

**REQUEST FOR EXPRESSION OF INTEREST FOR PROVISION OF WETLAND REGIONS TAPE SYSTEM FOR PIPELINE
REFERENCE NO.: CPP-PROC-TZ-093-0319**

China Petroleum Pipeline Engineering Co., Ltd. (hereinafter abbreviated as CPP) as Pipeline, Feederline & Above Ground Installation Contractor for the East African Crude Oil Pipeline (EACOP) Project invites experienced and reputable Contractors to express their interest in providing [**Wetland Regions Tape system for PIPELINE**] to the EACOP Project.

The EACOP Project involves the construction and operation of an underground and cross-border pipeline to transport crude oil for export to international markets. The pipeline will run from Kabaale, Hoima District in Uganda to the Chongoleani peninsula near Tanga in Tanzania. The length of the pipeline is 1,443 km, of which 1,147 km will be in Tanzania.

BRIEF DESCRIPTION OF THE SCOPE OF THE SERVICES:

- ♦ **Wetland Regions Tape system** (including Viscoelastic bodies, Cold wrap tape)

MINIMUM REQUIREMENTS:

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

- Proof of registration with the business registration and licensing agency – BRELA
- Proof of registration with the Tanzania Revenue Authority (TRA) and Tax Clearance Certificate for the latest year available.
- Proof of registration/application to the EWURA Local Supplier Service Provider (LSSP) database at the time of submission of the response to this expression of interest is strongly recommended.
- Compliance with Petroleum (Local Content) Regulations, 2017, and Local Company definition for Tanzania.
- Fully filled Key personnel list with CV (Appendix 1) and Equipment list of production and inspection (Appendix 2) in requested format. (Blank is regarded as an unqualified item.)
- Similar supplying experience within the last three years (Appendix 3) in the requested format.
- Copy of certificates of ISO 9001, ISO 45001, ISO 14001, or equivalent of them.
- Technical requirements shall meet our relevant technical requirements documents refer to Appendix 4. (Supplier's response shall be included in their documents submitted)

Companies which have the ability, capacity, and resources to implement the activities listed above should express their interest by sending together with the documents stated in the above section through an email to **supplierdata1@cpptz.com** (Max. Email Size: 20 MBs, all documents must be submitted in the English language) on or before **24:00 hours East African Time (EAT), on 03rd April 2024. The subject of the email should be "EOI for CPP-PROC-TZ-093-0319-COMPANY NAME". CPP reserves the right not to consider companies that submit an incorrect email subject and the incorrect format of Appendix 1, 2 and 3.**

The **format** of the required documents and **relevant technical requirements** which are mentioned in Minimum Requirements should be **downloaded from EACOP's website**

(<https://eacop.com/opportunities-by-main-construction-contractors/china-petroleum-pipeline-engineering-co-ltd/>).

Note: CPP will review and assess the documents provided by companies that have expressed interest in accordance with this EOI and conduct evaluations based on internal criteria to determine which companies will be included in the list of pre-qualified companies. Only the pre-qualified companies will receive, by signing a Non-Disclosure Agreement (NDA), an invitation to bid as a continuation of the call for tender process. CPP reserves the right at its sole discretion to make the decision to select or reject a company and maintain its decision.

APPENDIX 1 List of the Key Personnel

| No. | Title | Name | Years of Experience | Qualification Certificates | | Location | Notes |
|-----|-------|------|---------------------|----------------------------|-----------------|----------|-------|
| | | | | Name of the Certificate | Certificate No. | | |
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Notes: pls attach the CV & scanned copies of certificates etc.

APPENDIX 2 List of Main Equipment

| No. | Name of Main Equipment | Brand & Model | Qty. | Status of Equipment | Self- owned (Y/N) | Location of Equipment | Date of Production | Notes |
|-----|------------------------|---------------|------|---------------------|-------------------|-----------------------|--------------------|-------|
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Notes: pls attach photos and self-owned certificate etc.

APPENDIX 3 List of similar supplying experience

| Client | Contact Information of Client (Email/Phone number) | Location | Years | Name of the Project | Scope of Work | Status of the Project (Completed / Ongoing) | Bidder's Contract Value | Notes |
|---------------|---|-----------------|--------------|----------------------------|----------------------|--|--------------------------------|--------------|
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**Notes: "1.Please attach following documents: scanned CONTRACT for completed project or LETTER of AWARD for ongoing projects, completion certificate (if any), appreciation letters (if any) etc.
 2.The information of the PROJECT mentioned above may be confirmed by CPP with the assistance of EACOP COMPANY."**

| | LOT1 | LOT2 | LOT3 | total |
|---|-------|-------|------|-------|
| Viscoelastic – Planned Requirements (m ²) | 7103 | 6235 | 301 | 13638 |
| Planned demand for cold wraps (m ²) | 19323 | 16946 | 815 | 37085 |

Note: The width of the viscoelastic body is 200mm, the thickness is ≥ 1.8 mm, the width of the cold wrap tape is 100mm, and the thickness is ≥ 1 .1mm. Additional consumption due to uncertainties: 10% increase in viscoelastic body and 15% increase in cold wrap tape

1.3 Wetland Regions

Where there is higher risk of water ingress such as swamps, wetlands and areas with a high probability of flooding, a visco-elastic tape system applied to the interface between the pipeline jacket and the FJ casing as an additional barrier against water penetration.

The tape wrap system shall be applied as two layers: an inner layer of a visco-elastic tape to prevent water ingress and an outer PE/PVC layer to provide mechanical protection to the inner layer.

As per ISO 21809-3, the inner visco-elastic tape shall be a non-crystalline (fully amorphous) low-viscosity (non-crosslinked) non-reactive polyolefin (e.g. polyisobutylene, other polybutenes, or atactic polypropylene) based compound layer with a direct bond to the substrate.

As per ISO 21809-3 the outer layer shall be a polymeric outer wrap tape (FJC type 13A).

The CONTRACTOR shall submit an application procedure for review by the COMPANY. The application procedure shall ensure good bonding durability and resistance to soil stress effects.

The tape wrap system shall be applied in accordance with the approved procedure to all circumferential and longitudinal PE joints. The overlap distance on the FJ casing and the pipeline jacket shall be 250 mm minimum or in accordance with the tape manufacturer's instructions, whichever is the greater value.

The tape wrap system shall be compatible with the pipeline PE jacket and the PE casing and suitable for the maximum temperature at the surface of the pipeline jacket (Tmax).

The CONTRACTOR shall submit an independent test report confirming compliance to all the properties and requirements listed in ISO 21809-Part 3 2016 at Tmax. The CONTRACTOR shall carry out PQT of the tape wrap system in accordance with Appendix 4. To demonstrate the visco-elastic tape seals against water ingress, the qualification shall include a pressure test on a non-welded FJ casing with the visco-elastic tape applied where the casing interfaces with the line pipe HDPE casing. The FJ casing shall not be welded to the line pipe HDPE for this test.