PROJECT MANAGER ENGINEERING

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| **Job Title** | **Project Manager Engineering II** | **Job Code** |  |
| **Position Title** | **Project Manager Engineering II – Electrical and Instrumentation** | **Job Family** | ENGINEERING |
| **Restrictions** | *New Orleans based* | **Grade** |  |
| **Date** | 3/11/2024 |  |  |

# Primary Purpose

Serve as the senior Electrical and Instrumentation Subject Matter Expert for PT Freeport Indonesia’s major site projects. Under limited supervision plan, organize, manage and evaluate electrical and instrumentation aspects of engineering projects and programs, ensuring the successful conclusion of all phases within an appropriate time and at appropriate cost.

**Essential Functions *% of Time***

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| 1. Serve as Subject Mater Expert to supervise or review, investigate and develop appropriate recommendations regarding electrical/instrumentation aspects of engineering projects.
 | 60% |
| 1. Supervise or may serve as Project Engineer/Manager or technical expert for the design of small/simple to large/complex construction, expansion or modification electrical/instrumentation engineering projects using sound engineering, data measurement & collection, calculations, analysis, interpretation and problem solving. Includes the responsibility of working with and reviewing work from other engineering disciplines.
 | 20% |
| 1. Provide guidance and counsel to the site management team on applicable programs, practices and existing/proposed local, state and federal regulations.
 | 5% |
| 1. Contribute to site strategic planning and budgeting efforts for designated engineering areas.
 | 5% |
| 1. Develop and/or review scopes of work, evaluate proposals, draft formalized internal requests for funding, and administer contracts with vendors for the provision of services and equipment as approved and required.
 | 5% |
| 1. Identify opportunities for improvements and determine associated value for risk reduction measures.
 | 5% |

# Requirements

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| ***Minimum*** |
| **Education and Experience:*** Bachelor’s degree in Electrical Engineering **and** seven (7) years of experience in engineering or related scientific field, including lead or supervisory experience, **OR**
* Master’s degree in Electrical Engineering and five (5) years of experience in engineering or related scientific field, including lead or supervisory experience
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| **Knowledge, Skills & Abilities:*** Advanced knowledge of the principles and practices of electrical engineering
* Demonstrate technical competence through engineering and/or operations experience in at least the following work areas: Distribution engineering LV-MV
* Proficient in MS Office and other engineering tools (CAD, analytical, mapping)
* Able to research and analyze information of considerable difficulty and draw valid conclusions
* Ability to travel to international job sites 15-25% of the time
* Skilled in managing the design of large/complex electrical engineering designs
* Ability to develop and maintain awareness of occupational hazards and safety precautions
* Skilled in following safety practices and recognizing hazards
* Skilled in supervising, evaluating, training and motivating employees and consultants
* Ability to communicate effectively, both orally and in writing
* Must be able to work in a potentially stressful environment

**Preferred Qualifications*** Advanced degree and/or Professional Engineering (PE) Certification
* Experience with cost estimating for electrical and instrumentation (control systems) projects, project scheduling and project controls
* Software: ETAP;
* Experience in Arc Flash analysis and mitigation
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# Physical Demands & Work Environment

* Work is manly in an engineering office but some travel and work is in a mine or processing plant setting in Papua Indonesia, which may include exposure to extremes in temperature and humidity, moving mechanical parts,.
* Personal protective equipment is required when performing work in a mine, outdoor, manufacturing or plant environment, including hard hat, hearing protection, safety glasses, safety footwear, and as needed, respirator, rubber steel-toe boots, protective clothing, gloves and any other protective equipment as required.
* Freeport-McMoRan promotes a drug/alcohol free work environment through the use of mandatory pre-employment drug testing and on-going random drug testing.

**The above statements are intended to describe the general nature and level of work being performed. They are not intended to be construed as an exhaustive list of all responsibilities, duties and skills.**