

REQUEST FOR EXPRESSION OF INTEREST FOR THE PROVISION OF LIGHTNING PROTECTION SYSTEM

– REF. 220118-LPS

Worley Europe Limited as EPCm Early Services Contractor for EACOP Project invites experienced and reputable Contractors to express their interest in providing Lightning Protection system and associated material for installation in both Tanzania and Uganda for the East African Crude Oil Pipeline (EACOP) Project.

The Republic of Uganda, the Uganda National Oil Company (UNOC), the United Republic of Tanzania and/or Tanzania Petroleum Development Corporation (TPDC), as well as other international oil companies partaking in the development of Exploration Areas 1, 1A, 2 and Kingfisher Discovery Area in the Albertine Graben in Uganda or their affiliates will participate in the implementation of the EACOP Project (Potential Pipeline Participants).

The EACOP Project development involves the engineering, construction, operation and maintenance of a crude oil export pipeline crossing Uganda and Tanzania and an onshore Marine Terminal in Chongoleani, near Tanga Port in Tanzania.

BRIEF DESCRIPTION OF THE SCOPE OF THE MATERIALS

The EACOP requirements for a lightning protection system includes the following five parts air terminals (lightning rods), conductors, ground connections (electrodes), bonding, and lightning arrestors.:

- **Air terminals:** Air terminals shall be metal rods for installation Building and tall structure. The air termination rods shall be available in Copper, AL or GI. Solid copper rods. Horizontal air termination shall be flat metal strips of Copper, Aluminium or GI.
- Air terminals shall include types as single spike self-supported, wall mount, or angled air termination with all various types of mounting base.
- The connecting components of lightning protection installations like different types of clamps, Test links for ground connection, connectors required for exposed Lightning protection system complete with crimping, bolting thermo-welding accessories.
- Various types of metallic and insulated conductor

fasteners suitable for air termination and horizontal conductors and shall be able to customize as per the application requirement and type of installation. All components shall be complied and tested as per IEC 62561-4.

- Lightning strike counter or lightning strike tracker required for automatic recording of the number of lightning strikes. These devices shall be suitable or outdoor installation Min. IP66, with min. strike current 1.5kA, electromechanical counter with digital display. Device shall be tested to IEC 62561-6

The scope will include design, sourcing of material, manufacturing, assembly, packaging, supply of drawings and data, all sub-vendors co-ordination, factory testing, delivery FCA vendor and guarantees.

MINIMUM REQUIREMENTS:

Companies expressing their interest are invited to document their request with:

- A commitment to and evidence that they have experience in developing local / national content value.
- Confirmation that they can manufacture Lightning Protection equipment in accordance with IEC 62305 standards.
- An experience list for similar equipment supplied to the Upstream Oil and Gas market in the last five (5) years.
- A copy of their own and main suppliers ISO 9001:2015 and 14001:2015 & OHSAS 18001 (ISO45001:2015) current certification.
- Extracts from their Supply Quality Management Procedures, showing how material quality control is implemented in the supply chain and identify what positive material identification is implemented through the manufacturing process.
- A two (2) years look ahead shop loading charts for the facilities intended to manufacture, assemble and test.

Interested companies which meet the minimum requirements and have the capacity to provide the goods listed above should express their interest by sending together with the above listed documents an email to EACOP-supplierinfo@worley.com (**Max. Email Size: 20 MBs & All documents must be submitted in the English language**) on or before **12 noon London Time, on 18th February 2022.**

Companies satisfactorily meeting the above minimum requirements will receive, subject to the signature of a Non-Disclosure Agreement (NDA), a detailed pre-qualification questionnaire for further evaluation by Company.

EACOP project reserves the right not to consider companies that submit an incomplete dossier.

Note: Only pre-qualified companies will receive an invitation to submit their bid in furtherance of the Call for Tender process.