



The Kenya Power & Lighting Co. PLC.
Central Office – P.O. Box 30099, Nairobi, Kenya
Telephone – 254-02-3201000-Telegrams 'ELECTRIC'- www.kenyapower.co.ke
Stima Plaza, Kolobot Road

Our Ref: KP1/6E.3/OT/1/24/B19

11TH November 2024

TO: ALL PROSPECTIVE BIDDERS

Dear Sir/ Madam

**CLARIFICATION NO. 1 TO BIDDING DOCUMENTS (ITB 7.1) FOR TENDER NO: KP1/6E.3/OT/1/24/B19
PROCUREMENT OF SINGLE PHASE PRE-PAID METERS AND MINIATURE CIRCUIT BREAKERS- FOR THE
LAST MILE CONNECTIVITY PROJECT (EIB) ISSUED ON 9TH OCTOBER 2024.**

The following responses are made to clarifications sought on various issues in the bidding document for procurement of **Procurement of Single Phase Pre-Paid Meters and Miniature Circuit Breakers- KP1/6E.3/OT/1/24/B19 for the Last Mile Connectivity Project (EIB).**

No.	Bidder Query/ Comment	KPLC Response
1.	<p>We are writing to you in reference to the above subject of procurement. We commend KPLC for undertaking such a significant procurement, which we believe has the potential to strengthen KPLC's competitive standing.</p> <p>However, as a potential bidder we must express our serious concerns regarding certain provisions in the document As currently structured, do not appear conducive to ensuring a fair and competitive bidding process as it automatically disqualifies some manufacturers or firms.</p> <p>Section 4.1 under similar experience requests for specific supply contracts completed in the last 5 years for DIN meters without the option of (or equivalent) as we believe this clause was to show capacity on volume of contracts. Exclusion of the word equivalent maybe construed to appear that the Kenya Power & Lighting Company (KPLC) is setting criteria that would effectively</p>	<p>Capacity should be in relationship to the item being procured hence the [provision in the issued Bidding documents.</p>

No.	Bidder Query/ Comment	KPLC Response
	<p>exclude most qualified firms in Kenya and globally from participating in this process.</p> <p><i>Under ITB 34.2, Submission of Meter Samples is therefore required at bid submission stage, this clearly safeguards you as a client on quality control.</i></p> <p>I wish to refer to PPRA Circular No. 04/2023 dated 25th July 2023 (REF: PPRA/6/5 VOL II(143). This circular reiterated that: That Article 227 of the Constitution of Kenya 2010 provides that Public Procurement should be conducted in a system that is fair, equitable, transparent, competitive and cost effective. It is therefore critical that procuring entities ensure that the tendering requirements including eligibility criteria and mandatory requirements for potential bidders promote fair and open competition among those who may wish to participate in the procurement proceedings.</p> <p>In light of the concern raised, we humbly request that you include the term (or equivalent) in section 4.1. As it stands, the eligibility requirement 4.1 on similar experience imposes a disproportionate and exclusionary condition that hinders fair competition, contrary to the principles enshrined in the Constitution of Kenya and public procurement regulations.</p> <p>Revising this requirement will not only foster a more inclusive and competitive bidding process but will also ensure full compliance with constitutional and legal standards.</p>	
2.	<p>Regarding the same tender, page 39 of the tender documents requires the supporting contracts and/or purchase orders be certified. Can we as an international bidder have our documents certified by a notary republic based in Kenya?</p>	<p>This information shall be certified by an auditor that certified the financial statements of the Bidder.</p>
3.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKERS (MCB)- SPECIFICATION 4.2.8 Tamper Evidence 4.2.8.1. The terminals shall be concealed to discourage any attempts of tampering, and to reveal acts of bypassing of the device through external wiring. "We can't understand it clearly, we hope you can describe it further or provide a picture for reference "</p>	<p>4.2.8.2. A proven design of external sealing shall be used for this device. A provision for terminal cover sealing shall be e</p> <p>This clause shall be read together with clause 4.2.8.2 as shown above.</p>
4.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKERS (MCB)- SPECIFICATION 4.2.8 Tamper Evidence 4.2.8.2. A proven design of external sealing shall be used for this purpose, and shall form part of</p>	<p>To be provided as per the specification</p>

