



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.....

12 February 2024

To All Bidders

Dear Sir/Madam

CLARIFICATION NO. 1 FOR TENDER NO. ZETDC/INTER/13/2023 FOR THE DESIGN, MANUFACTURE, TESTING, SUPPLY AND DELIVERY OF METERING CURRENT TRANSFORMERS

The above subject matter refers.

Attached herewith is **CLARIFICATION NO. 1** for Tender No. ZETDC/INTER/13/2023 for the Design, Manufacture, Testing, Supply and Delivery of Metering Current Transformers in response to queries raised by participating Bidders.

Yours faithfully

F. NYAMAKAMBO
SUPPLY CHAIN MANAGER

CLARIFICATION NO. 1: TENDER NO. ZETDC/INTER/13/2023 FOR THE DESIGN, MANUFACTURE, TESTING, SUPPLY AND DELIVERY OF METERING CURRENT TRANSFORMERS

Item	Description/Standard Bidding Document (SBD) Clause	Clarification Required/ Query from Bidder(s)	ZETDC Response
1.	<p>Clause No. 4 (vii) General Characteristics</p> <p>Must confirm to IP51 degree of protection</p> <p>Clause No. 7.1 Point No. 8 Technical Guarantee Schedule For Current Transformers</p> <p>Must confirm to IP54 degree of protection</p>	<p>Please clarify the IP rating requirement as it is contradictory in two different clauses.</p> <p>As per our understanding it should be IP51 as it will be installed inside the boxes.</p>	<p>The main difference between indoor and outdoor metering CTs is their design and construction. Indoor CTs are typically smaller and lighter, as they don't need to withstand the same environmental conditions as outdoor CTs.</p> <p>Outdoor CTs are typically larger and more robust, with weatherproof enclosures and construction. They're also designed to withstand extreme temperatures, humidity, and UV radiation. In terms of performance, both indoor and outdoor CTs are equally accurate, but outdoor CTs typically have a longer lifespan. The standard for indoor and outdoor metering CTs is IEC 61869-1.</p> <p>The required CTs must conform to IP54 degree of protection</p>
2.	<p>Clause No. 6.8.1 Particular Technical Requirements</p> <p>Burden 15VA</p> <p>Clause No. 7.1 Point No. 21 Technical Guarantee Schedule</p> <p>Burden: 7.5VA-15VA</p>	<p>Please clarify the requirement of burden of the CTs.</p> <p>It is contradictory in two different clauses</p>	<p>At some installations there are long cables and these also impose additional burden on the CTs.</p> <p>The correct burden is 15VA</p>
3.	<p>Clause No. 5.1.1 and Clause 6.3</p>	<p>We have noted that your technical specifications seem to be conflicting, as it seems like you are requesting for an outdoor metering current transformer in clause 5.1.1 while you are asking for an indoor type in clause 6.3.</p>	<p>The required CTs must conform to IP54 degree of protection which is outdoor</p>
4.		<p>Please kindly clarify and or confirm the type of metering current transformer you are looking for.</p>	<p>The required burden is 15VA</p>