

## REQUEST FOR EXPRESSION OF INTEREST FOR PROVISION OF HYDRO-TEST MATERIALS

REFERENCE NO.: CPP-PROC-TZ-057-0926-C1C4

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 **Hydro-Test Materials** 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:

- ♦ Professional Material and Auxiliaries for Pipeline Hydro-Test and Intelligent Gauging Work including Pressure test header, Intermediate pressure sensor, Sealing plate, Guide plate, High-pressure blind plate and so on. Please find attached (Appendix 3) for more details

### MINIMUM REQUIREMENTS:

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

- Proof of registration with the Tanzania Revenue Authority (TRA).
- 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) in requested format. (Blank is regarded as an unqualified item.)
- Similar project experience within the last three years (Appendix 2) in the requested format.
- Copy of certificates of ISO 9001, ISO 45001, ISO 14001, or equivalent of them.
- Deliver the goods in 2 weeks after signing the contract.
- Tax Clearance Certificate for the latest year available.

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](mailto: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 11<sup>th</sup> October 2023. The subject of the email should be "EOI for CPP-PROC-TZ-057-0926-C1C4-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 3 Basic Description and Requirement of Materials

S/N	Description	Specification	Basic Technique Requirement	Picture of Sample
1	Electric highpressure pump	0-30MPa		
2	dosing pump (metering pump)	2MPa		
3	Diesel water pump	3寸, 26m, 60m <sup>3</sup> /h		
4	Multistage submersible pump	60m <sup>3</sup> /h ,160m		
5	Full coated foam pig	Φ 610		
6	Temporary launcher and receiver	Φ 610		
7	Pressure test header	D610 PN250		
8	Pressure test header			
9	Oilgas separator	3002608710		
10	controller	1638313501		
11	Emergency stop switch (generator Sets)	1092534500		
12	Diesel level sensor	1089065903		
13	Floor fan	1626193500		
14	Vent solenoid valve	1089951522		
15	Intake valve motor	1607855528		
16	Vessel pressure sensor	1094054703		
17	Intake pressure sensor	1607852293		
18	Intermediate pressure sensor	1094054702		
19	Safety valve	1094742600		
20	Minimum pressure valve	1638095080		
21	Temperature sensor	1089057470		
22	Generators	1094190081		
23	fuel pump	1904190083		
24	Hand fuel pump	9771079012		
25	Starter	9771079004		
26	Coolant level sensor	1089065963		
27	Fuel injector	9771079019		
28	Belt	9771079001		
29	Engine water pump	9771079010		
30	12gear changeover Switch	1089026327		
31	Intake hose supercharger	1092937600		
32	Intake hose radiator	1604278503		
33	position sensor	9771079008		
34	Speed sensor	1092546800		
35	Temperature sensor	9771079009		
36	Temperature sensor	9771072009		
37	Common rail pressure sensor	9771072011		
38	Oiltronix motor power line	1094537901		

39	Airxpert motor power cord	1094538002		
40	Y expansion joint	1638380428		
41	2M communication line	1638380432		
42	resistance	1638380426		
43	0.5M communication line	1638380430		
44	Pipe clip	634100060		
45	valve	2253967101		
46	Spring	1638369300		
47	valve seat	1626092901		
48	Hose	1604135601		
49	Water separator	1094 1900 72		
50	Diesel primary filter	1094 1900 73		
51	Diesel filter	1094 1900 74		
52	Oil filter	1094 1900 75		
53	Compressor oil filter	1202 8040 93		
54	Air filter	2914 5077 00		
55	Safety filter element	2914 5018 00		
56	Safety valve	1092034835		
57	Minimum pressure valve	1092037505		
58	Airxpert motor power cord	1094537102		
59	Air filter element	AF928M		
60	Engine filter	LF9009		
61	Engine diesel filter	FS1212		
62	Engine oil,CI	15W-40, CI-4		
63	Tachometer	DJ7061-63-11		
64	Water temperature gauge	SW22413H		
65	Oil pressure gauge	YY2341AU/E		
66	Oil temperature gauge	YW2240D0		
67	voltmeter	DY2404HD		
68	Coupling damping rubber ring	D280-43×7		
69	Packing	D280-43×7		
70	Fan belt	178708		
71	Generator belt	3040303		
72	generators	4913675 24V/35A		
73	Startup module	HGM190		
74	filter element (inside and outside)	AF890M/AF891M		
75	Engine filter	LF9009		
76	Engine diesel filter	FS1212		
77	Engine water filter	WF2076		
78	Oil pressure gauge	NTA855-P470		
79	Water temperature gauge	NTA855-P470		

