

Job Description	
JOB TITLE:	
Mechanical / Rotating and Static Equipment Specialist	
POSITION IN THE ORGANISATION	
<p>Report to : AGI CONSTRUCTION SITE LEAD</p> <p>Direct subordinates (number): 0</p> <p>Job Location : The position will be based at Job Site Location in Tanzania with temporary mission abroad to follow piping & Steel structural prefabrication up the end of 2025.</p>	
MISSIONS / JOB DIMENSIONS	
<p>The East African Crude Oil Pipeline (EACOP) project is a major regional infrastructure project (Capex: 3.6 G\$, OPEX:>2.5G\$ over 25 years) between Uganda and Tanzania coast, opening a new value corridor between the two countries. The EACOP project development comprises of the detailed engineering, construction, operation and maintenance of the corresponding facilities.</p> <p>The contracting strategy entails 9 main packages (EPcm, EITS, Thermal Insulation, Line-pipes, LLIs POs, AGI stations, Pipeline and Marine Terminal – MST, and PV Farms) to be executed through 15 to 18 different direct main contracts. An EPcm contractor will be in charge of Detailed Engineering, Procurement and construction management support interfacing will all other contractors for the project.</p> <p>EACOP direct personnel, including partners' secondees, mobilized in UK, Tanzania and Uganda will be more than 600 at peak periods during the execution phase of the project and up to 8,000 to 10,000 personnel, contractors inclusive, who will be mobilized across the various sites for construction activities.</p>	
ACTIVITIES	
<ul style="list-style-type: none"> Directly supporting EACOP & the CONTRACTORs ensuring delivery of the pipeline and associated AGI, MST facilities and EITS infrastructure are on-time and to budget. Implement, use, and communicate safe work practices on and off the Project Sites. Mentor exemplary behaviour regarding Project H3SE policy. Support CONTRACTOR Construction Engineering in accordance project requirements and procedures. Assist CONTRACTOR for the correct interpretation of the drawings, providing support in the solution of technical problems. Along with Field Engineering, check CONTRACTOR method statements and work procedures. Coordinate and monitor work fronts to achieve project schedule and progress objectives. Ensure that all equipment (static and rotating) are stored (Preventive maintenance prior to and during erection) maintained, installed, tested and commissioned in accordance with the applicable codes, specifications, drawings and mechanical vendors documents. Together with the Site Quality Manager, coordinate the required inspections and testing ensuring that hold points of the ITPs are witnessed. Validate equipment lifting and transportation studies. To monitor the mechanical site vendors in term of: Cost, schedule, achievement, performance. Coordinate problems and solutions between site Construction Contractor, the field engineers and the mechanical site vendors. Analyse additional work and modifications to determine the cause and propose the solution to be implemented. Manage work acceptance operations and follow-up of the punch lists. Ensure that the completion, the validity and traceability of documents included in the Construction Contractors as built documents is checked. Assist the Pre-op and Commissioning group. Ensure that the equipment's are followed as per the Manufacturer recommendations. 	
CONTEXT AND ENVIRONMENT	
<ul style="list-style-type: none"> The EACOP project includes a 1445km 24in main oil export pipeline, 8 above ground facilities [AGI: including 6 pumping stations (PS-1 thru 6) and 2 pressure reduction stations (PRS-1 and 2)], a green field Marine Terminal (MST) with an export jetty and Load Out Facilities (LOF) and a series of main line block valves (MLBV) and a long line heat trace (LLHT) heating system. Approx. 150km of feeder lines from Upstream facilities from Tilenga and Kingfisher fields will tie-in to the EACOP project. EACOP is developing the Tilenga Feeder line on behalf of the Tilenga Project. The EACOP Pipeline project will be the largest privately led with Government participation transnational infrastructure project ever undertaken in East African region. The project overall tonnage is estimated at 500,000t of material and equipment; Behind the numerous technical (the longest electrically heat traced pipeline in the world), environmental and social challenges faced by the project, Government of Uganda and Government of Tanzania agreed to develop EACOP project in a fast track mode. The project is aiming at a Ready For Start-up (RFSU) schedule not later than 39 months after FID; The context is complex with numerous stakeholders, environmental and societal / local content stakes, three partners, two involved countries new to oil development (Uganda and Tanzania), and the need for project development in accordance with IFC standards to secure the necessary financing; In the current context of low oil price the project needs to be developed with low CAPEX & OPEX to support the economics and enable FID while maintaining the technical quality of the installations, with high H3SE requirements and focus. 	

ACCOUNTABILITIES

- Review validity of any Contractors extra works request and pay particular attention to the supervision of the relevant activities.
- To ensure compliance with the applicable codes, practices, policies, performance standards, and specification .
- Assist QS for measure the physical progress of the works in charge on a daily/weekly basis for progress report issue.
- Make sure that the Contractor submits his daily reports regarding equipment and manpower and carefully check that information are correct and comply with the agreed procedures.
- Proactively undertake and promote the use of behavioural and incentivised HSE work programmes, and campaigns
- Ensure all quality control checks and tests are instigated, with records maintained and available as required, all in accordance with contractors' agreed ITP, method statements and project specifications
- Ensure contractors follow approved procedures, plans and method statements.
- Ensure the most current design documents are used to complete the work and that all design changes are approved prior to implementation.
- Ensure that all construction milestone dates are completed as scheduled.
- Ensure that all construction activities meet quality and workmanship standards.
- Ensure required permits are in place prior to the start of the work at site.
- Prepare reports and forecasts, including summary of construction progress.
- Coordinates activities with other disciplines or areas, as instructed by project management.

QUALIFICATIONS AND EXPERIENCE REQUIRED

- Degree in Technical Diploma or Mechanical Engineering or relevant qualification combined with extensive field.
- A minimum of 10 years greenfield site construction experience in Oil & Gas or Hydrocarbon projects
- A minimum of 5 years as Mechanical Superintendent.
- Competency within industry applications such as MS Office; Word, Excel, PowerPoint, Visio
- Strong knowledge of mechanical installation and alignment.
- Strong technical knowledge of Mechanical communication protocols and architecture.
- Knowledge of related industry Codes and Standards – API (610, 617, 618, 682, etc.), ANSI (B73.1, B73.2, B16.5, B31.1, B31.3)
- Demonstrate proficiency in the interpretation of engineering drawings, plans and specifications.
- Understanding of critical path and key milestones within the construction planning programs.
- A high focus on identifying and meeting the key project deliverables and objectives.
- Advanced written and spoken English.
- Effective leadership, communication, negotiation, problem-solving, planning and organizational skills for managing multiple tasks.
- Previous experience working with multicultural contractors' and reporting their performance.
- Autonomous, self-motivated, and flexible with the ability to adapt quickly to change or shifting priorities.