

CR/161418 | Senior Design Drafter

Job Information

Recruiter
JAC Recruitment Malaysia

Job ID
1623894

Industry
Other (Manufacturing)

Job Type
Contract

Location
Malaysia

Salary
Negotiable, based on experience

Refreshed
November 24th, 2026 10:18

General Requirements

Minimum Experience Level
Over 10 years

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
None

Minimum Education Level
Associate Degree/Diploma

Visa Status
No permission to work in Japan required

Job Description

Company Overview:

Our client is a global industrial processing company specializing in the production and processing of critical minerals used in clean energy, advanced technologies, and industrial applications. The organisation operates large-scale processing facilities and is currently strengthening its engineering and project delivery team to support international growth initiatives.

Job Responsibilities:

- Provide design and drafting services to project engineering staff as directed. Liaise with Engineering so establish design criteria and ensure that agreed targets are met in the delivery of drawings for schedule and budget.
- Execute 3D models and design drawings from basic engineering data, ensuring interface areas are accurately maintained and communicated. Produce all drafting work according to engineering specifications and parameters set out in project scope of works.
- Check, edit and modify all design drawings prepared internally and by vendors/consultants/subcontractors, ensuring suitability and compliance with all requirements.

- Calculate dimensions, material quantities and weights, and assist with preparation of project MTO's as required.
- Monitor progress and initiate remedial action where required.
- Cad system administration and customization, including setup of project drafting Mechanical, Structural and Mechanical Specifications as required.
- Manage the recording, control and storage of all documents, changes and drawings nominated by the project in accordance with company Policies & Procedures.
- Contribute to the maintenance and improvement of Drawing Office procedures and standards
- May provide services for simultaneous projects, prioritising workload in line with agreed schedules. Follows project procedures for design review and relevant checks
- Assist to build co-operative working relationships with internal clients, contractors, consultants and colleagues. Contribute to project and company initiatives to foster a cohesive environment and maximise each project's effectiveness
- Effective management of HS&E to ensure safe operations which comply with relevant HS&E Legislation and Standards
- Protect the Company's interest and property at all times and maintain confidentiality.
- Contribute to promoting a culture of continuous improvement in the workplace.
- Ensure own compliance with all relevant aspects of the Quality Assurance System and Quality Plans, as measured by audit compliance and successful resolution of System Improvement Requests (SIR's)

Job Requirements:

- Relevant qualification (Diploma or Certificate) in Drafting or Computer Aided Design, or similar
- Minimum 10 years' experience in structural, piping or mechanical drafting within the construction, mining, resources, manufacturing and chemicals industries. Experience working within a project environment, specifically Tier 1 Engineering Service Providers.
- Demonstrated practical industrial experience in Steel, Mechanical, Piping, Utilities, Buried Services and Layouts as required.
- Exceptional knowledge of 3D design software. Must be highly proficient in manipulating drawings and data in AutoCAD/ 2D & 3D and have knowledge of relevant discipline software packages.
- General knowledge and experience with how site related equipment works and interacts with other equipment.
- Demonstrated ability to manage a high quality workload, meet deadlines while maintaining accuracy and attention to detail.
- Ability to work in a team environment, maintain solid communication and good working relationships with colleagues, consultants and subcontractors.
- English fluency, verbal and written.
- Experience in layout and detailed drafting design of structures and foundations associated with materials handling and Wet Processing equipment within a minerals processing, power and/or chemicals manufacturing plant
- International Project and Specification/Standards Experience (specifically Australian and/or American)
- Experience with authority submission coordination and ensuring drawings meet relevant building requirements and local regulations
- Proficiency, or awareness, in one or more of Inventor, Solidworks, Tekla, Pro-Steel, StruCad, Advance Steel, Autocad Plant 3D, Hexagon Smart 3D Bently OpenPlant and/or Steel Fabrication Shop Detailing software

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#countrymalaysia

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Company Description