position Duties
• Provide seismic preparation of, assistance with, and support for the assessment of the seismic risk to Coast Guard facilities. Assessment will include the risk-to-life and mission capability
• Potentially, site visits and assisting with structural evaluations per ASCE 41.
• Assist with the preparation of technical documents (studies, reports, drawings, specifications, etc.) and construction cost estimates for any necessary structural improvements to Coast Guard facilities to ensure compliance with the current IBC and other applicable seismic requirements and standards
• Perform site investigations to gather essential information for the seismic evaluation of Coast Guard facilities, and required improvements to ensure compliance with current IBC and other applicable seismic requirements and standards
• Assist with providing expert, in-house assessment of earthquake impacts to life and Coast Guard mission capability, seismic retrofit requirements and construction costs, consultation and coordination of retrofit design projects, and timelines for retrofit project implementation
• Assist with special projects as assigned by the Coast Guard Division Chief or his designated

More Information
http://www.addxcorp.com/

To Apply:
Please send a resume/cover letter to aritter@addxcorp.com.