

**REQUEST FOR EXPRESSION OF INTEREST FOR THE PROVISION OF SWITCHGEAR CABINET AND
DISTRIBUTION BOX FOR CAMPS**

REFERENCE NO.: CPP-PROC-UG-006-0206-31

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 supplying kinds of equipment/materials for EACOP Project.

The EACOP Project involves the development, construction, operation and maintenance of a crude oil export pipeline that originates in Kabaale, Uganda and delivers oil for marine export on the East African coast in the Tanga area in Tanzania.

BRIEF DESCRIPTION OF THE SCOPE:

♦ **Supply of switchgear cabinet and distribution box for Camps.**

MINIMUM REQUIREMENTS:

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

- 1. Proof of License/Registration Information and Profile of Supplier, including license and TIN**

certificate.

- 2. Proof of registration with the PAU National Supplier Database (NSD) for Uganda.**
- 3. Fully filled Questionnaire, Key personnel list with CV(Appendix1)and Equipment list of production and inspection(Appendix2) in requested format. (Blank regards as unqualified item.)**
- 4. Similar supplying experience within last three years(Appendix3) in requested format.**
- 5. Compliance with the Petroleum Midstream National Content Regulation # 34,2016 for Uganda.**
- 6. Copy of certificates of ISO 9001, ISO 45001, ISO 14001 or equivalent of them.**
- 7. Tax Clearance Certificate for the last three years and Audit report for the last three years.**
- 8. The supplier must provide Manufacturer's Commitment Letter /Manufacturer's authorization.**
- 9. Technical requirements shall meet NO.31-switchgear cabinet and distribution box for Camps.**

Interested companies which meet the minimum requirements and have the capacity to provide the WORK (GOODS/SERVICES) listed above should express their interest by sending together with the above listed documents an email to supplierdata@cpptz.com (Max. Email Size: 20 MBs, Wettransfer link is available for huge size documents. & All documents must be submitted in the English language) on or before **24:00** hours East African Time (EAT), on **DATE(23/2/2023)**. Subject of the email should be **"EOI for CPP-PROC-UG-006-0206-31-COMPANY NAME"**. CPP reserves the right not to consider companies that submit an incorrect email subject and the incorrect format of Questionnaire, Appendix 1, 2 and 3.

The **format** of the required documents and **relevant technical requirements(NO.31-switchgear cabinet and distribution box for Camps)** 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/>)**.

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.

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

Note 1: Only pre-qualified companies will receive an invitation to submit their bid in furtherance of the Call for Tender process.

Questionnaire for the Pre-qualification of Procurement-CAMP

NOTE: Please provide documents named by serial number according to each item.

CPP reserves the right not to consider companies that submit Questionnaire filled by hand.

Item No.	Category / Question	
0	*NC/LC REQUIREMENTS	
0.1	General Requirements	
0.1.1	Is the Applicant fully aware of the local climatic and working conditions of country and the local applicable laws to carry out the project? (Yes or No)	
0.1.2	Applicant to confirm that the full Scope of the Project can be performed. (Yes or No)	
0.2	National Content Requirements for Uganda (Applicable for Uganda)	
0.2.1	Proof of business registration and business license for Uganda.	
0.2.2	Proof of registration with the PAU National Supplier Database (NSD) for Uganda.	
0.2.3	Compliance with the Petroleum Midstream National Content Regulation # 34,2016 for Uganda.	
0.3	Local Content Requirements for Tanzania (Applicable for Tanzania)	
0.3.1	Proof of business registration and business license for Tanzania.	
0.3.2	Proof of registration/application to EWURA Local Supplier Service Provider (LSSP) database.	
0.3.3	Compliance with Petroleum (Local Content) Regulations, 2017 and Local content requirements for Tanzania.	
1	GENERAL INFORMATION	
1.1	Company Data	
1.1.1	Name of Applicant	
1.1.2	Introduction of Applicant (establishing time,Copies of government issued IDs for all shareholders,main business scope,etc.)	
1.1.3	Applicant address	
1.1.4	Applicant phone number	
1.1.5	Applicant email address	
1.1.6	Applicant Website	
1.1.7	* Manufacturer's Commitment Letter/Manufacturer's authorization(Not applicable to Bulk Materials trader)	

Questionnaire for the Pre-qualification of Procurement-CAMP

NOTE: Please provide documents named by serial number according to each item.

