

*Central Office – P.O. Box 30099, Nairobi, Kenya
Telephone – 254-02-3201000
Fax No. 254-02-3514485
Stima Plaza, Kolobot Road
Nairobi, Kenya*

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

16th August, 2021

TO:

ALL PROSPECTIVE BIDDERS

**ADDENDUM 7 TO THE TENDER NO: KP1/9A.3/OT/48/20-21 FOR SUPPLY OF 17.5KV SWITCHGEAR
BOARDS WITH VACUUM CIRCUIT BREAKERS**

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 17.5KV switchgear boards
with vacuum circuit breakers.

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.

2. CLARIFICATIONS

Reference specifications:

- i) KP1/13D/4/1/TSP/11/001-4: 17.5kV Air Insulated Indoor Switchgear Panels – Part 4: Jevanjee
Substation Spares – Specification.
- ii) KP1/13D/4/1/TSP/11/001-5: 17.5kV Air Insulated Indoor Switchgear Panels – Part 5: Capitol
Switching Station Spares – Specification

The following observations are made:

Item	Clause	Clarification sought by bidders	KPLC Response
1	4.2.3	The width of the panels for outgoing feeders and bus PTs shall not exceed 630mm. The width of the incomer and bus-section panels shall not exceed 780mm.	The requirement is a must. Comply with clause 4.2.3 of the specifications

Item	Clause	Clarification sought by bidders	KPLC Response
		Kindly indicate if this requirement is not a must, can we provide our specification	
2	4.2.14	The air insulated switchgear panels shall be constructed to IP 43 degree of protection as per IEC 60529. Kindly suggest if IP41 can be accepted.	No. comply with IP43 requirement as per clause 4.2.14 of the specification
3	4.3.1.1	Item 8 power frequency 1 min test voltage shall be 3kV. Kindly suggest if power frequency 1 min test voltage 2kV can be accepted.	No. Comply with 3kV Power frequency 1 min test voltage as per clause 4.3.1.1 of the specification
4	Tender document	Please indicate the scope of work	The scope of the tender is Supply of 17.5kV Switchgear Boards With Vacuum Circuit Breakers as per clause 1.1 of the tender document and clause 1 of the specification.
5	Specification	Please provide with specific main drawings of the equipment	The specification sufficiently describes the scope of the required equipment.
6	Tender document	Please confirm whether the tender should provide with installation at site and commissioning and operation.	The tender is for supply only as per clause 1.1 of the tender document and clause 1 of the specification.
7	Tender document	Please confirm whether the tender should provide with sample of 17.5kV switchgear	As per item 9 of Appendix to Instructions to Tenderers, Sample is not applicable to this Tender. However, successful bidders shall be required to submit Drawings for approval before manufacturing.
8	Appendix D	The bidder must have provided similar products to at least three continents (Europe, North America, South America, Africa). We have supplied to two continents, which cannot meet the requirements. Kindly suggest on this problem	Fully comply with appendix D of the specification.
9	Tender document	For foreign suppliers, should we also quote the price with VAT or not? If we need to pay VAT, do we pay VAT through KPLC or by ourself?	Foreign bidders shall quote their offer in "DAP" wherever appearing means the supplier or its appointed agent shall have the responsibility of shipping the goods, paying all freight costs

