

SENIOR MECHANICAL ENGINEER - MECHANICAL ENGINEERING

JOB LOCATION

GLHN Architects & Engineers, Inc.
2939 EAST BROADWAY BOULEVARD
Tucson, AZ 85716

JOB DESCRIPTION

The Senior Mechanical Engineer is responsible for producing construction documents (drawings and specifications) in compliance with the scope, budget, and project schedule to the satisfaction of GLHN clients; to provide consulting services, including reports of findings, engineering analyses, and resulting design work as necessary for review. Additionally, the Senior Mechanical Engineer will actively engage in and pursue business development activities.

REQUIRED:

- BS in Mechanical Engineering or BS Architectural Engineering from an accredited four-year college or university.
- Minimum 10 years' experience working with a consulting/design firm as a Mechanical Engineer
- Registered Professional Engineer in Arizona or have the ability to obtain registration within six months of hire
- Proficient in the use of MS products.
- Strong communication, writing, and organizational skills
- Ability to work in a fast-paced environment with limited supervision while adhering to project deadlines

PREFERRED:

- Experience in Plumbing System Design is highly preferred
- Experience in executing business development strategies including initiating contact with existing and potential clients, identifying client needs and selling appropriate design services to meet those needs is highly preferable
- Desire and aptitude to grow clientele base
- Strong interview and presentation skills

RESPONSIBILITIES:

- Plans, organizes, and checks work, gives instructions and assistance, and makes technical decisions in connection with the supervision of the work of a group of designers and drafting technicians engaged in making complete designs, construction drawings, and specifications of major mechanical installations, such as heating and air-conditioning, ventilation, refrigeration, fire protection, plumbing, sewage collection systems, water supply and water purification systems, drainage systems, and steam generating plants.
- Writes technical specifications
- Prepares cost estimates of mechanical systems
- Conducts detailed inspections of construction operations in the field
- Conducts independent surveys covering installation, repair, and recommended improvements to mechanical systems
- Assist Business Development Department in identifying potential clients and/or opportunities.

- Prepare project resumes, project descriptions, project data information as requested by Business Development Department for use in proposals and marketing materials.
- Participate in project interviews and presentations as requested by Business Development Department.
- Assists Business Development Department in efforts to expand fire protection services offered by GLHN. Specialized marketing, as determined and directed by Business Development; of candidate's skills may be required.
- Assess client needs and be accountable for preparing project scopes of work and fee proposals
- Coordinate project scope of work and fee with in-house discipline (Architectural, Civil, Electrical), sub-consultants, and clients.
- Negotiate fee proposals with clients and sub-consultants.
- Organize and execute work plans for projects assigned by Departmental Manager.
- Review project budget and schedule objectives with Departmental Manager.
- Coordinate ongoing inter- and intra- departmental man power requirements with GLHN Department Managers. Modify work plans as necessary to adapt to dynamic corporate priorities.
- Coordinate sub consultant man power requirements
- Assess the impact of changes in project scope, prepare change order requests and negotiate change order amounts with client
- Perform technical studies and assessments as assigned by Department Manager.
- Travel to sites as necessary to perform field work, meet with clients or present information. Overnight travel out of Tucson can be required.
- Supervise work of junior engineers, drafters and clerical staff and subcontractors to provide quality product in a timely manner
- Seal technical studies and assessments as necessary to meet the requirements of client and/or the Arizona Board of Technical Registration
- Prepare phases of Construction Documents for projects assigned by Department Manager
- Participate in departmental efforts to improve specification, drawing, calculation and production standards as requested by Departmental Manager
- Participate in departmental efforts to educate and mentor junior engineers, designers and drafters

BENEFITS:

- We offer a competitive benefits package for eligible employees which includes sick, vacation, and holiday pay; medical, dental, and vision care; flex-spending accounts; paid short & long-term disability and life insurance.
- **GLHN is an Employee Owned Company via an ESOP** which means employees share directly in equity growth of the company.
In addition to an ESOP GLHN offers a comprehensive 401(k) program.
- We promote the opportunity for professional development by supporting education, certification, and development activities. Our wellness program aide's employees in maintaining or improving their personal fitness and overall well-being.
- GLHN is a flexible firm rooted in compassionate solutions. A positive work-life balance is essential to our employees well-being.

TRAVEL:

In State: 30%

Out of State: 15%

RELOCATION ELIGIBLE: Yes – Dependent on Qualifications; GLHN is committed to ensuring a pleasant transition for a candidate and his/her immediate family. Relocation would only be considered for candidates with a higher level of qualifications.