CPP reserves the right not to consider companies that submit Questionnaire filled by hand.

Item No.	Category / Question	
1.2	Authorized contact person and contact details	
1.2.1	Name of authorized contact person	
1.2.2	Contact person's business address - phone number	
1.2.3	Contact person's business address - mobile phone number	
1.2.4	Contact person's business address - email address	
1.3	Organization Chart	
1.3.1	Applicant is requested to attach its organization chart.	
1.4	Language	
1.4.1	English shall be used as the Project language for all documents and correspondence - applicant to confirm	
2	FINANCIAL ASPECTS	
2.1	Bank information	
2.1.1	Name of Applicant's principal bank	
2.1.2	Address of Applicant's principal bank - street and number	
2.1.3	Address of Applicant's principal bank - post code and city	
2.1.4	Address of Applicant's principal bank - country (and state)	
2.2	*Registration with the Tax Revenue Authority	
2.2.1	Registration with the Uganda Tax Revenue Authority, including TIN Certificate.(Applicable for Uganda)	
2.2.2	Registration with the Tanzania Tax Revenue Authority, including TIN Certificate.(Applicable for Tanzania)	
2.3	*Proof of Tax Clearance Certificate	
2.3.1	Proof of Uganda Tax Clearance Certificate for the latest 3 years available.(Applicable for Uganda)	
2.3.2	Proof of Tanzania Tax Clearance Certificate for the latest 3 years available. (Applicable for Tanzania)	
2.4	Audited financial statements	

Questionnaire for the Pre-qualification of Procurement-CAMP

NOTE: Please provide documents named by serial number according to each item.

CPP reserves the right not to consider companies that submit Questionnaire filled by hand.

Item No.	Category / Question	
2.4.1	Applicant 's financial performance documents, Audited Balance sheets and Profit and Loss statements, Auditors Report and Notes to Accounts etc. for last 3 (three) years. Latest financial statement should not be older than 18 months on the date of submission of response to this Expression of Interest.	
3	LITIGATION HISTORY, RISK ASSESSMENT AND ELIGIBILITY	
3.1	Litigation or arbitration history	
3.1.1	Provide information on any history of litigation or arbitration resulting from orders executed in the last (5) years or currently under execution, especially with CPP. (Yes or No)	
3.2	Eligibility	
3.2.1	Does Applicant appear on World Bank's common List of Ineligible Entities available under the following link http://www.worldbank.org/debarr or is Applicant subject to any sanction from World Bank and from UN? This must be similarly affirmed if the Applicant is an Affiliate or otherwise directly or indirectly controlled by such an ineligible entity. (Yes or No)	
4	QA/QC, HSE, CERTIFICATES, KEY PERSONNEL	
4.1	Please provide Applicant's ISO 9001:2015 Certificate.	
4.2	Please provide Applicant's ISO 45001:2018 Certificate (or equivalent).	
4.3	Please provide Applicant's ISO 14001:2015 Certificate (or equivalent).	
4.4	Please provide QA/QC manuals.	
4.5	Any other technical Certificates (API, etc.).	
4.6	Please provide key personnel list, Format refer to Appendix 1.	
4.6.1	Please provide QA Manager's CV (Applicable to manufacturers only)	
4.6.2	Please provide QC Inspector's CV (Applicable to manufacturers only)	
4.6.3	Please provide Production Manager's CV (Applicable to manufacturers only)	
5	FABRICATION AND DESIGN	

Questionnaire for the Pre-qualification of Procurement-CAMP

NOTE: Please provide documents named by serial number according to each item.

CPP reserves the right not to consider companies that submit Questionnaire filled by hand.

