

Electrical Design Engineer (Oil & Gas)

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Company: DAT & Partners Consultant

Location: Abu Dhabi

Category: healthcare-practitioners-and-technical

Educational Qualifications:

Candidate with Bachelor's/master's degree in electrical engineering with minimum experience of 5 – 10 years in concept design, Feed and details design of EPC, Oil & Gas, Refineries/ Petrochemical plants.

Job Responsibilities:

. Preparation of Oil field building Electrical Service design basis & specifications, calculations. **Design electrical systems for oil and gas facilities, including power distribution, lighting, and control systems.**

Develop project specifications, including electrical load calculations and equipment specifications.

Indoor & periphery lighting calculation and lightning protection calculation including

Transformer Bay area lighting (using software specified/approved by EPC CONTRACTOR).

Design calculation of HVAC electrical equipment/SLD/cable sizing.

Lighting design/Calculation using AGi32 and as per project specification.

Lighting protection system design calculation and layout preparation.

Lighting and small power DB SLD,' Lighting and small power cable sizing, load

Schedule for building lighting and HVAC. Electrical small power layout shall include.

UPS/non-UPS socket layout also.

Detail electrical cable/conduit/trench layout for both Internal & external up to Tie-in Point. Building services cable//Earthling//Lighting/conduit/trench layouts shall be Coordinated by team with the layouts prepared by the EPC CONTRACTOR outside buildings.

Preparation of all Electrical drawings & design report / documents.

Detailed MTO of Electrical equipment for EPC CONTRACTOR's purchase.

Building layout drawings / cable schedule / interconnection/ Installations

Preparation of drawings and documents, if required, for pre-commissioning & Commissioning.

Preparation of Bus duct Supports design & routing (Indoor & Outdoor till Transformer Top Hat area.).

. FEED and Detailed Design Experience with EPC Contractor or with Design consultancy

Mandatory Experience:

Oil & Gas Field Experience Mandatory.

Immediate Joiner we required for this position.

No Salary Bar for right candidate.

Software Skills Required: Revit, AGi32, MS office, AutoCAD.

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