

VACANCY ANNOUNCEMENT

Job Title: INSTRUMENTATION & CONTROL SYSTEM ENGINEER

Job Type: Full Time

Reports to: N+1: Head of Maintenance and Inspection
N+ 2: Field Operations Manager

Location: Tanga (prior site readiness location will be Dar es Salaam)

WHO WE ARE

The East African Crude Oil Pipeline (EACOP) project is a Midstream development located across Uganda and Tanzania that includes a nearshore Marine Storage and Export Terminal (MST). Once completed, the EACOP Company will operate the East African Crude Oil Pipeline, a 1,443 km long, electrically heated crude oil export pipeline that transports oil from Kabaale - Hoima in Uganda, to the Chongoleani Peninsula near Tanga Port in Tanzania for crude export to the international markets.

JOB DIMENSIONS/ GENERAL JOB DESCRIPTION

- The job holder assists and supports, within the Field Operation team for all the maintenance and inspection activities related to the ICSS (Integrated Control and Safety Systems), Instrumentation and Telecom of the future EACOP facilities. He is responsible for all aspects related to ICSS and Instrumentation during the maintenance and inspection engineering phase and shall bring assistance on this subject as and when required. During operation, he will support the maintenance needs of instrument, ICSS, and telecom including associated services company and contracts.
- The job holder will pay particular attention to the identification and the right definition of the performance standard of the Safety Critical Element in his perimeter.
- The job holder is also accountable for demonstrating individually an exemplary behaviour regarding HSSE rules & requirements, and for ensuring their application within his scope of responsibility.
- PI system Administrator for Field Operations. Manages PI sustenance and development to adequately cover rotating equipment, metering, and other requirements.
- OPEX: Cooperate with MAN head in terms of budget management for studies, ISS and modifications related to Service.
- Develops periodic reporting activities of the Discipline and follow them.

Operations:

- Recommends diagnosis & corrective actions related to major malfunctions and failures. Comments Contractor action plan and assess CONTRACTOR competencies and process to solve major malfunctions and failures. Support CONTRACTOR if required.
- Organizes and maintain instrument equipment database. Guarantee the quality of activity reporting, particularly through CMMS.
- Reliability: Responsible of COMPANY reporting regarding reliability improvement as a continuous practice to maximise plant availability; identify improvement opportunities in organization, facilities availability, and technical costs; represent progress in reliability meeting.
- Follow KPI's defined and attend / prepare for meetings, update dashboard upon requirement, provide action plan for reliability meeting...
- Develop positive and constructive relationships with contractors and suppliers. Identify opportunities to improve contractor/supplier performance, reduce costs and improve the quality of services/products supplied.
- Act as technical discipline focal point on specific project/work scopes and contracts, taking a lead role in the involvement/co-ordination of, and interface between, site/ teams/ contractors ensuring effective communication and understanding between appropriate parties.

Engineering Studies

- Proposes solutions to optimize the operating cost.
- Consolidates ICSS & instrumentation part of Software Modification workflow issued by site dealing with ICSS and instrument discipline.

Management:

- Ensures Instrumentation, ICSS and Telecom support teams cover the obligations in term of maintenance strategy update, performance monitoring, contract, and stock strategy. Define priorities to focus on delivering values matching with Field Operations Objectives.
- Produces, reviews guidance documents, procedure, standard related to his perimeters.
- Follows ICSS major maintenance & Update.
- Ensures implementation of operation and maintenance strategy based on FO objectives. Ensure management system is up to date and in line with the Area performance objectives. Recover any REX from Area and analyse KPI to set-up maintenance strategy accordingly.
- Assess and audit CONTRACTOR procedure managing material repair in workshop are well implemented to secure reliable tracking system, follow-up, and progress.
- Ensures CONTRACTOR stock management by technology in line with criticality study, capability to repair and availability objective.
- Optimization: Review and challenge CONTRACTOR maintenance plan on instrumentation and ICSS and do proposal to reduce downtime and cost to optimize cost VS running hours.
- Secure life cycle management of equipment / packages; implement studies and action plan to secure maintainability of the plants (obsolescence).
- Responsible for implementing and sustaining all cybersecurity solutions to guard industrial network against cyber-attacks.

DUTIES & RESPONSIBILITIES

In the context of teamwork and in the field of maintenance:

- Shares and provides reliability analysis, optimization, and availability of equipment in line with the production objectives.
- Prepares and manages Contract technical need for the Maintenance contract team to implement on time in line with operation readiness planning.
- Defines maintenance policies and ensure international rules and standards followed according to his disciplines.
- Participates and updates REX and recommendation for future contract as EACOP strategy.
- Participates to contractor and subcontractor audits.

- Regular site visits.
- Adequate maintenance plans for related equipment and evidence of execution via CMMS
- Adequate material replenishment plans and effective liaison with C&P to always ensure required stock levels.
- Effective execution of assigned contracts.
- Availability, reliability, and obsolescence management of Instruments/PLC/ICSS/Metering systems.

HEALTH, SAFETY & ENVIRONMENTAL RESPONSIBILITIES

EACOP is committed to ensuring that the health, safety and welfare of workers, communities, and the environment are well addressed and managed. Therefore, the employee is mandated to:

- Fully complies with Company H3SE (Health, Safety, Social, Security & Environment) policies and Life Saving Rules.
- Actively participates in HSEQ and promotes this culture to co-workers.
- Remain vigilant and maintain continuous awareness of potential unsafe conditions.
- Communicates to management any HSE related concerns and ways to improve them.
- Maintains a workplace & workspace that is safe, clean, and always neat – practice good housekeeping.

QUALIFICATIONS / EXPERIENCE REQUIRED

Academic Qualifications:

- Engineering Bac +5 level with specialization in ICSS or Instrumentation, or equivalent proven experience (Engineer)
- Industrial information security system training.
- ERB Registration as a Professional Engineer.

Experience Required:

- Experience in instrument and ICSS maintenance and management (over 10 years), competence in cyber security, oil/Electric/production/terminal knowledge ...

- Experience in industrial maintenance (over 8 years) and maintenance methods.
- Experience in team management.
- Very good knowledge of Instrumentation and Fundamentals of Legal Metrology in metering of petroleum products.
- Reliability, autonomy, analytical, organizational capacity, and leadership.
- Sense of method, flavor analysis, rigor, and organizational skills.
- Proficiency in English, both spoken and written.

HOW TO APPLY

The applicant must submit his/her Curriculum Vitae CV and a Cover Letter explaining why he/she is the suitable candidate for the position. Applicants are also required to provide details of three (3) referees one of whom should be the most recent employer. **Please submit your application only through ANY of the contact information provided below. Application deadline is on 31st October 2024.**

Air Swift: airswift.com

CCL: tanzania@cclglobal.com

IMI: imi-tanzania@imi-eag.com

ITM: recruitmenttanzania@itmafrica.com

Qsourcing: recruitmenttanzania@qsourcing.com

Seaowl: sestz@seaowlgroup.com



NOTE: No payment is required at any stage of the recruitment process.