

## REQUEST FOR EXPRESSION OF INTEREST FOR THE PROVISION OF LOW VOLTAGE CABLES PACKAGE – REF. 190212

WorleyParsons Europe Limited as EPmC Early Services Contractor for EACOP Project invites experienced and reputable Contractors to express their interest in providing Low Voltage Cables Package 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 the Low Voltage Cables Package shall include, but will not necessarily be limited to the supply of:

- 0.6/1kV single and multicore power cables, and 450/750V multicore control cables
- Cross sectional area: from 2.5mm<sup>2</sup> up to 400mm<sup>2</sup>
- Cable Construction: To IEC 60502-1 / IEC 60227-1
- Voltage: U<sub>o</sub>/U(U<sub>m</sub>) as defined in IEC 60502-1 and IEC 60227-1.
- Conductors: Cable conductors shall be of either Aluminum/Copper, round and stranded to IEC 60228.
- Conductor Shield/ Screen: Extruded semi-conducting compound applied to the conductors.
- Insulation material: XLPE to IEC 60502-1 for 0.6/1 kV and PVC to IEC 60227-1 for 450/750 V cables.
- Inner sheath: Extruded type to provide a good seal against humidity, gas and vapours.
- Oversheath/ Jacket: Extruded layer of low smoke thermoplastic compound, flame retardant with minimum production of noxious gases and fumes in the event of fire.
- Requirement for fire resistant (tested as per IEC 60331-21) and zero halogen cables for certain locations.

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 and test Cable in line with IEC 60502-1 / 60227-1 / 60332-3-22 / 60331-21
- 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 [LVCable@EACOP-Proc.com](mailto:LVCable@EACOP-Proc.com) (Max. Email Size: 20 MBs & All documents must be submitted in the English language) on or before 17:00 hours East African Time (EAT), on 27<sup>th</sup> February 2019.

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.

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