



ZIMBABWE ELECTRICITY TRANSMISSION & DISTRIBUTION COMPANY

HEAD OFFICE
ELECTRICITY CENTRE,
25 SAMORA MACHEL AVENUE,
HARARE
P.O. BOX 377, HARARE
TELEPHONE: 774491/9, 774508/35
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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

CLARIFICATION 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 **CLARIFICATION 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

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

CLARIFICATION NO. 3

Item	Description/Query from Bidder(s)	ZETDC Response
1.	Page 89 of 110, item 3, Insulating Medium: The insulation should be air; the interrupting medium can be Sf6 or vacuum.	Vacuum is preferred
2.	Page 89 of 110, item 7, Current Rating: What is the incomer current? Is it 2000A or 1400A?	2000A
3.	Page 89 of 110, item 7, What is the feeder current? It is 1250A or 1600A?	1600A
4.	Page 89 of 110, item 7, What is the current of the busbar? It is 2000A or 2500A?	2000A
5.	Page 89 of 110, item 13, Arc Protection: Should the factory provide the arc protection relay?	Yes
6.	Page 90 of 110, item 20, Can you accept height 2300mm?	No
7.	Page 90 of 110, item 21, Can you accept 900kg weight?	No
8.	Page 90 of 110, item 25, What is the CT ratio?	800/400/200/1 for feeder and 1600/1000/800/1 for transformer incomer
9.	Page 90 of 110, item 25, What is the CT burden? Is it 15VA enough?	20
10.	Page 90 of 110, item 25, What is the accuracy? Is it 10P20, 0.5 enough?	0.2
11.	Kindly provide technical dimensions for 16 Panel 11kV indoor switchgear board.	Max height for each panel – 1800mm Max width for each panel – 1000mm
12.	Kindly provide the technical guarantee schedule for 11KV lightning arrester (station type).	Refer to Addendum No. 3 to the Standard Bidding Document (SBD) provided on the ZETDC website. Attached to Addendum No. 3 to the SBD is the Technical Guarantee Schedule for 11KV Lightning Arrester (Station Type)
13.	According to our manufacturer the standard transformer impedance value for 110kV transformer is 10.5% and the dual-voltage is preferably larger than 10.5, so the plan is calculated to 12%. In the clarification No. 2, item 4, you replied giving the impedance value as 6-7%. Kindly advise the final position.	The maximum transformer impedance allowable is 10% since the transformer is dual ratio.

ZETDC H/O PROCUREMENT
7 OCT 2023
 2nd Floor, Southern, Electricity Centre
 25 S. Machel Avenue, Harare
 Tel: 0242 750262
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14	<p>Statistical Metering Panel:</p> <p>While reviewing the tender document, we observe that the technical specification for Statistical Metering panel is missing. Please provide Specification for “Statistical Metering panel measurands to be SCADA monitored”</p>	<p>Refer to Addendum No. 3 to the Standard Bidding Document (SBD) provided on the ZETDC website.</p> <p>Attached to Addendum No. 3 to the SBD is the Technical Guarantee Schedule for Statistical Metering Panel.</p>
15	<p>11 kV Single Line Diagram:</p> <p>While reviewing the tender document, we observe that Single Line diagram is not available in documents.</p> <p>Please provide the 11 KV Single Line Diagram</p>	<p>Refer to Addendum No. 3 to the Standard Bidding Document (SBD) provided on the ZETDC website.</p> <p>Attached to Addendum No. 3 to the SBD is the 11kV Single Line Diagram</p>

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7 OCT 2013

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