

Our Ref: KETRACO-PT-007-2025-2026

24th April 2026

Notice to all Bidders,

TENDER ADDENDUM AND CLARIFICATION 2

RE: TENDER FOR SUPPLY OF ONE (1) 150MVA, 220/132/33KV POWER TRANSFORMER WITH ONLOAD TAP CHANGER (OLTC), TENDER NO. KETRACO/PT/007/2025-26

The following amendments are made to the specified provisions of the **TENDER FOR SUPPLY OF TWO (2) 150MVA, 220/132/33KV POWER TRANSFORMER (TENDER NUMBER KETRACO/PT/007/2025-26)**. Save where expressly amended by the terms of this addendum, the Principal Tender Document shall continue to be in full force and effect.
Find herein the ADDENDUM, consisting of seven (7) pages into the Principal Tender Documents.

Tender Addendum and clarification NO 2

No.	Clause	Clarification	KETRACO Response
1.	Special conditions of contract Page 2 GCC16.1	<p>Payment for Goods supplied from abroad: Payment of foreign currency portion shall be made in THE AWARDED CURRENCY in the following manner:</p> <p>Advance Payment: This will be discussed during contract negotiations</p> <p>On Shipment: This will be discussed during contract negotiations</p>	<p>Special conditions of contract Clause 16.1 outlines the payment terms as follows:</p> <p>“A. Payment for Goods supplied from abroad:</p> <p>Payment of foreign currency portion shall be made in THE AWARDED CURRENCY in the following manner:</p> <p>(i)</p>



		<p>On Acceptance: This will be discussed during contract negotiations</p> <p>Please kindly indicate the specific payment ratio, payment date.</p>	<p>Advance Payment: Ten (10) percent of the Contract Price shall be paid within thirty (30) days of signing of the Contract, and upon submission of claim and a bank guarantee for equivalent amount valid until the Goods are delivered and, in the form, provided in the Tendering document or another form acceptable to the Procuring Entity.</p> <p>(ii)</p> <p>On Shipment: Eighty (80) percent of the Contract Price of the Goods shipped shall be paid through irrevocable confirmed letter of credit opened in favour of the Supplier in a bank in its country, upon submission of documents specified in GCC Clause 12.</p> <p>(iii)</p> <p>On Acceptance: Ten (10) percent of the Contract Price of Goods received shall be paid within thirty (30) days of receipt of the Goods upon submission of claim supported by the acceptance certificate issued by the Procuring Entity.</p>
<p>2.</p> <p>Tender data sheet page 2 ITT 13.8 (a) (i) and (iii)</p>	<p>Place of final destination: ISINYA SUBSTATION.</p> <p>Please kindly clarify the coordinates of the substations.</p>	<p>The coordinates of Isinya Substations are:</p> <ul style="list-style-type: none"> • 1°46'30"S • 36°49'54"E 	
<p>3.</p> <p>SPECIFICATIONS FOR SPARE 150MVA 220-132 kV POWER</p>	<p>37.5 Naphthenic 37.6 non-inhibited</p> <p>Diala S4 oil is Paraphenic based oil and trace inhibited. Please confirm.</p>	<p>Please note that Clause 5.3.8 of the Technical Specifications clearly defines the transformer oil to be supplied. The specified oil is Shell Diala S4 ZX-I, and its properties are detailed in the technical data sheets.</p>	

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	TRANSFORMER_ Page 42		Bidders are required to comply fully with this specification
4.	Tender data sheet page 3 ITT reference	The deadline for tender submission is 30th April 2026. Please kindly extend the tender submission deadline to 30th May 2026.	Please refer to Tender Addendum and Clarification 1, where the submission deadline was extended. The revised deadline for tender submission is 14 th May 2026.
5.	SPECIFICATIONS FOR SPARE 150MVA 220-132 kV POWER TRANSFORMER - Type tests	We note the requirement for submission of type test reports for the proposed transformers. In this regard, we kindly request clarification on the acceptable evaluation criteria for such reports. Specifically, please confirm: a) Whether type test reports conducted on transformers of similar design, construction, technology, and manufacturing process, but with different ratings, shall be considered acceptable for compliance purposes. If acceptable, kindly indicate the permissible range of deviation between the tested unit and the offered unit in terms of: I. Rated capacity (MVA) II. Voltage class III. Impedance IV. Cooling method V. Tap changer arrangement VI. Insulation level / BILL	a). Type test reports conducted on transformers of similar design shall be considered acceptable, provided that the transformer is from the same manufacturer, same design family, with identical core design principles, winding configuration, insulation system, materials, cooling philosophy, and manufacturing process. The submitted type-tested transformer shall represent an equal or more onerous duty compared to the offered transformer, and shall be evaluated against the following criteria: i. Rated Capacity (MVA): Rated capacity equal to or greater than specified. ii. Voltage Class: Same or higher voltage class (Um). Reports for lower voltage classes shall not be accepted. iii. Impedance: Within $\pm 10\%$ of the specified impedance.

