



RURAL ELECTRIFICATION AND RENEWABLE ENERGY CORPORATION

POWER DISTRIBUTION AND REGIONAL COORDINATION DIRECTORATE

BID CLARIFICATION 001

11th March 2025

RFX 1000001288	SUPPLY DELIVERY, INSTALLATION AND COMMISSIONING OF TRANSFORMER AND AC DIELECTRIC SYSTEMS AT MWEIGA AND KISUMU
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The following queries were raised by prospective bidders and the respective response is detailed hereunder:

S/No.	Queries	Response
1.	Partial discharge testing is normally required for High Voltage (HV) electrical equipment not for distribution transformers. It is recommended to supply a lightweight, durable and portable partial discharge (PD) scanner capable of efficiently inspecting various equipment for PD signals. This solution will eliminate the need for constructing specialized isolation room	The provided specification remain unchanged and should not be altered. However, bidders may propose a portable version of the PD scanner, provided that it fully complies with the stipulated technical requirements and performance criteria. Ensure that any proposed solution aligns with the tender specifications without modifications.
2.	We request that REREC provide detailed specifications or descriptions for the portable 7-tonne gantry crane, including specifics on the electric hoist, motorized trolley, crane travel provisions and lifting capabilities. Additionally, we request confirmation that sufficient space for the safe installation and operation of the gantry crane will be made available.	The following specifications shall apply for the 7-tonne gantry crane: <ol style="list-style-type: none"> 1. Lifting mechanism: <i>Should have a 7-Ton electric chain hoist</i> 2. Motorized trolley: <i>Should have motorized trolley.</i> 3. Crane travel provisions: <i>Universal load-bearing wheels with motor, brakes, 360° flexible movement</i> 4. Lifting capabilities: <i>Maximum lifting capacity 7 Tons.</i> 5. Availability of sufficient space: <i>See attached proposed test bench floor plan layout for reference. Let the span be 3 meters and a lifting height of 3 to 4.5 meters, it should be adjustable by electricity.</i> 6. Power Supply: <i>Include a Heavy Duty Extension Reel 50M with 2.5mm 3 core cable.</i> 7. Lifting height adjusted speed: <i>1m/min</i> 8. Control Mode: <i>Pedant control and wireless remote control</i>

3.	We have identified typographical errors in the relevant section, which have been highlighted for your review.	<p>Discrepancy between the words and the figures description for voltmeter and ammeter readings shall be considered as follows: Voltmeter: Six 6-digit display showing true RMS and average readings simultaneously.</p> <p>Ammeter: Three 3-digit display showing true RMS and average readings simultaneously.</p>
4.	The manufacturer's test report, as referenced in the KPLC evaluation criteria for the supply of comparable equipment, should be considered sufficient for this requirement.	The manufacturer's test report alone shall not be considered sufficient for this equipment, there shall be a requirement for a test report from a third-party laboratory accredited to ISO/IEC 17025 such as KEBS.
5.	The control desk will be placed on a raised mezzanine floor with the specified load-bearing steel framework, checker plate flooring, bracing system, and a steel stairway for access. The implementation of this structure is contingent on the availability of space, and we kindly request REREC to provide the relevant site details.	<p>Find attached the floor plan layout indicating the proposed control desk space (floating mezzanine floor) (blue hatching).</p> <p>The allocated space for the testing system is 50m². The placement of the floating mezzanine floor and testing area is at the discretion of the bidder provided sound engineering, fitness for purpose and economical use of the space is ensured.</p> <p>The floating mezzanine floor shall be directly above the testing area. The Operator MUST have clear line of view of the testing area. The mezzanine floor should be sufficient to house the control desk with three ergonomic seats, 2 door full metallic storage cabinet and a 3 tier printer table.</p>

6.	We propose that the tenderer provide a qualified civil work engineer for the civil works.	Yes. The Bidder is expected to provide a qualified civil engineer for the civil works scope. The Bidder is required to provide NCA 6 for Civil Works or attach the same for their Civil Works Sub-Contractor.
7.	We kindly request an extension of the tender submission deadline by one week to finalize our preparations.	New tender closing date shall be on 26 th March, 2025
8.	We would like to seek clarification if we can offer the more technologically advanced & superior alternative which deviates from your specifications but offers better performance and service life.	<p>Bidders shall provide a motor generator set since the objective is to have a long lifetime equipment with a 5 year warranty.</p> <p>The <i>Kenya National Distribution Grid Code, Sub-Clause 6.3.2. System Frequency</i> has provided for allowable system frequency variance of between 48.75 to 51.25 Hz which is a variation of 2.5Hz.</p> <p>The Frequency Converter set shall be considered in the future or for a mobile testing equipment.</p>
9.	We would also like to request for shortening on the warranty period from 5 years to 2 years.	The Warranty Period shall be for 5 years since this is a fundamental equipment for the Corporation.