

## INSTRUMENTATION LEAD JOB DESCRIPTION

### RESPONSIBILITIES

- Acquires and understands the Project goals from Contract, specific documentation and the kick-off meeting.
- Contributes to define the Discipline list of activities, list of deliverables, time schedule, control of Discipline activities in accordance with Contract requirements.
- Produces a detailed list of in / out critical information to be closely monitored by PEM for a correct course of the project.
- Produces the methodologies / Design Premises comprehensive of all necessary data, general and specific design guidelines.
- Prepares and performs the Instrumentation design review.
- Ensures the achievement of assigned goals and the fulfillment of the project quality requirements and the contractual obligations.
- Takes any corrective action within the Specialists group necessary for this purpose or reports to PEM for more extensive problems.
- Calculates and monitors performance indicators in accordance with the technical instruction.
- Is the technical reference for Specialists and Designers and ensures the participation to the interdisciplinary activities.
- Monitors and reports actual progress / check for Discipline activities, including control of men-hours and delivered documents; particular care is required for sub-contracted activities.
- Coordinates the evaluation of the design changes to the original scope of work and verifies the implementation of those approved.
- Is aware and keeps track of all interface ( in / out ) information.
- Checks and signs all produced documents (internal or subcontracted) like design reports, technical specifications, drawings, etc.
- Attends to internal review activities and inter-discipline check meetings.
- Provides technical support to Project group.
- Reports to the Project staff and to the Client whenever required.
- Prepares the feedback dossier.

### REQUIREMENTS

- Bachelor of Engineering degree in Electronic, Electrical, Instrument/Control (preferred) with extensive experience (Min 4 years) of instrument design in all aspects of onshore/offshore production platform systems.
- Extensive experience in automation and instrumentation systems - including considerable practical experience in design and troubleshooting of electrical and instrumentation systems for onshore and offshore facilities.
- Experience with relay based logic panels, generic PLC/DCS operation, fibre optics, radio networks, multiplexer systems, CCTV, digital instrumentation, operator graphics displays, digital systems integration, would all be an advantage.
- Relevant hands-on delivery side project experience on Siemens/Rockwell/Honeywell/ Schneider/GE PLC or DCS systems would be preferred. Knowledge and experience in
  - Cross platform integration
  - OPC, ODBC, API for third party software integration

- Industrial IoT
- Experience of working as part of a multi discipline team for facilities engineering projects and/or offshore development projects.
- Domain knowledge in metals, mining, power, material handling would be added advantage.
- Drafting and reviewing cost estimates, input to budget submissions.
- Understand all technical drawings with the ability to read and write control software to modify control/protection schemes and strategies or to direct and instruct sub-suppliers of the same.

### **LOCATION**

- Kolkata. However job will require extensive travelling and long duration outstation stay.

### **REMUNERATION**

- As per experience

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