

Must be a structural engineer with a PE. Must be willing and able to obtain a California license promptly.

We design and fabricate containerized hydrogen systems on behalf of others and design site improvements such as foundations, piers, grading and drainage and traffic flow for new hydrogen production and delivery sites. Experience with hydrogen systems, such as electrolyzers, reformers, compressors and storage tanks is desirable and will be discussed during an interview. Will be responsible for writing material specifications and evaluating bids for purchase of containers and enclosures, designing and implementing modifications to Iso containers, structural steel and supports for equipment, pipe, tubing and valves and electrical components and for assuring seismic suitability. Must be experienced in performing structural calculations including FEAs, sizing, bidding, and procuring materials to support hydrogen equipment, and enclosures and skids for mounting equipment. Able to prepare weld maps and develop AWS welding requirements and procedures. All designs are to be modelled in 3D - must have CAD capability - and be able to collaborate well with designers. Ideal candidate will be familiar with and able to use CadWorx 2018 or AutoCAD. Must be competent with Enercalc and SAP2000 or equivalent. Civil and structural drawings will be prepared and issued for construction and permitting for projects nationwide so must be familiar with design and construction codes and standards for structural and civil work. Must coordinate and work well with other disciplines and suppliers. Must also be able to work well with shop welders and fitters. Must be familiar with and comfortable with Continuous Quality Improvement and KPIs. Resume must demonstrate success at meeting cost, schedule, and quality goals for completed projects.

Must have demonstrated skill as a Project Manager, preferably in the Petrochemical or Power industries. Conversant with WBS, cost and schedule preparation and control, earned value calculations, and periodic progress reporting. Our projects are typically less than \$2MM- will be expected to manage multiple projects simultaneously. Will prepare and maintain Project Management Plans including Project QA/QC Plans, periodic client and company reporting, budgets and schedules and also manage work to meet these documents. Will be principal point of contact with Clients. Some domestic travel may be required.

Must have English as a first language and have good presentation skills. Must be a US citizen and have graduated from a reputable US college or University. Non smokers only.