Item No.	Category / Question	
5.1	Please give details of your manufacturing and design/engineering facilities (size, area, number, etc.). (Applicable to manufacturers only)	
5.2	Do you have in house design facilities? (Applicable to manufacturers only, Yes or No)	
5.3	Please provide details of the assembly yard/facilities you would use for the various parts of the project. (Applicable to manufacturers only)	
5.4	Please provide the equipment list of production and inspection, Format refer to Appendix 2.	
5.5	*Technical requirements shall meet our relevant technical requirements documents attached. (Yes or No)	
6	PROJECT SPECIFIC OUTPUT, CAPACITY, ABILITY	
6.1	Please specify estimated average capacity per month for manufacturing and delivery of the product.	
6.2	What is the available capacity (i.e. not yet booked) of the Applicant for the product in Year 2023?	
6.3	According to your present workload what is the approximate time period (in weeks) for the first dispatch after purchase order award (on EXW basis)?	
7	EXPERIENCE RECORD AND REFERENCES	
7.1	Please provide similar experience within last three years, Format refer to Appendix 3.	
7.2	Please provide scanned CONTRACT for completed project or LETTER of AWARD for ongoing projects, completion certificate (if any), appreciation letters (if any) etc.	
7.3	Please confirm whether there have been any product quality incidents in the past 5 years (Yes or No) .	
8	SPARE PARTS AND MAINTENANCE	
8.1	Supply list of recommend spare part for the product (If Applicable) .	
9	DIVERSE DATA	
9.1	Please confirm that you will provide on-site Services such as provision of re-assembly, supervision of site acceptance, assistance during quality warranty period. (If Applicable, Yes or No) Please confirm that you will provide on-site Services, including installation, power on and coordinate with local government departments etc. (Only applicable to transformer suppliers. Yes or No)	

APPENDIX 1 List of the Key Personnel

No.	Title	Name	Years of Experience	Qualification Certificates		Location	Notes
				Name of the Certificate	Certificate No.		

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

Notes: This format includes equipment of production and inspection, 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 Supply	Status of the Project (Completed / Ongoing)	Bidder's Contract Value	Notes

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.

	DATA SHEET FOR LV DISTRIBUTION BOARDS		
	Doc No:	Rev.	

