VACANCY ANNOUNCEMENT

Job Title: TELECOMMUNICATION ENGINEER

Reports to: N+1: Head of Maintenance and Inspection,
N+ 2: Operation Director

Job Type: Full Time - Day time 5d/w - with regular week on duty.

Location: Tanga-Back office Frequent travel toEACOP site(s). (1st period expected at Dar es Salaam office)

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 Telecommunication Engineer will be managed by the Head of Maintenance and Inspection. Telecommunication Engineer will oversee the communication equipment and systems maintenance activities for all EACOP sites. The Telecoms Engineer will be subject to travel to remote sites.
EACOP Telecommunication engineering equipment types are mainly:
- Marine (VHF) Radios and Marine Telecom systems as Berthing Aids system.
- Public Address & General Alarm Systems (PAGA)
- Fiber Optic Communication Network System & Ethernet.
- All telecommunication systems equipment such as computers, system software and hardware & cabling.
- CCTV, PABX, LAN, WAN, VSAT, UHF, VHF, microwave, routers, switches, Intrusion Detection System (IDS) and Ethernet telecommunication systems.

DUTIES & RESPONSIBILITIES

In accordance with policies and procedures in place in EACOP, The Warehouse & Stock Officer is responsible for:

- Executes/Ensures all Preventive Maintenance (PM), Corrective Maintenances (CM) and major maintenance activities (both planned and unplanned), maintenances of telecommunication system equipment to ensure efficiency and integrity of the telecom equipment.
- Performs modifications and changes required on the telecommunication system to correct all deviations to the allowable ranges (if any).
- Provides a range of services and engineering solutions revolving around different modes of communication and information transfer, such as wireless telephony services, radio and satellite communications, internet, and broadband technologies by ensuring the quality of connections to allow for seamless data and voice transmission are reached.
- Contributes to the development of new telecommunication systems, design or maintenance standards as required using external consultants as required.
- Assists in ensuring the telecom system complies with industry safety, reliability standards and regulatory requirements.
- Contributes to security network obligations related to compliance in relation to all technical requirements, regulations, and legislation certification.
- Conducts Telecom computer diagnostics to investigate and diagnose hardware and software problems.
- Replaces defective components and provide technical assistance/solution.
- Performs data backups and maintain an inventory of communication system equipment spare parts for emergency repairs and normal maintenances.
- Establishes telecom system recovery procedure. regular test or drill to organized as to test the procedure.
- Responsible for understanding and complying with all policies, procedures, and local authorities' regulations relating to the telecommunications.
- Analyzing and testing communication networks for reliability, signal quality, error rate and ranges.
- Completes and submits required frequency coordination forms, Local Regulatory Authority (i.e., Tanzania Communications Regulatory Authority - TCRA) radio frequencies license applications & renewal, and use permits to allow marine radio and microwave communications to take place in accordance with local regulatory authority requirements.
- Prepares radio propagation charts for internal and external client agencies to
- Depict radio coverage on existing or test sites of interest.
- Monitors telecommunications systems to assess the need for updates, upgrades, enhancements, obsolescence, preventive maintenance and/or new systems.
- Performs root cause analysis/troubleshooting and ensure continuous updating of company telecommunication assets and configuration management systems are of high integrity.

- Configures and maintains routers, switches, and hubs for the enterprises' telecommunication network.
- Perform performance fine- tuning and preventive maintenance on network devices, establishing performance thresholds, monitoring performance, and diagnosing and correcting network slowdowns or congestion.
- Prepares RFQ, Technical Bids Evaluation as required. Review the ITB (Invitation to Bid) documents submitted and evaluating and procuring new products and services from vendors.
- Acting as a liaison to telecommunication vendors to maintain critical systems and equipment.
- Work closely to ICT and Instrumentation maintenance engineer during telecommunication system intervention such as fault finding/troubleshooting.
- Ensures a high standard of housekeeping and safe work practices in and around the plant and pipeline facilities.
- Ensures that maintenance activities are performed in strict compliance with COMPANYs current safety rules and operating procedures and in accordance with best industrial practices/standard. Thereby guarantee the quality of the maintenance operations conducted on Site by the Contractor and outside agents.
- Assists in the Preparation of TORs and BOQs for procurement of suitable contractor or consultants for the outsourced maintenance services regarding telecommunication system equipment, works or procurement of goods and spare parts.
- Assists in the preparation of the annual departmental budget for the telecommunication engineering unit.
- Participates in Maintenance Campaign Activities during routine planned or emergency maintenance of campaign zone area and ensure it is done safely and efficiently.
- Preparation of weekly, and monthly maintenance reports and prepare periodic or specific of reporting of the maintenance activities under his/her responsibilities.
- Preparation and updating Standard Operating Procedures (SOP's) for telecommunication systems equipment maintenance and operations.
- Manages sub-contractor for maintenance and inspection of telecom systems.
- Assists in preparation of work pack and end of test report upon completion of job as per client requirement.
- Promotes and implement the company safety, health, and environment policies.
- Contributes to HSE performance in line with EACOP objectives.
- Performs any other duties relevant to the scope of work that may be assigned by supervisor.

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:
- BSc. Degree in Telecommunications engineering/ Electrical Engineering/ Instrumentation & Control Engineering/Computer Science & ICT or equivalent qualification from a recognized institution.
- Proficiency in Oral and written English.
- ERB Registration as a Professional Engineer.

Experience Required:
- Not less than 5 years of experience in Oil & Gas industry, Telecom or a high potential working as Telecommunication engineer.
- MS office good experience.
- CMMS experience/knowledge.
- Experience on plant security systems like Video Access Surveillance System, Access Controls and Identification Management System or Intrusion Detection System (IDS).

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.