80	Tachometer	NTA855-P470		
81	voltmeter	NTA855-P470		
82	timer	NTA855-P470		
83	Inlet and outlet valve			
84	Inlet gasket			
85	Sealing ring			
86	Gland Oring			
87	Check valve			
88	Pressure gauge	1Mpa		
89	Pressure regulating valve of triplex pump			
90	control panel	2095578		
91	Adjustable pressure plate	ESD5500E		
92	Governor board	40488/1896 SX440 E000-24030		
93	filter element(inside and outside)	AF1811		
94	Engine filter	LF9009		
95	Engine diesel filter	FF5052		
96	Engine water filter	WF2073		
97	Oil sensing plug	3846N-010		
98	Water Temperature Sensor	3979176		
99	Speed sensor	3834N-010		
100	Motor magnetic switch	MS3-504		
101	Manual oil pump	3415661		
102	generators	3415354		
103	Fan belt	8PK1535		
104	Generator belt	8PK1535		
105	Air filter element (inside and outside)	K02900X NL21-8L		
106	Engine filter	LF3349		
107	Engine diesel filter	FF5052		
108	Engine diesel filter	FS1280		
109	Primary air filter core	3075Z		
110	Secondary air filter core	3075X		
111	Fourstage air filter core	3075X		
112	Drain valve	1/2"		
113	Activated carbon	4mm 25kg/bag		
114	Temperature sensor	4Mpa		
115	Purity control valve			
116	Flowmeter	DN40, 304SS, 4-20ma		
117	Oxygen cell	KE-25		
118	Porcelain ball			
119	Foam pig	φ 610		
120	Mechanical pig framework	φ 610		

121	Leather plate	φ 610		
122	Sealing plate	φ 610		
123	Guide plate	φ 610		
124	Anticollision head	φ 610		
125	Isolation plate	φ 610		
126	Platen	φ 610		
127	Bolt and nut	φ 610		
128	Magnetic pig framework	φ 610		
129	Wire brush	φ 610		
130	gauging plate	559.5		
131	gauging plate	558.1		
132	High pressure welded gate valve	DN100 PN250		
133	Welding boss	DN100 PN250		
134	Welded flange	DN100 PN250		
135	High pressure blind plate	DN100 PN250		
136	Doublehead Highstrength bolt	DN100 PN250		
137	High pressure welded gate valve	DN50 PN250		
138	Welding boss	DN50 PN250		
139	Welded flange	DN50 PN250		
140	High pressure blind plate	DN50 PN250		
141	Doublehead Highstrength bolt	DN50 PN250		
142	Needle valve	DN15 PN250		
143	Twogroup needle valve	DN15 PN250		
144	Copper gasket	DN15 PN250		
145	Needle valve welding nipple	DN15 PN250		
146	Needle valve plug	DN15 PN250		
147	High pressure gasket	DN100 PN250		
148	High pressure gasket	DN50 PN250		
149	Disk recorder recording paper	DR45AT-1100		
150	Disk recorder recording pen	501		
151	Pressure transmitter	0-40MPa		
152	Temperature transmitter	- 20--100℃		
153	digital thermometer	3m		
154	Welded flange	DN100 PN40		
155	Reducing diameter	100-150 PN40		
156	Air compressor hose	DN50 PN40 L=10m		
157	Air compressor hose	DN50 PN40 L=20m		
158	Pressure test pump hose	DN50 PN250 L=10m		
159	High pressure hose	DN15 PN250 L=20m		
160	High pressure joint	DN50 PN250		
161	Low pressure valve	DN100 PN25		

162	ball valve for hydrotesting	DN50 PN40	
163	joint (50mm)	DN50 PN40	
164	Monofilament (50mm)	DN50 PN40	
165	Monofilament (50mm)	DN50 PN250	
166	Welded 90 ° elbow	DN100 δ=6mm	
167	Welded 90 ° elbow	DN50 δ=10mm PN250	
168	wire for deep pump	25	
169	filter for hydrotesting	53 μ M DN100	
170	Gas detector	Besantek BST-MG06,CE	
171	Ultrasonic flowmeter	DN100 PN25	
172	Tracker	610, CE	
173	barometer	temperature:20-60°C, humidness:0-100%, CE	
174	Stroke counter	WPS-S-2000mm-A2/A3 4-20mA, CE认证	
175	Temperature and humidity recorder	RCW-800W, CE	
176	Shockproof pressure gauge	0-25MPa, 0.25, CE	
177	Shockproof pressure gauge	0-2.5MPa, 0.4, CE	
178	Shockproof pressure gauge	0-1.6MPa, 0.4, CE	
179	Inverter power supply	12V-220V	
180	Battery for machine	185AH 12V	
181	filter for hydrotesting	50 μ M DN100	
182	Wire brush		
183	iron wire	8#	
184	iron wire	8#	
185	iron wire	10#	
186	iron wire	12#	
187	Lead sealing rope	0.5MM	
188	cleaning cloth		
189	color stripe cloth	6m*30m	
190	Plastic film (plastic film)	0.2-1mm, 6m×10m	
191	Lawn lamp	200W LED	
192	Derusting lubricant	WD-40	
193	test pencil		
194	Water pump wire	3*6 <sup>2</sup> , CE	
195	Power Cable	3×25mm <sup>2</sup> +1×16mm <sup>2</sup> , CE	
196	Power Cable	3×10mm <sup>2</sup> +1×6mm <sup>2</sup> , CE	
197	Cable reel		
198	Welding grounding wire (yellow and green line)	6mm <sup>2</sup> , CE	
199	Ground wire clip		
200	cable lug	6mm <sup>2</sup>	
201	cable lug	10mm <sup>2</sup>	
202	cable lug	16MM <sup>2</sup>	