No.	Bidder Query/ Comment	KPLC Response
	the device. A provision for terminal cover sealing shall be made. We can't understand it clearly, we hope you can describe it further or provide a picture for reference	
5.	BIDDING DOCUMENT "SECTION I ITB. 20.1" "20.1The Bidder shall prepare one original of the documents comprising the bid as described in ITB 11 and clearly mark it "ORIGINAL." Alternative bids, if permitted in accordance with ITB 13, shall be clearly marked "ALTERNATIVE." In addition, the Bidder shall submit copies of the bid, in the number specified in the BDS and clearly mark them "COPY." In the event of any discrepancy between the original and the copies, the original shall prevail." How many COPIES required to be submitted? Not mentioned in BDS.	1 Original, 2 Copies and a Soft copy (Flash Disk). Refer to Addendum No.1
6.	BIDDING DOCUMENT "SECTION II ITB4.3" https://eeas.europa.eu/topics/sanctions-policy/8442/consolidated-list-ofsanctions_en This link can not be accessed, please provide us the new link to download.	http://www.eib.org/about/accountability/anti-fraud/exclusion/index.htm https://eeas.europa.eu/headquarters/headquarters-homepage/8442/consolidated-list-sanctions_en https://www.un.org/sc/suborg/en/sanctions/un-sc-consolidated-list LINK IS ACTIVE
7.	BIDDING DOCUMENT "SECTION II ITB15.1" "The prices shall be quoted by the bidder in: KSH and/or € The Bidder is required to quote in the currency of the Purchaser's Country the portion of the bid price that corresponds to expenditures incurred in that currency." We are a foreign bidder. We will find a local service provider to be responsible for the clearing and forwarding charges at Mombasa port/border points. Since the agency fees for above service would be paid in Euro, Can we quote the service in Euro?	As indicated in BDS ITB 15.1
8.	GCC 16.1 Page 95 (ii) On Shipment: Eighty (80) percent of the Contract Price of the Goods shipped shall be paid within sixty (60) days through irrevocable confirmed letter of credit opened in favor of the Supplier in a bank in its country, and/or upon submission of documents specified in GCC Clause 13.1. Payment shall be for the specified quantities as per the delivery period.	The issuing bank will be confirmed upon award of contract.

No.	Bidder Query/ Comment	KPLC Response
	Please kindly advise the applicable issuing bank in Kenya	
9.	"Bid Prices and Discounts 14.5"Page 10 A bid submitted with an adjustable price quotation shall be treated as nonresponsive and shall be rejected, pursuant to ITB 29. We couldn't find ITB29. In the ITB section, pages 30 to 31 from ITB25.1 to ITB32.1 are missing. Could you please specify what the requirements are?	Refer to Section 1- Instructions To Bidders (ITB page 17 to 18).
10.	"C. Preparation of Bids ITB 11.1 (k)" Page 27 Manufacturers shall have ISO 9001:2008 or equivalent quality assurance certificate. A copy of such certificate shall be submitted with the bid. ISO: 2015 is the latest standard, ISO: 2008 is expired, ask if the ISO: 2015 certificate meets the requirements?	ISO: 2015 certificate meets the requirements
11.	APPENDIXD: Qualification of the Manufacturer (Normative)D.3 Page 167 "Manufacturing Experience: The manufacturer of the MCBs shall have minimum of 15 years' experience in the manufacture of the MCBs and the manufacturer must have sold at least 100,000 units to overseas customers in the last 5 years." Here it is specified that MCB has more than 15 years of manufacturing experience. But on page 41 it mentioned "(a) Shall have minimum of three (3) years experience in manufacturing the meters and MCBs (Miniature circuit breakers)."Could you please specify what the requirements are?	The requirements shall be as specified on page 41 of the issued bidding document.
12.	Section X. Contract Forms GCC 27.1 The liquidated damage shall be: 0.5% per week Will be there a certificate or receipt issued to show the purchaser get the good?	Refer to GCC 16.1
13.	General Requirements 4.2.2.2.5 The UIU keypad shall be of 12-key, the international standard layout including "information" and "backspace" keys. Is a UIU having the "confirm /OK key" and "backspace" key acceptable	Refer to the requirements of the specification

