

## *Job Description*

### JOB TITLE:

## AGI PIPING SPECIALIST

### POSITION IN THE ORGANISATION

**Report to : AGI CONSTRUCTION SITE LEAD**

Direct subordinates (number): 0

### MISSIONS / JOB DIMENSIONS

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.

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.

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.

### ACTIVITIES

- Control safety during construction, and permanently remind Contractors to respect safety procedures supervisors have also full authority to suspend works in case of safety regulations are not observed.
- Get good knowledge of all the construction specifications procedures and schedules
- QAQC oriented, able to follow both construction/precommissioning and quality processes and standard
- Must have knowledge and understanding of the piping phase of prefabrication and Oil & Gas piping construction operations at the jobsite
- Report to the AGI CONSTRUCTION SITE LEAD any difficulties that might prevent the construction targets being achieved (lack of drawings, specifications or material, interference by other Contractors, incongruence in the plans and schedules, environmental/social problems particularly in the work areas, etc.)
- Supervise the activities of the Contractor by checking the availability and maintenance status of construction equipment and also the correct use of equipment and manpower.
- Give technical support to Contractor with the aim of facilitating the quick and economical execution of the works.
- Give the Contractor all the explanations needed for a correct interpretation of the engineering documents.
- Verify that the works are performed with the required quality level and that the Contractors are performing Quality Controls as required.
- Before any new construction activity begins, make personally sure that everything needed for the proper performance of that activity is actually available on site (i.e. availability of materials, manpower and equipment, electrical power and absence of any kind of impediment) and report any deficiencies or impediments to the AGI CONSTRUCTION SITE LEAD.
- Monitor the implementation of all works as per good engineering and construction practice.
- Keep in closed contact with the AGI CONSTRUCTION SITE LEAD, Field Engineer and the Site Quality management Organization in order to supply them all the information needed for proper planning of quality control and document. Collaborate with them when revising and updating construction schedules.
- Verify that the works proceed in conformity with the construction schedule, and report any deviation to the AGI CONSTRUCTION SITE LEAD
- Supervise mechanical completion and plant turn-over and make sure that the "punch-lists works" are performed correctly and rapidly.

### CONTEXT AND ENVIRONMENT

- 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.
- **Job Location** : The position will be based at Job Site Location in Uganda or Tanzania with temporary mission abroad to follow Piping & Steel structural prefabrication up to the end of 2025.

#### 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 specifications such and not limited to ASME, ASTM, ANSI, API, NEMA .
- 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 for underground and above ground GRE/HDPE/CS/SS , hydrostatic testing, flushing and drying, safety relief valve installation , 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: BSc (or equivalent formal qualification, i.e degree/diploma in mechanical or a related Engineering)
- CSWIP 3.1 - Welding Inspector and NDT Level 2 certification is preferred
- Qualification in Coating such as NACE, BGAS etc. is preferred
- Conversant with all NDTs techniques
- Fully aware and experienced of all applicable codes, policies, standards, and best practices for piping installations of stations / AGI's used in the Oil and Gas Industry
- Good interpersonal and communication and motivational skills, Team player, the ability to work with multiple disciplines and in a multicultural environment.
- Fully conversant in English (speaking and with excellent writing skill)
- Excellent computer literacy and knowledge of design and visualization software.
- Demonstrate project management and supervision skills.
- Excellent organizational, time management, leadership, and decision-making skills.
- Working knowledge of applicable codes and standards (ASME, ASTM, ANSI, API, NEMA)
- Prefer experience on large scope

- Minimum 10 years' experience in Large Scale Project in mechanical, structural and piping installation including large/small bore, piping systems and instrument supports, equipment setting, steel structure fabrication and erection.
- Attention to detail and high level of accuracy
- Analytical and problem-solving skills
- Ability to travel as and when required