203	cable lug	35mm <sup>2</sup>		
204	cable lug	25mm <sup>2</sup>		
205	cable lug	6mm <sup>2</sup>		
206	ground wire	1*4 <sup>2</sup>		
207	Battery clip red and black			
208	Battery connecting line	CE		
209	The power plug	2, CE		
210	The power plug	3, CE		
211	Industrial plug	380V, CE		
212	Industrial plug	220V, CE		
213	Interposition	CE		
214	Rechargeable flashlight	LED		
215	filter screen	100 mesh		
216	filter screen	300目, 50 μ M		
217	Rubber pad	3" CL150		
218	Rubber cushion (soft)	3mm		
219	Asbestos board	2mm		
220	PTFE TAPE			
221	Loosening fluid	WD-40/400ML		
222	lock			
223	lock			
224	AB Glue	80g		
225	Transparent tape (wide)	330*4.2*3.5		
226	Sandpaper			
227	seal	220ml		
228	rap wrench	32mm		
229	rap wrench	36mm		
230	rap wrench	41mm		
231	rap wrench	46mm		
232	Socket wrench (32 piece /Sets)	32 piece /Sets		
233	iron hammer	4pound		
234	iron hammer	8pound		
235	Rubber hammer	3pound		
236	scissors			
237	Hand pliers			
238	Taper pliers	6"		
239	tongs	150mm		
240	tongs	300mm		
241	tongs	450mm		
242	tongs	600mm		
243	tongs	750mm		

244	Openend ring wrench (32 piece Sets)	8-32mm		
245	Openend ring wrench (32 piece Sets)	36mm		
246	Openend ring wrench (32 piece Sets)	41mm		
247	Openend ring wrench (32 piece Sets)	46mm		
248	Filter wrench			
249	Slotted screwdriver	φ6.5*150		
250	Slotted screwdriver	φ6.5*150		
251	Adjustable wrench	150mm		
252	Adjustable wrench	200mm		
253	Adjustable wrench	300mm		
254	Adjustable wrench	450mm		
255	Allen wrench Sets (9piece Sets)	9piece Sets 1.5-10mm		
256	Allen wrench Sets (12piece Sets)	12piece Sets1/16"-3/8"		
257	Electric hand drill (battery)	BOSCH		
258	Crowbar	20mmx1.5m		
259	Crowbar	20mmx1m		
260	Flat file	6"8"		
261	Open end wrench	8mm-41mm		
262	steel tapeline	5M		
263	Electrician bag			
264	electrician's tools,Combination tools (52 pieces)	52 pieces		
265	Electric fuel pump	12V		
266	Steel wire filler pipe	1"		
267	Electric wrench (lithium battery)	20V 4.0AH		
268	Assorted file	3*140mm		
269	Chain block	5T, CE		
270	U ring	3T, CE		
271	U ring	5T, CE		
272	sling	5吨 4m, CE		
273	sling	3T 2m, CE		
274	wire rope	φ24, CE		
275	The belt	8m CE		
276	Copper rod	12.7*1500mm		
277	Battery Charger	DECA CLASS 50-100A		
278	Butter gun			
279	Measuring cup	1.5L		
280	Wire brush (with handle)	25cm		
281	Brush	1"		
282	Sharp shovel head			
283	DIGITAL MULTIMETER	UT58A		
284	Half leather gloves			

285	cotton gloves		
286	life jacket		
287	Labor protection glasses		
288	Rainshoes		
289	rain Boots		
290	Raincoat	180#	
291	Split raincoat	180#	
292	Earplugs		
293	steel plate	1500mm*6000mm*3mm	
294	Steel pipe	DN100*3mm*6000mm	
295	U Channel steel	150*6m	
296	Angle steel	40*40*2	
297	Square tube	20mm*20mm*6m	
298	Universal Beam	20#	
299	steel plate	1.5*6m*5mm	
300	Square Tube	40*40*2mm	
301	steel pipe	Φ 100mm, 3mm	
302	fire extinguisher different sizes	8kg	
303	Warning tape	20m, 5cm	
304	Insulation barrels	20L	
305	Insulation barrels		
306	Geotextile	20m×20m	
307	Tents for caring onsite		
308	Sunshade	2m*2m	
309	Floor fan	CE	
310	Electromagnetic furnace	CE	
311	Rubber flat brooms		
312	Large trash can	50L	
313	Kettle	CE	
314	water tank Vertical, 10m3, PVC	1m <sup>3</sup>	
318	Submersible pump	4", 20m <sup>3</sup> /h , 20m	
319	Power Distribution Cabinet	40cm*40cm*20cm, CE	