No.	Bidder Query/ Comment	KPLC Response
14.	<p>General Requirements 4.2.2.2.7</p> <p>The UIU shall conform to the degree of protection IP 54 as specified in IEC 60529. Considering the installation environment is not as harsh as meter, mostly situation is inside the house, Is IP 51 acceptable?</p>	Refer to the requirements of the specification
15.	<p>General Requirements 4.2.2.2.16</p> <p>The UIU shall be able to indicate the meter software. Does it mean the UIU can show the software version of meter on the LCD by short code entering?</p>	Yes
16.	<p>General Requirements 4.2.2.2.21</p> <p>The UIU shall have a buzzer that will give a feedback on key press, Token Accept and Reject melodies, lowcredit alarms as a factory-programmable option. Can we make the buzzer works like this to distinguish the accept and reject of token:</p> <p>1. Token accept: continuous long buzzer sounds last for 5 seconds.</p> <p>2. Token-reject : intermittent buzzer for 5 times, each buzzer for 1 seconds</p> <p>And THE UIU will also show the accept/reject status of each token .</p>	Yes
17.	Communication Protocol	Yes as per the specification

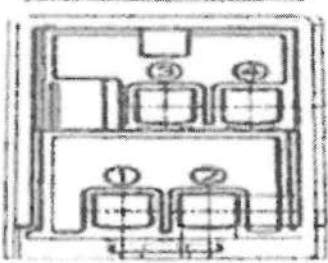
No.	Bidder Query/ Comment	KPLC Response
	<p>DLMS/COSEM or equivalent communication protocol So for the communication protocol between UIU and MCU, we can use DLMS/COSEM protocol</p>	
18.	<p>General Requirement 4.2.1.11 The meter terminal cover shall have screw inserts sealable with utility wire seals. The terminal cover shall be transparent with sealable Nickel-plated steel screws. The nickel plated steel screw shall be long enough for firm holding of the cover, and shall have a stopper to prevent the cover from falling off when unscrewed. What's the meaning of stopper to prevent the cover from falling off when unscrewed? Does it means the screw with anti-drop design?</p>	Yes as per the specification
19.	<p>General Requirement 4.2.1.14 The meters shall have register codes to indicate information like instantaneous power, current credit register, power fail counter, last credit token number, value of last credit token, etc. The values shall be available on the UIU display. What does the registration code refer to here? Does it mean the short code? We can input short code</p>	Registration code is the short code as per the attached list in the specifications. The short codes are a representation of the OBIS codes.

No.	Bidder Query/ Comment	KPLC Response
	through UIU to check the information listed.	
20.	<p>General Requirement 4.2.2.1.5</p> <p>The meters shall disconnect the load if power failure is detected and connect the load after normalization.</p> <p>Can we recognize the power failure as power off. That means the meter will cut off when power off, but reconnect after power on ?</p>	Yes, Relay Disconnect when power OFF, Reconnect when power ON
21.	<p>Overload Recover Define Delay (after sustained overload) 30 mins Can more information on this requirement be provided?</p>	Sustained overload condition to be defined by the manufacturer (No. of times to detect the overload condition). After this sustained overload state the meter can be off and after 30 mins the meter can check status of the voltage and cycle repeated.
22.	<p>Meter Status 009 Can more information on this requirement be provided?</p>	Any error on the meter to be indicated by this short code.
23.	<p>P122</p> <p>Product: Single Phase Split DIN Meter 4.2.2.1.4 The meters shall be able to indicate absence or presence of continuous power by use of a Light Emitting Diode (LED). Since our credit/Alarm/Voltage LED can be integrated into one LED which could fully meet the function requirement, please clarify if one LED with the function of displaying multiple status is acceptable?</p>	One LED is not acceptable.
24.	<p>P125 & P126</p> <p>Product: Single Phase Split DIN Meter 4.3.1 The meters shall be operated from mains with reference values of 230V, 50 Hz \pm 5% /</p> <p>Table 2: Summary of Electrical Parameters, Rated Nominal Voltage (U5), Frequency (Hz) 230V \pm 5% , 50Hz\pm 1.25% Please clarify the Frequency should be 50Hz\pm 1.25% or 50 Hz \pm 5%.</p>	50 Hz \pm 5%.
25.	<p>P127</p> <p>Product: Single Phase Split DIN Meter Table 3: Default Factory Parameters Setting, Load Threshold</p>	As per specifications.

