

Senior Instrumentation Engineer

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Company: PTS Advance

Location: Houston

Category: other-general

Job Summary: To work as an Senior Principal Engineer in the I&E Team. Roles, duties and responsibilities are listed below. Our client is Owners Engineer and looking for 2 Senior Instrumentation Engineers (Automation Lead and Telecom Lead):-

Automation Lead

Oversee ICSS engineering, fabrication, installation and commissioning.

Support 3rd party interfaces.

Interface with Operations

Telecom Lead

Oversee Telecom engineering, fabrication, installation and commissioning.

Marine Monitoring System (MMS).

Business LAN interface with client's IT Group.

Site ISP upgrade support.

Both positions are full time on a project hire basis (employed with full benefits for the duration of the project, expected to be through to end of 2026). Based at the Owners

Engineer office in Houston. May be occasional site visits to Canada in 2026. Possible opportunity to transition to client operations on a permanent basis thereafter.

Basic Functions and Responsibilities:

Acts as internal consultant to Owner's engineers and technical staff, suppliers, and EPC.

Applies sound and diversified knowledge of engineering principles and practices and carries out assignments which require the exercise of judgement and independent evaluation.

Assigned as sole project technical resource assigned to Owner's project lead.

Reviews all engineering work performed by EPC and supplier's including reviews engineering deliverables finished hardware, and field installation and functionality.

Checks drawings for conformity with design requirements.

Continually upgrades technical knowledge and capabilities.

Coordinates with other departments.

Develops or provides input to standard specifications and design standards.

Keeps Owner informed of any changes in staffing requirements.

Maintains a copy of the relevant sections of the project estimate and monitors need for change notices. Reviews submitted change notices.

Makes independent decisions and recommendations on engineering problems and methods that are recognized as authoritative and have an important impact on engineering activities.

Negotiates critical and controversial issues with top level engineers and officers of other organizations and companies.

Organizes work to comply with project requirements.

Monitors the work of engineers in programs of critical importance to the Company.

Ensure updates the Discipline Design Basis for a project are occurring.

Reviews material requisitions and technical input to subcontract packages.

Provides overall supervision.

Recognized leader and authority in the company in a broad area of specialization or in a narrow but intensely specialized field.

Reviews provides comments on drawing schedule. Makes man-hour forecasts.

Reviews other disciplines and vendor print intersquad drawings as required.

Uses advanced techniques and the modification and extension of theories, precepts and practices to solve problems.

Education:

BS in Engineering

PE preferred

Required Skills and Experience:

Typically 15+ years of experience.

Minimum 5 years Lead Engineer or Control Systems Lead Engineer in the Oil & Gas, petrochemical, chemical, refining industry on major projects.

Working knowledge of offline and inline Instrumentation/Analysers systems.

Solid knowledge of ISA, API, API-14C, IEC standards.

Experience with complete engineering, design, specification, procurement and testing of DCS/SIS/Fire and Gas systems.

Experience supervising, coordinating, and checking execution of engineering scope of work by contractor.

Lead experience of major projects

Experience in LNG projects a plus

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