



Kenya Power

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Nairobi, Kenya

Our Ref: KP1/9A.3/OT/48/20-21/JM/js

30th July 2021

TO: ALL PROSPECTIVE BIDDERS

**RE: CLARIFICATION ON 17.5kV SWITCHGEAR BOARD WITH VACUUM CIRCUIT BREAKER
TENDER NO. KP1/9A.3/OT/48/20-21**

Please refer to the above tender.

We make the following amendments to the above Principal Tender Document (*hereinafter abbreviated as the PTD*) for the Supply and delivery of Expulsion Fuse Mounts.

1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT

Save where expressly amended by the terms of this Addendum, the PTD shall continue to be in full force and effect. The provisions of this Addendum shall be deemed to have been incorporated in and shall be read and construed as part of the PTD.

Reference specifications: **KP1/13D/4/1/TSP/11/001-4 & KP1/13D/4/1/TSP/11/001-5**

CLARIFICATION 1

	Technical Query	KPLC Response
1.	<p>Section 4.5.2.2 defines a Relay module that has arc flash management card for inputs from arc flash sensors in Cable, CB and Bus compartments.</p> <p>Since the arc protection is already a standard feature and function on the Relay, is the specifications requesting for an additional arc flash protection design that is separate from the one already in the Relay?</p>	<p>The Arc protection Scheme shall include three sensors per switchgear panel; i.e., Cable Compartment, Circuit Breaker Compartment and for Busbar Compartment. The Arc Protection Function may be integrated in the Protection relay or may be provided by a device separate from the Protection Relay. The bidder will describe in the bid document how exactly the scheme will be implemented for the</p>

		switchgear board, complete with drawings, for tender evaluation purpose.
2.	Section 4.2.3 of the specification outlines limits for panel dimension. The incomer will be 780mm (max) and outgoing feeders 630mm (max). To meet IEC standards and other design requirements in the specs, is it acceptable to have a panel of 800mm width, both for incoming and outgoing feeders?	The insulation Design Requirements, including dimensions for the switchgear Panels must be maintained as specified.
3.	Section 5.3.8 shows that the Operator Station is not in Scope. Section 5.3.12 , however, shows that the entire station shall have capability of to be controlled and supervised from Station HMI. Who will provide Station Software (SAS).	The bidder shall not provide Substation Automation System Software.

Clarification 2

1	Clause refers to a switchgear's operating environment as Heavy Saline (pollution level IV). This is based on IEC 60815 . Can an offer based on an alternative standard IEC 62271-1 (Environment and Operations conditions for indoor Switchgear) suffice?	The IEC 62271-1 clause 4.2.3 defines the General Operating Conditions of a switchgear. It is not an alternative to IEC 60815 that specifically defines pollution levels under which the insulator (which is part of a switchgear) can serve. The manufacturer to design as per the required IEC 60815 Standards stated in the specification.
2	As manufacturers, can we nominate a local partner/Agent to participate on our behalf	Ok.

2. CLOSING DATE

The closing date has been extended from **04.08.2021** to **11.08.2021** at **10.00am** to pave way for response to clarification.

All other terms and condition remain the same.

Kindly adhere to the changes.

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY PLC



RUTH OYILE

Ag. SUPPLY CHAIN MANAGER, PROCUREMENT.