No.	Bidder Query/ Comment	KPLC Response
	22.08kW If parameters of load threshold and overload trip are the same 22.08kW,it may cause problems during site use.	
26.	Product:Miniature Circuit Breakers (MCBs) \ Please clarify whether MCB needs to provide samples at the bidding stage.	No
27.	P160 Product:Miniature Circuit Breakers (MCBs) Table 1:Technical Parameters of MCB The bidding document mentions circuit breakers 1P+N and 3P+N. Please clarify if only 1P+N circuit breakers are needed.	Only 1P+N circuit breakers are needed.
28.	P37 (ii) Supply Capacity (ii) Supply Capacity The Bidder shall be required to provide the following information in the format shown below in order to determine the available capacity. This information shall be certified by an auditor that certified the financial statements of the Bidder. We have already obtained the audited Annual Report and Audited Financial Statements for the past three years. Could you kindly clarify whether the Capacity Declaration Form – Single Phase Prepaid Meters and Capacity Declaration Form – Miniature Circuit Breakers (MCBs) also need to be certified by the same auditor who certified the financial statements of the past three years? Our current auditor may not be able to provide this certification service. Therefore, would it be acceptable to have these forms certified by a different law firm or a accounting firm ?	This information shall be certified by an auditor that certified the financial statements of the Bidder.
29.	P56 Price Schedule 1: Goods Manufactured Outside the Purchaser's Country, to be Imported Price per line item for inland transport and other services required in the purchaser's country to convey the goods to their final destination including agency fees for clearing and forwarding charges at Mombasa port/border points Could you please confirm whether the buyer is responsible for the unloading costs of the goods at the KPLC warehouse?	*Unloading is done by KPLC*
30.	We would like to request for an extension on the closing date for the tender Procurement of Single Phase Pre-Paid Meters and Miniature Circuit Breakers for the Last Mile Connectivity Project (EIB), IPC No: KP1/6E.3/OT/1/24/B19 by 2weeks We need more time to complete the documentation and get all the requirements from our partners.	Refer to Addendum No.1

