



ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY

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OUR REF:..... FN/ec

YOUR REF

WHEN CALLING WITH REFERENCE
TO THIS LETTER PLEASE ASK FOR

..... F. Nyamakambo.....

23 October 2023

To All Bidders

Dear Sir/Madam

ADDENDUM NO. 3 FOR TENDER NO. ZETDC/INTER/06/2023 FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF 20MVA, 132/88/11KV POWER TRANSFORMER AT GLENVILLE 88/11KV SUBSTATION

The above subject matter refers.

Attached herewith is **ADDENDUM NO. 3** for Tender No. ZETDC/INTER/06/2023 for the Supply, Delivery, Installation and Commissioning of 20MVA, 132/88/11kV Power Transformer at Glenville 88/11kV Substation in response to queries raised by participating Bidders.

Yours faithfully

F. NYAMAKAMBO
SUPPLY CHAIN MANAGER

ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY



ADDENDUM NO. 3

TO STANDARD BIDDING DOCUMENT (SBD) FOR TENDER NO. ZETDC/INTER/06/2023

FOR THE SUPPLY, DELIVERY, INSTALLATION AND COMMISSIONING OF 20MVA, 132/88/11KV POWER TRANSFORMER AT GLENVILLE 88/11KV SUBSTATION

ATTACHED:

- Technical Guarantee Schedule for 11kV Lightning Arrestor (Station Type).
- Technical Guarantee Schedule for “Statistical Metering Panel Measurands to be SCADA Monitored.
- 11 kV Single Line Diagram.

TECHNICAL GUARANTEE SCHEDULE FOR 11KV LIGHTNING ARRESTOR (STATION TYPE)

Please complete this schedule by stating the actual tendered specification, state date and sign as indicated.

No	Item Description	ZETDC Requirement	GUARANTEED VALUE (BIDDER'S OFFER)
1	Rated Voltage	11kV	
2	Rated Frequency	50Hz	
3	Power frequency withstand voltage	28kVrms	
4	Lightning Impulse withstand voltage	95kV peak	
5	Rated short time withstand current	65kA 0.2 sec.	
6	Basic Insulation Level (BIL)	95kV	
7	Maximum Continuous Operating Voltage (MCOV)	10kVrms	
8	Nominal Discharge Current (In 8/20us)	10kA	
9	Temporary Over Voltage (TOV)	14kV for 0.1 sec.	
10	Discharge Class	2	
11	Creeping Distance	25mm/kV	
12	Type	Metal Oxide	
13	Installation Type	Single column, installed between Phase and E	
14	Housing	Silicone Rubber	
15	Operating Environment	Outdoor	

Tenderer's Signature.....

Date.....



TECHNICAL GUARANTEE SCHEDULE FOR METERING PANEL

Statistical Metering Panel Measurands to be SCADA Monitored

Please complete this schedule by stating the actual tendered specification, state date and sign as indicated.

No	Item Description	ZETDC Requirement	GUARANTEED VALUE (BIDDER'S OFFER)
1	Height	2260mm	
2	Width	800mm	
3	Depth	600mm	
4	Protection class	IP42	
5	Door lock	Double web 5mm handling pin	
6	Cubicle colour	RAL7032	
7	Rated supply voltage AC	230V	
8	Rated Supply voltage DC	110V	
9	Cubicle illumination	T5 4W	
10	Heating	100W, JRQ-100	
11	Heating control	DHT-11	
12	AC power outlet	230V 13A	
13	Cable duct	PVC	
14	Wire Colour Earthing	Green/Yellow	
15	Terminal	Phoenix Contact IP20	
16	Terminal CT/VT	OTTA6	
17	Terminal AC/DC	OTTA6	
18	Rack	19``	

Tenderer's Signature.....

Date.....

Real time and Historical Measurands

I - Current

V - Voltage

f - Frequency

PF – Power Factor

MW - Megawatt

MVA_r – Apparent Reactive Power

MVA – Apparent Power

MWh – Megawatt Hour (Energy)

MVA_rh – Reactive Energy