DATA SHEET FOR LV DISTRIBUTION BOARDS

REV	DATE	PAGES	DESCRIPTION	PP	CHK	APP-1	APP-2

		DATA SHEET FOR LV DISTRIBUTION BOARDS			
		Doc No:	Rev.		
					Rev.
ITEM NAME :		PLANT LOCATION :			A1
ITEM NO. :		UNIT REF :			A1
SERVICE : CONTINUOUS		REQUIRED NO. :			A1
Sl. No.	DESCRIPTION	DESIGN DATA	VENDOR DATA	REMARKS	
1	GENERAL DATA				A1
1	MANUFACTURER NAME				A1
2	COUNTRY OF ORIGIN				A1
3	DESIGN LIFE	10 YEARS			A1
4	YEAR OF MANUFACTURING	BY VENDOR			A1
2	APPLICABLE SPECIFICATION & STANDARD				A1
1	SPECIFICATION FOR DISTRIBUTION BOARD				A1
2	ENGINEERING DESIGN DATA				A1
3	SINGLE LINE DIAGRAM	Refer to SLD			A1
4	STANDARDS / CODES				A1
3	SERVICE / SITE CONDITIONS				A1
1	INSTALLATION : (INDOOR / OUTDOOR)	OUTDOOR			A1
2	ALTITUDE	<1000m			A1
3	MINIMUM / MAXIMUM AMBIENT TEMPERATURE OUTDOOR	+5°C / 70°C			A1
4	MAXIMUM TEMPERATURE (DIRECTLY EXPOSED TO SUN)	85°C			B1
5	DESIGN AMBIENT TEMPERATURE INDOOR	40°C			B1
6	DESIGN AMBIENT TEMPERATURE OUTDOOR	50°C			B1
7	SPECIAL CONDITIONS	AIR CONDITIONED ROOM FOR INDOOR DB'S			B1
8	DESIGN HUMIDITY	Upto 100%			B1
9	HAZARDOUS AREA CLASSIFICATION	No			B1
4	SYSTEM PARAMETERS				A1
1	SUPPLY/INPUT VOLTAGE	380 V ± 5%			A1
2	SUPPLY FREQUENCY (Hz)	50 Hz ± 2%			A1
3	NO. OF PHASES	3PH+N			A1
4	SYSTEM EARTHING	SOLIDLY EARTHED			A1
5	INCOMING CIRCUIT BREAKER RATING (A)	AS PER SLD			A1
6	INCOMER PEAK WITHSTAND CAPACITY (A)	VTA			A1
7	RATED SHORT TIME WITHSTAND CURRENT (KA)	AS PER SLD			A1
5	BUS BAR				B1
1	MAIN BUS BAR				B1
1.1	MAIN BUS BAR RATING CURRENT (A)	AS PER SLD			B1
1.2	MAIN BUS BAR MATERIAL	HARD DRAWN HIGH CONDUCTIVITY INSULATED COPPER			B1
1.3	MAIN BUS BAR INSULATION	HIGH QUALITY NON-HYGROSCOPIC AND NON FLAMMABLE INSULATING MATERIAL			B1
1.4	MAIN BUS BAR JOINTS	TINNED PLATED COPPER			B1
2	EARTHING BUS BAR				B1
2.1	EARTHING BUS BAR MATERIAL	HARD DRAWN COPPER			B1
2.2	EARTHING BUS BAR SIZE	Min. 35 Sq.mm			B1
2.3	EARTH FAULT WITHSTAND CURRENT	BY VENDOR			B1
6	ACCESSORIES & MISCELLANEOUS REQUIREMENT				B1
1	VOLTMETER ON INCOMER FEEDER (YES/NO)	No			B1

		DATA SHEET FOR LV DISTRIBUTION BOARDS			
		Doc No:	Rev.		
					Rev.
ITEM NAME :		PLANT LOCATION :			A1
ITEM NO. :		UNIT REF :			A1
SERVICE : CONTINUOUS		REQUIRED NO. :			A1
SI. No.	DESCRIPTION	DESIGN DATA	VENDOR DATA	REMARKS	
2	AMMETER ON INCOMER FEEDER (YES/NO)	No			B1
3	SELECTOR SWITCHES (YES/NO)	No			B1
4	INDICATION LAMP (YES/NO) CB ON: RED CB OFF: GREEN CB TRIPPED: AMBER	No			B1
5	LAMP TEST FEATURE (YES/NO)	No			B1
6	ANTI CONDENSATION HEATER (YES/NO)	No			B1
7	EXPECTED HEAT DISSIPATION (W)	VTA			B1
8	RATED INSULATION VOLTAGE (V)				B1
9	POWER FREQUENCY WITHSTAND VOLTAGE (kV)				B1
7	AUXILLIARY VOLTAGES				B1
1	CONTROL SUPPLY VOLTAGE (V)				B1
8	ASSEMBLY/CONSTRUCTION REQUIREMENTS				B1
1	TYPE OF CONSTRUCTION	As required			B2
2	ENCLOSURE MATERIAL	As required			B2
3	INSTALLATION METHOD	FLOOR MOUNTED			A1
4	MOUNTING ARRANGEMENT (YES/NO)	YES, SHALL BE PROVIDED BY VENDOR			A1
5	DOOR LOCKING	YES			A1
6	DEGREE OF INGRESS PROTECTION	OUTDOOR: IP 55			A1
7	ACCESS	FRONT ONLY			A1
8	FIXED/ PLUG -IN / WITHDRAWABLE	FIXED			A1
9	PADLOCKING FACILITY (YES/NO)	No			A1
10	PAINT COLOUR	RAL 7035			B2
11	RECOMMENDED CLEARANCE CONSIDERING FRONT ACCESS ONLY	VTA			B1
9	CABLING				B1
1	CABLE ENTRY	OUTDOOR: BOTTOM			B1
2	GLAND PLATE	REMOVABLE TYPE			B1
3	GLAND PLATE MATERIAL	BRASS			B1
4	CABLE GLAND PLATE THICKNESS	MINIMUM 3MM			B2
5	WIRING FOR CT CIRCUIT				B1
6	WIRING FOR POWER CIRCUIT (e.g. SPACE HEATER)				B1
7	WIRING FOR CONTROL CIRCUIT				B1
8	WIRING FOR ELECTRONIC CIRCUITS				B1
10	INCOMING FEEDERS (ISOLATOR)				B1
1	RATED CURRENT (A)	AS PER SLD			A1
2	MANUFACTURER	VTA			A1
3	COUNTRY OF ORIGIN	VTA			A1
4	NO. OF POLES	4			A1
5	APPLICABLE IEC STANDARD				A1
6	SHORT CIRCUIT RATING	As per SLD			A1
7	ADJUSTABLE THERMAL PROTECTION (YES/NO)	NO			A1
8	ADJUSTABLE MAGNETIC PROTECTION (YES/NO)	NO			A1
9	SHUNT TRIP COIL (YES/NO)	NO			A1
11	OUTGOING FEEDERS				B1