No.	Bidder Query/ Comment	KPLC Response																																																
31.	<p>Technical parameters of the MCB shall be as per table 1 below:</p> <p>P160, 4.2.1.13</p> <table border="1" data-bbox="368 342 738 622"> <caption>Table 1: Technical Parameters of MCB</caption> <thead> <tr> <th>Parameter Description</th> <th>Unit</th> <th>Value</th> </tr> </thead> <tbody> <tr> <td>Rated Voltage</td> <td>V</td> <td>230/400</td> </tr> <tr> <td>Rated current</td> <td>A</td> <td>6,10,16,20,32,40, 63</td> </tr> <tr> <td>Power frequency withstand</td> <td>kVrms</td> <td>4</td> </tr> <tr> <td>Voltage</td> <td></td> <td></td> </tr> <tr> <td>Impulse withstand Voltage</td> <td>kVpk</td> <td>6</td> </tr> <tr> <td>Nb. of poles</td> <td></td> <td>230V (1-Pole) 400V (3-Pole) 1P+1N 3P+N</td> </tr> <tr> <td>Tripping Characteristic type</td> <td></td> <td>Type B Type C Type D</td> </tr> <tr> <td>Instantaneous tripping range according to IECEN 60898-1</td> <td></td> <td>3-5x I_n 5-10x I_n 10-20x I_n</td> </tr> <tr> <td>Rated breaking capacity</td> <td>kA</td> <td>6 6 10</td> </tr> <tr> <td>Energy Limitation Class</td> <td></td> <td>3 3 4</td> </tr> <tr> <td>Mounting</td> <td></td> <td>DN² rail (DIN EN 50022)</td> </tr> <tr> <td>Mechanical Lifetime</td> <td>cycles</td> <td>20,000</td> </tr> <tr> <td>Electrical Lifetime</td> <td>cycles</td> <td>10,000</td> </tr> <tr> <td>Conductor Size</td> <td>mm²</td> <td>Up to 25</td> </tr> <tr> <td>Degree of protection</td> <td>IP</td> <td>55</td> </tr> </tbody> </table> <p>"The tender document does not specify the parameters of the MCB for this tender, such as rated current and tripping characteristics, so please clarify;"</p>	Parameter Description	Unit	Value	Rated Voltage	V	230/400	Rated current	A	6,10,16,20,32,40, 63	Power frequency withstand	kVrms	4	Voltage			Impulse withstand Voltage	kVpk	6	Nb. of poles		230V (1-Pole) 400V (3-Pole) 1P+1N 3P+N	Tripping Characteristic type		Type B Type C Type D	Instantaneous tripping range according to IECEN 60898-1		3-5x I _n 5-10x I _n 10-20x I _n	Rated breaking capacity	kA	6 6 10	Energy Limitation Class		3 3 4	Mounting		DN ² rail (DIN EN 50022)	Mechanical Lifetime	cycles	20,000	Electrical Lifetime	cycles	10,000	Conductor Size	mm ²	Up to 25	Degree of protection	IP	55	The required type of MCB is Type B-1P+N
Parameter Description	Unit	Value																																																
Rated Voltage	V	230/400																																																
Rated current	A	6,10,16,20,32,40, 63																																																
Power frequency withstand	kVrms	4																																																
Voltage																																																		
Impulse withstand Voltage	kVpk	6																																																
Nb. of poles		230V (1-Pole) 400V (3-Pole) 1P+1N 3P+N																																																
Tripping Characteristic type		Type B Type C Type D																																																
Instantaneous tripping range according to IECEN 60898-1		3-5x I _n 5-10x I _n 10-20x I _n																																																
Rated breaking capacity	kA	6 6 10																																																
Energy Limitation Class		3 3 4																																																
Mounting		DN ² rail (DIN EN 50022)																																																
Mechanical Lifetime	cycles	20,000																																																
Electrical Lifetime	cycles	10,000																																																
Conductor Size	mm ²	Up to 25																																																
Degree of protection	IP	55																																																
32.	<p>MCB Specification Page 7 4.1 e) pollution(IEC 60947-1)-Very Heavy: Class IV As per IEC standard, could we supply the MCB with pollution class II</p>	It shall be as per the issued tender specifications																																																
33.	<p>MCB Specification Page 8 4.2.1.13 Table technical parameters of MCB. Power frequency withstand voltage 4KV rms As per IEC standard, the power frequency withstand voltage is 2kv rms. Is it accepted?</p>	It shall be as per the issued tender specifications																																																
34.	<p>MCB Specification Page 9 4.2.4.2 It shall afford protection to IEC 60529 for at least IP55 As per IEC standard, the protection is IP20. accepted?</p>	It shall be as per the tender specification																																																
35.	<p>Following our earlier request for clarification, I would like to add the following: The tender document sites Kenya Power and Lighting CO. LTD as the purchaser on the tender document cover page while in the Bid Data Sheet it is indicated Kenya Power and Lighting PLC. Kindly commfirm the official name and address of the purchaser for this tender.</p>	Kenya Power and Lighting Company PLC																																																

No.	Bidder Query/ Comment	KPLC Response
36.	<p>Reference is made to the above subject,</p> <p>1. ITB 14.8 (d) states that:</p> <p>For Goods manufactured outside the Purchaser's country, to be Imported, the Supplier shall be responsible for clearance of the items. However, KPLC shall issue an exemption letter for the following:</p> <ol style="list-style-type: none"> 1. Custom Duties 2. Import Declaration Fees 3. Value Added Tax (VAT) 4. Railway Development Levy (RDL) <p>The bidders shall include in their bid the agency fees for clearing and forwarding charges for Mombasa Port, inland container depots and border points. The clearing and forwarding charges shall be included in the Price Schedule (Column 8) for Goods manufactured outside the Purchaser's country, to be Imported</p> <p>According to Column 8: the clearing and forwarding charges shall be included in the Price Schedule for inland transport and Mombasa Port/border points. Do these charges include taxes? Kindly clarify</p>	<p>No. These charges do not include taxes as this supply is tax exempt. The reason as to why KPLC shall process a tax exemption letter from the National Treasury.</p>
37.	<p>4.2.1.5 The MCU dimensions shall not exceed the following dimensions: Height of 170 mm; Width of 60 mm; and Depth of 95 mm; and meter base shall be on the width side where the Din rail mount shall be located.</p> <p>Is the size of the product fixed</p>	<p>It shall be as per the issued specifications</p>
38.	<p>4.2.1.9 The meter terminal illustrated in Figure 1 shall have holes and screws of moving-cage type made of nickel-plated brass for high conductivity and corrosion resistance. The terminals shall be of suitable rating to carry continuously $125\% I_{max}$.</p> <p>The "moving-cage" is made must be brass? or can be made by iron?</p>	<p>It shall be as per the issued specifications</p>

