

# JOB DESCRIPTION

ID: EL-JD02

<b>Job Title:</b> Electrical Engineer	<b>Working Location:</b> Vung Tau/ Other
<b>Project:</b> Detailed Engineering	<b>Report to:</b> Engineering Manager / Lead Electrical Engineer
<b>Group organization structure:</b> <ul style="list-style-type: none"><li>Project Manager/Engineering Manager =&gt; Lead Electrical Engineer =&gt; Senior Electrical Engineer =&gt; Electrical Engineer</li></ul>	
<b>Job Purpose:</b> <ul style="list-style-type: none"><li>Providing day-to-day electrical engineering activities, and report directly to the Lead Electrical Engineer.</li></ul>	
<b>General Description:</b> <p>Directly reporting to Lead Electrical Engineer with the major responsibilities as followings:</p> <ul style="list-style-type: none"><li>In charge of the preparation of the deliverables as per project requirement and schedule in a cost effective manner when assigned by Lead Electrical Engineer.</li><li>Perform electrical specifications, datasheets, MR, calculations, equipment sizing, power analysis studies, diagrams &amp; layouts, drawings, etc.</li><li>Support the Senior Electrical Engineer and/or Lead Electrical Engineer in ensuring quality and delivery of electrical engineering design.</li><li>Ensure alignment with other disciplines on the development of electrical documents and drawings.</li><li>Assist the Lead Electrical Engineer in ensuring good quality design outputs as per appropriate international codes, regulations, standards, practices and relevant procedures.</li><li>Implementing other assignments as required by Engineering Manager / Lead Electrical Engineer.</li></ul>	
<b>Qualifications and Work Experience required:</b> <p><i>Qualification:</i> The jobholder should hold a Bachelor Degree or higher in Electrical Engineering.</p> <p><i>Experience &amp; Requirements:</i> The job holder should have the following:</p> <ul style="list-style-type: none"><li>Minimum 5 years of experience with electrical systems and equipment in engineering operation and maintenance, a minimum 3 years in Electrical Engineer roles for offshore oil and gas project design.</li><li>Good knowledge of electrical systems, system design and equipment specifications applicable to offshore facilities including but not limited to generators, transformers, switchgear, power</li></ul>	

management systems, UPS, Drive and Motors, Lighting, Electrical Heaters and Heat Tracing, etc.

- Good understanding of electrical safety and related regulations, codes and standards such as IEC, API, IEEE, NEMA, NFPA, ISO, etc., particularly electrical requirements relating to hazardous areas and offshore systems.
- Broad understanding of other aspects of facilities including process, instrumentation and structure as they relate to the electrical systems, is an advantage.
- Must be a skilled in using of AutoCAD, MS Office. Working knowledge with Lighting Calculation Software, Electrical Heater & Heat Tracing Calculation Software. Skills in ETAP would be an advantage.
- A good command of English both verbal and written.
- Have ability to organize own work and meet strict deadlines.
- Ability to work in team environment.

**Challenges (If any):**

- Multi-functional, and able to cope with diverse job demands.
- Coordinating work in multiple locations with different organization and multiple interfaces.
- Schedule pressure and workload for the design and procurement activity.

**Network interaction:**

*Influenced:* Engineering Team, Operation Department, HSE Department, QAQC Team.

*Influence:* Procurement Team, HSE.

**External parties:**

*Influenced:* Vietnamese Authorities, Certifying authorities.

*Influence:* Contractors, Vendors, Suppliers, Services companies.

**Assignment Duration :**