		DATA SHEET FOR LV DISTRIBUTION BOARDS			
		Doc No:	Rev.		
					Rev.
ITEM NAME :		PLANT LOCATION :			A1
ITEM NO. :		UNIT REF :			A1
SERVICE : CONTINUOUS		REQUIRED NO. :			A1
SI. No.	DESCRIPTION	DESIGN DATA	VENDOR DATA	REMARKS	
1	BREAKER TYPE	AS PER SLD			A1
2	TRIPPING CHARACTERISTICS	AS PER SLD			A1
3	RATING	AS PER SLD			A1
4	NUMBER OF POLES	AS PER SLD			A1
5	RATED BREAKING CAPACITY	AS PER SLD			A1
6	SPARE EQUIPPED OUTGOING FEEDERS	AS PER SLD			A1
7	EARTH FAULT PROTECTION	REQUIRED THROUGH RCD			B2
8	RCD RATING	AS PER SLD			B2
9	EARTH LEAKAGE PROTECTION SETTINGS	AS PER SLD			B1
12	PHOTOCELL CONTROL				B1
1	PHOTOCELL CONTROL	No			B1
13	GENERAL ARRANGEMENT				B1
1	DIMENSIONS - WIDTH X DEPTH X HEIGHT (MM)	VTA			A1
2	TOTAL WEIGHT (KG)	VTA			A1
3	DIMENSION & WEIGHT OF SHIPPING SECTION (MM)	VTA			A1
14	LABELS/ESCUTCHEON PLATES				B1
1	LABELS/ESCUTCHEON PLATES				B1
15	INSPECTION & TESTING				B1
1	TYPE TESTS				B1
2	ROUTINE TESTS				B1
3	FACTORY ACCEPTANCE TESTS				B1
16	PACKING & SHIPMENT				B1
1	PACKING & SHIPMENT				A1
17	POST ORDER VENDOR DOCUMENTATION				B1
1	POST ORDER VENDOR DOCUMENTATION				A1
18	NOTES				B1
1	VTA - VENDOR TO ADVICE				A1
2					A1
3	ALL MCCB'S SHALL BE CURRENT LIMITING TYPE.				A1
4					A1
5	ALL RCD SHALL BE PROVIDED WITH HIGH IMMUNITY CHARACTERISTICS TO PREVENT NUISANCE TRIPPING.				B2
6					A1
7	OUTDOOR DISTRIBUTION BOARDS SHALL BE SUITABLE FOR SANDSTORMS, HIGH HUMIDITY, SALT LADEN WINDS, FOG AND AIRBORNE CHEMICAL CONTAMINANTS.				B2
19	HOLD				B1
1	DELETED				B1
2	DELETED				B1