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			and the discharging port charges, payment of customs duties and taxes on behalf of KPLC (should be made in the name of KPLC where Value added Tax (VAT) paid at the port will be reimbursed), undertaking customs clearance of goods, transporting and delivering the goods from the port of discharge to KPLC stores or other destination as may be indicated.
10	Tender document	For foreign suppliers, the price we need to quote is DAP price, where should we deliver the good to? To Mombasa port or KPLC store? Please clarify	The goods shall be delivered to KPLC stores as advised in the tender document section IV-schedule of requirements.
11	Tender document	For the payment, if L/C is available, what are the documents will be required to convert L/C?	To open an LC, the following documents are required. <ol style="list-style-type: none"> 1. Proforma invoice 2. Official purchase order 3. Signed contract agreement by both parties.
12	Tender document	Tender extension request: We write to request extension of the tender closing date for at least two to three weeks owing to the type of the equipment which is of technical design in nature and ample time to receive and consider all response to clarifications sought by us and any other interested bidders	Tender closing date has been extended from 20 th August 2021 to 27th August 2021
13	4.9.1, 4.9.2 and 4.9.3	Specification for Jevanjee (KP1/13D/4/1/TSP/11/001-4) Test block are required in clause 4.9.1 and 4.9.2 but there is no requirement for any test block in clause 4.9.3. Question: Does it mean test block is necessary only for outgoing feeder and transformer Incomer, and no need to provide for bus section?	The bidder shall provide a testing facility as provided in clause 4.15.1.1 for the Bus section panel.
14	4.9.1, 4.9.2, 4.9.3, 4.5.2.7, 4.5.3.5, and 4.5.4.8	Specification for Jevanjee (KP1/13D/4/1/TSP/11/001-4) There is no TCS relay in clause 4.9.1, 4.9.2, 4.9.3, but there is TCS LED indicator of relay	The bidder shall provide a separate TCS relay as described in clause 4.5.1.14 Part D of

Item	Clause	Clarification sought by bidders	KRLC response
		front face in clause 4.5.2.7, 4.5.3.5, or 4.5.4.8. Question: In considerations of the above, is it acceptable if one can provide TCS relay functions as an integrated function of the protection relay by programmable input or it's a must for the TCS relay to be an independent relay?	table 6. The LED indications on the relay front phase shall be inputs from the separate TCS relay.
15	4.9.1, 4.9.2, 4.9.3	Specification for Jevanjee (KP1/13D/4/1/TSP/11/001-4) There is no trip relay in clause 4.9.1, 4.9.3 and there is LV master trip relay in clause 4.9.2. Question: Does it mean, the relay can trip the coil of the CB of outgoing feeder and bus section directly, and hence need to trip the coil of CB of Transformer Incomer by use of the master trip relay?	The bidder shall comply with the requirement for an LV master trip relay on transformer incomer as in clause 4.9.2. All Switchgear Panels; Feeder, Incomer and Bus-section will be equipped with Trip Relays.
16	1.2	Specification for Capital (KP1/13D/4/1/TSP/11/001-5). Clause 1.2 of the specification dictates that it covers a covers a complete 17.5kV switchgear metal enclosed boards comprising of 2 No. incoming feeders (Incomers) boards, 7 No. outgoing feeders boards, 1 No. Bus Section panel, 1 No. Bus Potential Transformer(PT) cum riser panel, Control devices, Protection Relays, Instrument Transformers, SAS and all other necessary equipment and accessories to make a complete working Medium Voltage Indoor Switchgear Board. The Incomers shall come complete with VTs. Question: Because this scheme is a two section incoming line, if only on bus PT is equipped, the other bus has no voltage signal after the bus cabinet is disconnected. Therefore, for proper design, we would like to know if there is an additional bus PT cabinet added in the scheme to provide voltage signal when the double circuit is running? i.e <i>A complete 17.5kV switchgear metal enclosed boards comprising of 2 No. incoming feeders (Incomers) boards, 7 No. outgoing feeders boards, 1 No. Bus Section panel, 1 No. Bus PT panel, 1 No. Bus Potential Transformer(PT) cum riser panel, Control devices, Protection Relays, Instrument Transformers, SAS and all other necessary equipment and accessories to make a complete working Medium Voltage Indoor Switchgear Board. The Incomers shall come complete with VTs.</i>	The bidder shall implement the provisions of clause 4.2.42 to allow for secondary VT supply under all operating configurations of the board. The main VTs shall be the incomer VTs. The bus PT in the bus riser shall be wired for the respective section of the bus, and shall serve as an alternative to the Incomer VTs in that section.

NB:

The closing dated has been extended from **20th August, 2021 to 27th August, 2021.**

All other terms and condition remain the same.

Kindly, adhere to the clarifications changes.

Yours faithfully,

FOR: THE KENYA POWER & LIGHTING COMPANY PLC



JANE MUIGAI
SUPPLY CHAIN MANAGER, PROCUREMENT