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# TAS

## Technical Consulting

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### **Job Description – Project Engineer (Mechanical)**

#### **Position / Role**

TAS Technical Consulting (TAS) is seeking to hire a Project Engineer (Mechanical Engineering degree/background) and ~5+ years industry experience. Representative responsibilities include:

- Manage a portfolio of client projects (typically asset focused engagements to install, repair, redesign, expand, or remove mechanical systems and related infrastructure).
- Scope project deliverables per client requirements and operational / site constraints.
- Participate in field assessments and site reviews to identify potential engineering solutions and make recommendations for a preferred course of action.
- Develop Statements of Work and related Work Breakdown Structures for project deliverables to identify required tasks and assigned accountabilities.
- Complete/oversee design engineering (drawings, analysis, calculations, bill of materials) and related contract deliverables which are responsive to client expectations and needs.
- Review project design packages to ensure compliance with engineering principles, applicable codes, recommended work practices and industry standards.
- Resolve technical challenges and identify opportunities for doing things better and more cost effectively, while ensuring technical, operability, maintainability, reliability, and safety parameters are attained.
- Coordinate and provide technical support for permit, agency, and third-party approvals.
- Liaise externally with client, contractors, equipment vendors, service providers, utilities, and permitting agencies to progress projects from inception to start-up / completion.
- Evaluate prospective vendors and contractors, including writing Bid Instructions, hosting Bid Events, responding to RFP questions and preparing Bid Tab recommendations.
- Prepare Project Schedules and proactively manage Critical Path items.
- Prepare Project Execution Plans and coordinate Resource Loading with contractors.
- Develop Total Installed Cost Estimates / provide Value Engineering recommendations.
- Evaluate Risk Factors and prepare Risk Registers / Risk Mitigation Plans.
- Support TAS's leadership in managing business development and client relationships.
- Mentor and develop entry-level engineering professionals on the TAS team.

#### **Qualifications**

- Bachelor of Science – Engineering (Mechanical preferred)
- Professional Engineer license (optional, preferred)
- Master's Degree and/or Project Management expertise / credential (optional)
- Working mastery of CAD and specialized mechanical design / modeling software
- Track record of success (e.g., academic performance, design, industry experience)
- Proficiency with Microsoft Office suite (Excel, PowerPoint, Word) and MS Project

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### **Key Success Factors**

- Self-starter, with work schedule flexibility to meet commitment deadlines
- Team player, collaborative, motivated by collective success
- Command of engineering principles across disciplines (mechanical, electrical, civil)
- Adept at project management (estimating, scheduling, task progression, risk mitigation)
- Analytical focus, with strong attention to detail and task follow through
- Internally driven, with bandwidth to prioritize and manage multiple projects
- Confident, with aptitude for customer-facing and client relationship management skills

### **Work Location**

Position is based at TAS's office in Schaumburg, IL, with intermittent travel to client sites.

### **Application Submittal**

Interested candidates should send a letter of interest along with their resume to Aleks Dapkus at [a.dapkus@tastechnicalconsulting.com](mailto:a.dapkus@tastechnicalconsulting.com).

### **About TAS**

TAS provides project management and consulting services, with an emphasis on technical applications and engineered solutions. We work with clients across a range of industry sectors, both on oversight, design and implementation of capex and maintenance projects as well as advisory assessments involving facilities and operational assets (e.g., technical due diligence, reliability and operability evaluations, asset reviews, front end engineering and design studies, detail design, performance benchmarking, and project justification analysis).

We take an Owner/Operator's perspective on our client engagements, and we manage projects from concept and scope development to completion and commissioning. Our portfolio of work includes new builds, plant modernizations, commercialization and process scale-ups, office installations, repurposing facilities (buildings, spaces, and assets), system and equipment upgrades, capacity expansions, operational efficiency improvements, maintenance and repair projects, and decommissioning assets.

TAS is headquartered in Chicago's Northwest suburbs, and we have additional locations in Chicago and Wisconsin. We primarily work with clients throughout the Midwest, and we selectively complement that reach with targeted, strategic-fit opportunities across the U.S.

TAS's website is [www.tastechnicalconsulting.com](http://www.tastechnicalconsulting.com).