

<b>JOB DESCRIPTION</b>	
ENTITY: EACOP PROJECT TEAM AND EACOP LTD	REF:
<b>JOB TITLE</b>	
<b>EACOP – INTEGRATED CONTROL AND SAFETY SYSTEMS (ICSS) ENGINEER</b>	
<b>POSITION IN THE ORGANIZATION</b>	
<b>REPORT TO: EACOP PROJECT COMMISSIONING MANAGER</b> <b>JOB LOCATION: Swiebodzice - Poland (1 year), Batam - Indonesia (1 year), and then Tanga - Tanzania (8*2 rotation). This is 1-year renewable contract as per the location.</b>	
<b>MISSION AND JOB DIMENSION:</b>	
<p>The ICSS Engineer is responsible for the supervision of the ICSS/SCADA manufacturing at EITS Contractor production facilities (Poland). He will ensure quality of fabrication and assembly of ICSS cabinets. He is the focal for the ICSS software configuration, liaising and coordinating all involved parties. He will manage and supervise the proper assembly and integration of ICSS/SCADA cabinets within their E-houses at Batam (Indonesia). During Pre-commissioning &amp; Commissioning phases, he will join the in-country commissioning team (Tanga, Tanzania) and will follow the Project Completions Framework to deliver a seamless facility testing, commissioning and start up process that focuses on the end user. The ICSS Engineer is responsible for accepting the ICSS/SCADA into service, ensuring all pre and post energization checks are completed utilizing the approved test records. He will coordinate vendors in the testing and tuning of equipment, and other equipment as required. The incumbent will support all the commissioning activities from the Control Room while maintaining the highest vigilance for Health, Safety, and the Environment (HSE).</p>	
<b>ACTIVITIES:</b>	
<ul style="list-style-type: none"> <li>• Implementation of the Project safety management systems during the planning and execution of Pre-commissioning, Commissioning and Startup project phases, adapting them to the specific needs and unique risks</li> <li>• Responsible for HSSE performance for all personnel and facilities under their control</li> <li>• Responsible for overseeing the manufacturing of ICSS/SCADA cabinets at SE Poland, who is the subcontractor of SE Egypt, who is responsible for designing the ICSS/SCADA cabinets and coordinating with EACOP INS/ICSS Lead.</li> <li>• Key role in facilitating the coordination of ICSS logic configuration between EPmC and ICSS supplier.</li> <li>• He will be closely overseeing the internal Factory Acceptance Test (FAT) for the ICSS/SCADA hardware.</li> <li>• Attend ICSS/SCADA HW and SW FAT/IFAT sessions.</li> <li>• Supervise and witness the EITS E-house assembly and pre-commissioning activities in Batam, Indonesia.</li> <li>• Participate in the development and implementation of detailed execution plan for non-energized, energized testing activities, including schedule and budget fully integrated with the project schedule and budget including: <ul style="list-style-type: none"> <li>○ System and sub-system scoping</li> <li>○ Pre-Commissioning procedures</li> <li>○ Commissioning procedures</li> <li>○ System testing procedures</li> <li>○ FAT &amp; SAT coordination</li> <li>○ Commissioning Raw materials, intermediates and spares list</li> <li>○ Functional Loop checks of system Instrumentation</li> <li>○ Function checking of actuated valves.</li> <li>○ Redline AFC drawings</li> <li>○ Facilitate test equipment calibration and certification verification.</li> <li>○ Assembling Loop Check field packages</li> </ul> </li> <li>• Ensure compliance with engineering procedures, codes, standards &amp; approved codes of practice.</li> <li>• Review &amp; approval of all Instrument engineering documents created by the contractor for commissioning.</li> <li>• Provide input into project plans and schedules, achievement of agreed schedule.</li> <li>• Develop Instrument I&amp;C commissioning staff Mobilization Plan</li> <li>• Promote safety and environmental awareness through inductions, training, inspection, and promotions.</li> <li>• Assist in investigation all incidents/accidents and near misses and present reports accordingly.</li> <li>• Monitor the Contractor's Instrument equipment installation and pre-commissioning activities and ensure these are executed in accordance with the project HSE, technical specifications, quality standards and procedures defined in the contracts.</li> </ul>	

- Monitor material and equipment delivery and ensure storage, preservation and maintenance are performed and recorded, in line with vendor requirements.
- Review and comment on the Contractor's documents on Instrument equipment including method statements, ITPs, work procedures and practices.
- Prepare relevant Instrumentation equipment/system commissioning/energization and testing procedures.
- Ensure that the Instrument pre-commissioning and commissioning activities are properly organized, scheduled and conducted in a structured and safe manner, to test and certify that the installed equipment/systems, comply with the agreed performance parameters indicated in the design documents and specifications.
- Responsible for the ICSS Commissioning team and to oversee training, competency, and supervision of personnel.
- Responsible for the safe and timely execution of all Commissioning activities and integration of these activities with both Project and Operations
- Interfacing and coordination with the DCS & Automation Commissioning Coordinator
- Proactive in the promotion of HSSE at site, supporting the Management Team and HSSE teams.
- Report daily progress and work scope completion ensuring all issues, identified risks and concerns are clearly communicated and addressed.
- Leads daily execution kick off meetings and toolbox talks.
- Cooperate and support the Operations team in the execution of Start-up activities

#### CONTEXT AND ENVIRONMENT:

EACOP project includes a 1,445km 24" oil export pipeline, 8 above ground facilities, a green field marine terminal with an export jetty and a series of 60 main line block valves and +20 trace heating stations. 150km of feeder lines from Upstream facilities will tie-in to the EACOP project. The project contracting strategy entails 8 main packages to be executed through 15 different main Contracts. An EPCmC Contractor oversees Detailed Engineering, Procurement, and construction management support interfacing with all other Contractors. EACOP direct personnel, including partners secondees will be more than 600 at peak periods during the execution phase of the project and up to 8,000 to 10,000 personnel, when including Contractors, expected to be mobilized across the various sites for construction activities. The pipeline project will be the largest privately led with Government participation transnational infrastructure project ever undertaken in the East African region. 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.

#### ACCOUNTABILITY:

- Ensure compliance with Tanzanian rules, regulations, shareholder and governmental agreements, and standards relevant to project activities and project implementation in compliance with requirements in construction deliverables and site activities.
- To ensure compliance with project requirements and regulatory frame in pipeline construction related activities.
- Supporting and coordination EACOP project teams.

#### QUALIFICATIONS AND EXPERIENCES REQUIRED

- Degree: engineer (or equivalent formal qualification) in a recognized Instrument and Control discipline.
- Minimum 10 – 20 years of experience in Oil & Gas industry with similar large-scale projects & environment as ICSS Engineer.
- Must exhibit a strong track record of completion and success in delivery of commissioning and projects safely.
- High skills and competence in Control System Engineering and Commissioning.
- Ability to work in a multi-cultural business environment.
- Good interpersonal and communication skills.
- Strong leadership and communication skills
- Fluent in English (speaking and writing)