			<p>iv. Cooling Method: Identical in type and design (e.g., ONAN). Differences in cooling classification shall not be accepted.</p> <p>v. Tap Changer Arrangement: The tap changer shall be identical in type (OLTC), location (e.g. HV windings), control philosophy (e.g. AVR), and operational principle (e.g. resistor type).</p> <p>vi. Insulation Level / BIL: Equal to or higher than those specified.</p>
<p>6.</p> <p>SPECIFICATIONS FOR SPARE 150MVA 220-132 kV POWER TRANSFORMER - Type tests</p>	<p>b) Whether the submitted type test reports must be from the exact same model/rating offered, or whether reports from a transformer within the same product family/series will suffice. The acceptable age/validity period of the submitted type test reports, if any.</p>	<p>Type test reports from a transformer within the same product family or series shall be acceptable, provided compliance with the similarity criteria outlined above is demonstrated.</p> <p>The validity period is as specified in Clause 4.4.7 of the Evaluation Criteria, and bidders must comply accordingly.</p>	
<p>7.</p> <p>SPECIFICATIONS FOR SPARE 150MVA 220-132 kV POWER TRANSFORMER - Type tests</p>	<p>c) Whether type tests conducted by internationally accredited independent laboratories or witnessed tests at the manufacturer's facility are both acceptable.</p>	<p>Please refer to Clause 4.4.7 under the Technical Evaluation Criteria, which outlines the requirements regarding the acceptability of type tests.</p>	
<p>8.</p> <p>SPECIFICATIONS FOR</p>	<p>We note that the Technical Data Sheet specifies Shell insulating oil for the transformer. Kindly clarify whether:</p>	<p>Clause 5.3.8 specifies Shell DIALA S4 ZX-I as the required transformer oil, and bidders must comply fully with this</p>	

	SPARE 150MVA 220-132 kV POWER TRANSFORMER Insulating oil	<p>a) The mention of Shell insulating oil is intended as a reference to the required quality and performance standard, rather than a mandatory proprietary brand requirement.</p> <p>b) Equivalent transformer insulating oils from other reputable manufacturers shall be acceptable, provided they fully comply with IEC 60296 and meeting all specified technical requirements, are acceptable.</p>	<p>requirement. Equivalent oils from other manufacturers are not acceptable.</p>
9.	Schedule of requirements Form	<p>We note that the Schedule of Requirements Form has been listed among the documents required for Preliminary Evaluation (Mandatory Requirements). However, upon review of the tender document, the referenced form does not appear to have been provided or included in the tender schedules.</p> <p>In this regard, we kindly request clarification on the following:</p> <p>a) Whether bidders are required to submit a specific prescribed Schedule of Requirements Form;</p> <p>b) If so, kindly provide the missing form or indicate where it may be accessed within the tender document;</p> <p>c) In the absence of a prescribed format, kindly confirm whether bidders may prepare and submit their own schedule based on the technical specifications and scope of supply outlined in the tender document.</p>	<p>Please refer to the "List of Goods and Delivery Schedule" on page 42 of the Technical Specifications, which serves as the required Schedule of Requirements. Bidders must complete and submit this form.</p>
10.	Tender submission deadline	<p>We request a 14-day extension to the tender submission deadline to allow us sufficient time to</p>	<p>Please refer to Tender Addendum and Clarification 1, where the submission deadline was extended. The revised deadline for tender submission is 14th May 2026.</p>

11.	SPECIFICATIONS FOR SPARE 150MVA 220-132 KV POWER TRANSFORMER- 6.9 SITE PREPARATION AND DELIVERY	finalize our proposal and ensure full compliance with tender requirements.	
			<p>Please note that the site preparation requirement has been revised from gravel-based support to a plinth foundation as follows:</p> <p>The Contractor shall design and construct a temporary plinth for storage of spare transformer, suitable for the specific unit and subject to Engineer's approval. The plinth shall support the total transformer weight with a minimum safety factor of 1.5, ensure uniform load distribution with differential settlement not exceeding 1/1000, and be founded on a subgrade compacted to $\geq 95\%$ MDD with adequate bearing capacity minimum 150 kN/m². It may comprise reinforced concrete, precast sleepers, or other approved solutions. The surface shall be level within ± 5 mm with proper drainage. Adequate access clearance (minimum 1.5 m) and effective earthing shall be provided. The Contractor shall submit design calculations and drawings for approval prior to construction.</p>

The following clarifications are made to **TENDER FOR SUPPLY OF TWO (2) 150MVA, 220/132/33KV POWER TRANSFORMER WITH ONLOAD TAP CHANGER (OLTCC), TENDER NO. KETRACO/PT/007/2025-26.**

Unless expressly amended by the terms of this addendum, all other terms and conditions of the tender remain the same.

USER REPRESENTATIVE: SYSTEM OPERATION AND POWER MANAGEMENT

NAME: ENG. EDWIN ORONDO

SIGNATURE: 

APPROVED BY: SENIOR MANAGER, SUPPLY CHAIN

NAME: JANE VULIGWA

SIGNATURE: 

