

Mechanical Project Manager

Job Description:

Our client is seeking candidates with a wide range of design and engineering experience with building mechanical and plumbing systems including domestic and sanitary piping design, HVAC and industrial duct design, DX refrigeration, hydronic distribution, air-handling equipment, central thermal plants, and fire protection.

The ideal candidate is an individual with the motivation and desire to excel within the consulting engineering field while embracing challenges as opportunities for personal and professional growth within the organization.

Typical work assignments center around facilities engineering and design projects of varying sizes within the educational, public works, water/wastewater, transportation, transit, government, and aviation industries.

Position Summary:

Responsible for delivering all project objectives for assigned projects including planning, scope, schedule and budget, team coordination, stakeholder communication, risk management, resource management, quality assurance, and reporting.

Essential Functions and Responsibilities:

- Oversee and perform engineering calculations and assessments to determine best practice mechanical design solutions for specific applications
- Conduct and lead field investigations, HVAC load studies, energy modeling, code reviews
- Oversee, produce, and provide quality control for mechanical/plumbing design documents (drawings and specifications) for bidding and construction
- Oversee the design and drafting tasks of junior engineering staff, and perform quality control review of design documents
- Coordinate project designs with client specifications and local, city, state code requirements, including interaction with code officials and permitting offices
- Navigate a variety of complex issues in both preparing mechanical designs and assisting the Owner/Architect/Contractor with construction issues in the field
- Serve as project manager on a variety of mechanically driven facilities projects of varying sizes and types
- Monitors schedules, budgets, accounts receivable and manpower requirements and prepares invoices
- Develop Project Management plans for assigned projects
- Establish project pricing and budgets
- Create and maintain project schedules
- Develop and maintain project specific quality plans
- Develop and coordinate project scope
- Participate in client presentations, coordination, and marketing efforts
- Oversee and manage assigned staff working on project, including internal mechanical team members, internal multi-discipline teams, and external subconsultants
- Development of extra work order requests and open-end contract task proposals
- Coordinate and assist Section Heads, Office Managers, and Practice Leaders with marketing proposals
- Lead and manage team members by providing leadership and continuous performance management (setting expectations, goals, feedback, 1:1 meeting, coaching) that supports the growth and development of team
- Provide proactive problem solving, self-initiative/motivating, ownership of responsibility, individual as first line of success/quality.

Tech Search Pros is an equal opportunity employer. All applicants will be considered for employment without attention to race, color, religion, sex, sexual orientation, gender identity, national origin, veteran, or disability status.

Required Skills:

- Excellent interpersonal and organizational skills
- Proficient verbal and written communication skills are necessary
- Willingness to embrace a broad range of project types and learn new requirements for a variety of mechanical systems
- Ability to thrive in a collaborative environment across multiple disciplines and geographic locations, with internal team members and external consultants
- Working knowledge of Revit, AutoCAD, and building load simulation programs (IESVE and Carrier HAP preferred)
- Understanding and application of building, energy, and mechanical/plumbing codes

Required Experience:

- Bachelor's Degree in Mechanical Engineering or Architectural Engineering from an ABET Accredited University program is required
- Must successfully complete and pass JMT's Motor Vehicle screening
- 12+ years' experience in specialized discipline
- Experience designing and specifying HVAC and plumbing systems of various sizes and complexities
- Working knowledge of Revit, AutoCAD, and building load simulation programs (IESVE and Carrier HAP preferred)
- Understanding and application of building, energy, and mechanical/plumbing codes.
- Professional Engineer (P.E.) License
- Proficient in Microsoft Office

Preferred Experience:

- CxA, BCxP or other commissioning certification a plus
- CAPM or PMP a plus
- Experience working with local clients at the local, state, and/or federal level
- Project management and business development experience
- Experience with multiple project delivery methods i.e. Design-Bid-Build, Design-Build, P3
- Experience managing multidiscipline project teams
- Experience designing and specifying industrial mechanical/plumbing systems and/or fire protection a plus

Working Conditions:

Work is performed within a general office environment 95% of the time. Work is generally sedentary in nature but may require occasional standing and walking. Lighting and temperature are adequate and there are no hazardous or unpleasant conditions caused by noise, dust, etc. within the office environment.

Field work is required on occasion where work may be conducted outside in heat/cold, wet/humid, and dry/arid conditions. Some lifting (up to 25 lbs.) may be required as needed.

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