

Our Ref: KETRACO/PT/038/2024

20th November 2024

Notice to all Bidders

RE: TENDER ADDENDUM AND CLARIFICATION 1

RE: TENDER FOR SUPPLY OF PROTECTION AND CONTROL RELAYS AND ACCESSORIES (KETRACO-PT-038-2024)

The following amendments are made to the specified provisions for Tender for Supply of Protection and Control Relays and Accessories; Tender Number; KETRACO-PT-038-2024.

Find herein the ADDENDUM and CLARIFICATION No. 1, consisting of SIX (6) pages into the Principal Tender Documents as attached. This document should be returned along with duly filled Form of Tender.

A. Addendum No 1

Section V: Schedule of Requirements; 1. List of goods and delivery schedule has been revised as follows:

S/No	APPLICATION	MAKE	RELAY TYPE/ORDER CODE/DESCRIPTION/DETAILS	Serial Number	Quantity	Tenderer's Offered Delivery Date
1	OHL Autoreclose	ABB-REQ650	IMRK008518-BA	C1207082	1	
2	Busbar Protection	ABB-REB670	IMRK004822-BC	C1207018	1	
3	Feeder BCPU	ABB-REC 650	IMRK008514-AB	C1207059	1	
4	Line distance protection relays	ABB REL 670	IMRK002812-AB	I1339047, I1339045, I1339048, I1339049, I1341001, I1341002, I1341003	7	
5	Line differential protection relay	ABB RED 670	IMRK004810-CC	T1322037	1	



S/No	APPLICATION	MAKE	RELAY TYPE/ORDER CODE/DESCRIPTION/DETAILS	Serial Number	Quantity	Tenderer's Offered Delivery Date
6	Feeder Protection	ABB REF 630	REF630E-A Model - SBFNAAACAAAZAZNBXA	1VHR91121506, 1VHR91560211, 1VHR91560212	3	
7	Line differential Protection relay	SIEMENS 7SD5221	7SD5221-5DB99-3GK0-0S2G Firmware: V04.74.00 Boot system: V02.06.00 P-set: V04.73.03 BF-NR:1612502295	1612502295	1	
8	Reactor Back-up Overcurrent Relay	SIEMENS 7SJ85	7SJ85-DAAA-AA0-0AAAA0- AB0111-12111B-AAA000-000AC0- CB1BA1-CF0. Configuration version 7.0.	BM1801004793	1	
9	Busbar Protection Relay	SIEMENS 7SS85	7SS85-DAAA-AA0-0AAAA0- AM9121-12211B-AAA000-000AA0- CC1BA1-CA1CG0. Configuration version 7.0.	BM1506001696	1	
10	Line Distance Relay	SIEMENS 7SA87	7SA87-DAAA-AA0-0AAAA0- AG0111-12111B-AAA000-000AA0- CB1BA1-CG0. Configuration version 7.0.	BM1506001933	1	
11	SEL Bay Control Unit	SEL 451	SEL-451-5-312-V0-Z017012, P/N: 04515611XC0X3H74323X1	1131280287	1	
12	CIO Modules	GE	CIOH1JIHL	N/A	6	
13	F650 relay display screens	GE	F650MMDF1G1HIR6E	N/A	3	
14	1550nm Laser single mode interrelay	GE L90	N/A	N/A	2	

S/No	APPLICATION	MAKE	RELAY TYPE/ORDER CODE/DESCRIPTION/DETAILS	Serial Number	Quantity	Tenderer's Offered Delivery Date
	communication module.					
15	132kV Busbar Protection relays	GE B90	Front face panel for GE B90 UR Relays of model, B90DFNH06B000 , Serial Number 20510101	20510101	3	
16	Bus-Coupler and Spare Feeder relay	GE D30	D30N00HKHF8LH6TMXXPPXXUX XWXX		2	
17	Enhanced front panel display with English display	GE	Horizontal 19" rack Enhanced front panel display with English display for GE T60 relay model, T60N00HKHF8NH6UMXXPPXXUX XWXX	N/A	1	
18	Protection Relay Batteries	GE	3V cadmium (Cd)/ lead (Pb)/ mercury (Hg) cylindrical battery for GE UR Relays.	N/A	16	

