

Position Title: Rotating Equipment Engineer

Reporting to: Engineer

Job Purpose: Experience in Design, Engineering and supervision on construction site of Rotating Equipment for onshore projects including Gas compressors of Centrifugal and Reciprocating type, Gas turbine generators, Compressor drive gas turbines, Steam turbine generators and compressor drives, Multistage pumps,

Process and water service centrifugal and reciprocating pumps along with Centrifugal compressor application engineering.

PMT (Project Management Team), PMC (Project Management Consultancy) and Procurement activities (Preparation of Mechanical Data Sheets, Mechanical Calculations, Equipment Specifications, Material Requisition, Technical Bid Evaluation, Technical Recommendation, Purchase Specification, Review of Vendor Data & Drawings), for Rotating Equipment & Packages in the field of Oil & Gas projects.

He/she is responsible for the quality and integrity of the Rotating Equipment of the SGCCUP facility and involves him-/herself with the day to day activities of the EPC Contractor by defining interfaces, resolving queries and interpreting owner requirements.

Project Status: Start of EPC phase. PMC will relocate to Design offices for the detail engineering of the Execution Phase, after which team will relocate to Uzbekistan (in Karshi) for the construction, commissioning and start-up stages. .

Key Responsibilities:

- ✓ Supervise Contractor's activities with regards to quality and schedule of the project.
- ✓ Review, comment and approve deliverables produced by Contractor-PMC-SGCC. The Documents/Deliverables for review/approval including Project Specifications, Mechanical Data Sheets, Material Requisitions, Technical Bid Evaluation Reports, Vendor Data and Drawings.
- ✓ Review Contractor's Deviation/Concession List for its acceptance or rejection.
- ✓ Attend various meetings, workshops like P&ID Review, HAZOP, HAZID, 3D Model Review, HFE etc.
- ✓ Coordinate with Contractor and the SGCC Line Department in order to resolve issues and concerns.
- ✓ Attend FATs for various equipment and packages at vendor's shop at domestic and overseas locations.
- ✓ Visit project site for verifying and closure of punch-list created during FATs.

Major equipment handled

- ✓ Recycle gas compressors (6 Centrifugal compressors (API 617), driven by Steam Turbines- API612)
- ✓ Many other pumps of OH2, BB1 type etc.
- ✓ Mechanical Packages: Glycol Dehydration, Nitrogen Generation, Instrument Air Generation, Chemical Injection, Vacuum System, Produced Water, Diesel Centrifuge, Fuel Gas, Potable Water Maker

- ✓ Scope can be adjusted depending on applicant's experience level.
- ✓ Clarifying OWNER Scope interpretations for the Licensors and EPC Contractor, thus, ensuring consistency of the relevant process units to the overall plant philosophies and standards, including local requirements.
- ✓ Ensure EPC Contractor process engineering work are implemented and completed in accordance with the scope, schedule and other contract requirements with quality of high standard and integrity.
- ✓ Developing an understanding of the overall plant to enable the assessment of impacts on the overall plant by decisions taken with the process unit's rotating equipment for which he/she is responsible.
- ✓ Develop input into Engineering Track Quality plan and identify critical areas for design verification consideration.
- ✓ Attending all process reviews, safety and risk reviews relevant to the specified units and to comment based on sound engineering competence
- ✓ Reviewing all technical documentation relevant to the specified units for quality, consistency and compliance to OWNER requirements.
- ✓ Ensuring that actions emanating from the technical reviews are addressed timeously and effectively to ensure that technical intent and integrity is maintained, with minimal cost and schedule impact.
- ✓ Give inputs in reviewing and evaluating any cost and schedule proposals received from the EPC Contractor and respective VENDORS involved with EPC scope

Education and expertise degree:

- ✓ Engineering or related degree (Must);

Codes and Standards

- ✓ Centrifugal compressors API 617
- ✓ Steam Turbines API 612
- ✓ Centrifugal Pumps API 610
- ✓ Lubrication, Shaft-sealing and oil-control System and Auxiliaries API 614
- ✓ Reciprocating Compressors for Petroleum, Chemical and Gas Industry Services API 618

Related experience required:

- ✓ Minimum of 10 - 12 years of project execution experience of large scale projects.
- ✓ Large / complex / international project experience.
- ✓ Experience in the chemical / petrochemical project environment
- ✓ Experience from the owner side as opposed to EPC or EPCm experience is preferred. However, both would be an asset.
- ✓ Experience in working with large EPC contractors.
- ✓ Execution experience is essential.
- ✓ Experience in working in a multi-cultural environment.
- ✓ Experience in technical reviews (PFD, P&ID, HAZOP, 3D Model) of large, complex facilities is essential.
- ✓ Special aspects

- ✓ International project management environment.
- ✓ Challenging schedule

General abilities:

- ✓ Well versed in English language, able to review and comment on technical documentation in English (must)
- ✓ Well-developed initiation, coordination and integration skills.
- ✓ Systematic and procedural.
- ✓ Good analytical and judgment skills.
- ✓ Dedicated with strong work ethics, enthusiastic and positive.
- ✓ Working in a multi-cultural team.
- ✓ Conflict management and resolution.
- ✓ Good communication, networking & negotiation skills.
- ✓ Ability to build and maintain relationships.
- ✓ Function Technical Skills
- ✓ Knowledge of the relevant project implementation models

Function Technical Skills

- ✓ Knowledge of the relevant project implementation models

HJK Consulting Engineers GmbH is an independent, multi-discipline consultancy service supplier in engineering & manufacturing, process & business consulting, operational services to mining, metallurgical, oil & gas industries, project implementation services (green & brown field, turnarounds), dual vocational training.

As member of International Project Management Association (IPMA), Austrian Association of Consulting Engineers (ACA, FIDIC & EFAC), Austrian Society of Engineers & Architects (OIAV) it is our self-conception that clients' will receive first class service in the fields of the company's activities

General information:

HJK Consulting Engineers core values are represented by

- ❖ **Clients Come First**
- ❖ **Diversity**
- ❖ **Expanding the Art of the Possible**
- ❖ **Integrity**
- ❖ **Partnership**
- ❖ **Respect for the Individual**
- ❖ **Shaping the Future**
- ❖ **Stewardship**
- ❖ **The Strategic Perspective**
- ❖ **Value Delivered**