CLIENT:				CONTRACTOR:
	COVER SHEET			
CONTRACT NO.:	Doc. No.	Rev.	Page:	1 OF 14

DOCUMENT TITLE:

Data Sheet for LV Switchgear

REV.	DATE	DESCRIPTION	PREPARED	CHECKED	APPROVED

CLIENT:				CONTRACTOR:
	Data Sheet for LV Switchgear			
CONTRACT NO.:	Doc. No.	Rev.	Page: 3 OF 14	

ITEM DESCRIPTION		LV SWITCHGEAR (AT SUBSTATION)	
No.	Description	Required	Bidder to Confirm/specify
	GENERAL:		
1	Tag Number(s)	As Required	
2	Project		
3	Purpose	To feed loads	
4	Inspection required	As Required	
5	Language on documents	English	
6	Special transport conditions		
7	Language on Equipments	English	
8	Tropicalisation required	Yes	
	SERVICE CONDITIONS:		
9	Site Location		
10	Site Ambient Temperature min/max	5 deg.C/55 deg.C	
11	Humidity	max 100%	
12	Equipment location	Indoor Air Conditioned room	
13	Indoor temperature min/Normal/max.	20/22/40 Deg.C.	
14	Design Ambient for Indoor Equipment	40 Deg.C	
15	Design Indoor RH	60% RH	
	POWER SUPPLY CONDITIONS		
16	Power System type	TN-S system	
17	Operating voltage	400V	
18	Frequency	50 Hz, +/-5%	
19	System fault level	Refer to SLD	
20	Short Circuit Power	Refer to SLD	
21	Type of mounting	Self standing, Floor mounting	
22	Frame work required	Yes	
23	Type of fuses	HRC	
24	form of Internal Separation	As Required	
25	Cable Entries	Bottom	
26	Cable Gland Plate	Undrilled, detachable	
27	Glands required	No, by others	
28	Glands type		
29	Make and Model no.	*	
30	Degree of protection	IP41	
31	Rain Canopy	No	
32	Paint finish	RAL-7035	
33	Coating type	mfg. Standard	
34	Power Inlet location (top/bottom)	Bottom through Cable adaptor Chamber	
35	-with Cables or ducts	Cable	
36	-Cable sizes	Refer to SLD	

CLIENT:				CONTRACTOR:	
		Data Sheet for LV Switchgear			
CONTRACT NO.:		Doc. No.	Rev.	Page: 4 OF 14	
	Description	Required		Bidder to Confirm/specify	
	BUSBAR				
38	Busbar Material	Hard drawn Copper			
39	Material Grade	*			
40	busbar insulated or not	Insulated			
41	Earth bus bar	Required			
42	Rated Current of busbar system	Refer to SLD			
43	Main bus bars cross section	*			
44	Earth bus bar cross section	*			
45	Symmetrical short circuit current (1 sec)	Refer to SLD			
	INCOMING TYPE				
46	Isolating Device	ACB			
47	Rating	Refer to SLD			
48	CT Ratio	No			
49	Protection CT				
50	Metering CT				
51	PT Ratio				
52	PT Class Burden				
	ACCESSORIES				
53	Cubicle Heaters				
54	Cubicle Illumination				
55	Heater Supply source				
56	Heater bus required				
57	Indication and metering				
	CIRCUIT BREAKERS RATINGS				
58	Incomer section				
59	Make	*			
60	Model no,	*			
61	Rated Current	Refer to SLD			
62	Rated Voltage	*			
63	Symmetrical Breaking Capacity	*			
64	Making Capacity (kA peak)	*			
65	Operating Cycle	*			
66	Short time rated Current	Refer to SLD			
67	Total Opening time	*			
68	Closing time	*			
69	Breaker Operation type	*			
70	Control supply voltage	No			
71	Control Suply source	-			
72	Trip Coil power	*			
73	Closing coil power	*			
74	Spring charge motor rating	*			
75	Spring charge time	*			
76	Breaker mounting	As Required			
77	Breaker control switch	As Required			
78	Breaker withdrawl trolley	No			