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S/No	APPLICATION	MAKE	RELAY TYPE/ORDER CODE/DESCRIPTION/DETAILS	Serial Number	Quantity	Tenderer's Offered Delivery Date
19	Cable Ferrule Printers		1. Language: English. 2. Character sizes (Height): 1.3 mm, 2mm, 3mm, 4mm and 6mm. 3. Input modes: Alphanumeric, Symbols input. 4. Display: LCD Graphic (160 x 64 dot matrix backlit). 5. Resolution: Min 300dpi. 6. Printing Method: Thermal transfer. 7. Printing Speed: 40mm/s (Standard) 20mm/s(low temperature mode). 8. Max Printing Length: Ferrule (Tube):20m, Tape: 5m when printing multiple copies up to 30 Ferrule (Tube): 100m, Tape: 7m. 9. Supported tube sizes: ø1.5mm ~ 8.0mm (PVC tube). 10. Supported tape size: 5mm, 9mm and 12mm. 11. Max Output Character: 5,000 characters per file. 12. Tub Cutting Method: Auto half-cut, manual full-cut. 13. Internal Memory: Min 250,000 characters. 14. Power Supply: 230VAC Preferred (If DC should be packaged with 150-250VAC adapter).	N/A	5	
20	AC/DC Clamp Meter		AC/DC clamp meter measuring AC/DC current from 1mA to 120A.	N/A	10	
21	Cable crimping tool set		Ferrule Crimping Tool Kit AWG 23-7 Self-Adjustable Ferrule Crimper Plier. Crimps wire between 0.25-10 mm ² . Provides tight and precise crimping without damage to wire terminals or waste of terminal. Each set to contain tools capable of crimping bootlace, ring and pin cable lugs.	N/A	5 sets	

Handwritten signature

S/No	APPLICATION	MAKE	RELAY TYPE/ORDER CODE/DESCRIPTION/DETAILS	Serial Number	Quantity	Tenderer's Offered Delivery Date
22	Assorted Cable lugs		Insulated cable lugs for 1.5mm ² and 2.5mm ² . Bootlace lugs, ring lugs and pin lugs.	N/A	2000 pieces for each type and each size	
23	220/132kV Transformer Voltage regulator	MR Tapcon 230 expert Automatic Voltage Regulator	I. Single phase VT rated 110V ac II. Single phase CT rated 1A ac III. The AVR will be powered by 90-260 Vac/dc. IV. Digital inputs/Outputs to be rated 90 260ac/dc. V. Should have overvoltage, undervoltage and overcurrent elements. VI. Auto & Manual selection VII. The AVR should be IEC 61850 compliant. It should also be enabled with parametrization port IX. Should support transducer tap position reporting format (4-20mA) and BCD tap position reporting. Input: VDC, Class: 0.5, Output: Selectable (VDC 1-5-10), (mA DC 1-5-10-20 (4/20)), Resistive load: 700 Ohm.	N/A	3	
24	DC Voltage Transducer	Revalco UC COR		N/A	1	

B. Tender Clarification No.1

S/N	Bidder's Specific Query	KETRACO Response
1.	Do they have an MLFB number for the below AVR relay so that we can check if it is still available?	The MLFB number is not required. The latest MR Tapcon 230 Expert model that meets the technical specifications is required.
2.	Kindly get us the serial numbers for the SIPROTEC 5 relays. It will greatly help with preparing a fully responsive offer.	Refer to the revised list of goods and delivery schedule in addendum No 1.
3.	To quote for items 1-5 we require more information such as the serial numbers of the relays which are already on site. We require this so we are able to match	Refer to the revised list of goods and delivery schedule in addendum No. 1.

S/N	Bidder's Specific Query	KETRACO Response
	the relays on site to ensure we offer relays that are aligned with what is being a replacement or spare.	
4.	Can a tenderer attach manufacturer experience.	Refer to Section III: Evaluation and Qualification Criteria, sub section 2.2: Evaluation of Tenders.
5.	Do we attach manufacturer ISO 9001 certification or tenderers because we will attach manufacturer ISO.	Refer to Section III: Evaluation and Qualification Criteria, sub section 2.2: Evaluation of Tenders.

All other terms and conditions of the tender document remain the same.

USER REPRESENTATIVE: Victor S. Inganga

SIGNATURE: 

APPROVED BY:



ISAAC ROTICH

Ag. SENIOR MANAGER, SUPPLY CHAIN

Tender Addendum and Clarification No. 1 of Tender No. KETRACO/PT/038/2024 has been received and incorporated in the Tender Documents

Name of Tenderer (in block letters):

Signature:

Date:

Signed for the Tenderer by (Name in block letters):

In the office bearer capacity of