No.	Bidder Query/ Comment	KPLC Response
39.	<p>4.2.1.10 Terminal holes shall be of at least 10-mm diameter and 15mm in depth. The dimension from the Line-in, Neutral-in terminal holes to meter base shall not exceed 20mm.</p>  <p>What size does 20mm specifically refer to?</p>	The dimension from the base of the meter to the terminal holes
40.	<p>4.2.1.22 The PLC shall comply with IEEE1901.2 using Orthogonal Frequency Division Multiplexing (OFDM) modulation at frequency band of up to 500KHZ(G3/PRIME) is the mine must be G3-PLC? or if PLC comply with IEEE 1901.2-2013 is be ok?</p>	It shall be as per the issued specifications. G3 – PLC is the requirement.
41.	<p>Starting current: 0.2% Ib According to IEC standards, the starting current of direct connection meters is 0.4%Ib Is 0.4%Ib OK?</p>	It shall be as per the issued specifications. 0.2% is the requirement.
42.	<p>Lightning Surge Withstand: At least 30kA, 4/10 us This requirement is not IEC standard, if it needs to be met, external varistor outside the meter can be achieved in this way?</p>	No external varistor. It shall be as per the issued specifications.

No.	Bidder Query/ Comment	KPLC Response
43.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page12 of 18 "APPENDIX A : Tests and Inspection(Normative) A.5" A.5 Routine test reports for the MCB shall be submitted to KPLC for approval before shipment/delivery of the goods. Two(2) KPLC Engineers shall witness acceptance tests at the factory before shipment. Q1: It is KPLC bear the expenditure of the travel and accommodation for the acceptance test at the factory. Is the understanding is correct or not?</p>	Yes
44.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page13 of 18 "APPENDIX C:Warranty C.2" C.2 A warranty of 24 months from the date of the delivery of the units to Kenya Power store shall be offered by the manufacturer for the MCB. "Q1: In GCC 28.3 it is stated that 'The period of validity of the Warranty shall be : 60 Months after the date of delivery. However, it is required that the warranty of MCB is 24 months from the delivery in the specification of MCB. The warranty is obviously different. The question is: What is the warranty of the MCB?"</p>	The warranty for the MCBs is 24 Months
45.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page13 of 18 "APPENDIX D: Qualification of the Manufacturer(Normative) D.3 " The manufacturer of the MCBs shall have minimum of 15 years' exeperience in the manufacture of the MCBs and the manufacturer must have sold at least 100,000 units to overseas customers in last 5 years. "Q1: In 4.2 Specific Experience,Section III. Evaluation and Qualification Criteria, it is quoted as "The Bidder shall have minimum of three (3) years' experience in manufacturing the meters /MCBs (Miniature circuit breakers). In the event of Joint Venture, the party who will supply goods must meet this requirement.' The MCB manufacturing experience required in '4.2 Specific Experience,Section III. Evaluation and Qualification Criteria' is different from the experience requirement in APPENDIX D of the MCB technical specification. The question is : 1) How long is the MCB manufacturing experience required? 2) Which requirement should be complied with, the MCB experiance in '4.2 Specific experience,Section III' or the MCB experiance in 'APPENDIX D:</p>	The requirements shall be as specified on page 41 of the issued bidding document.

No.	Bidder Query/ Comment	KPLC Response
	Qualification of the Manufacturer(Normative) of the MCB technical specification?"	
46.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 9 of 18 "4.2.4 Housing 4.2.4.2" The MCB shall not deform when kept in air maintained at 60°C for one hour.It shall afford protection to IEC 60529 for at least IP55,except for access associated with cable entry and fix screws. The insulating material shall be pigmented grey(RAL7035) and the operating handle shall be red. "Q1:In practice,for MCB, it is hard to offer protection degree of IP55 because there must be room for the the operating handle movement. Is it acceptable that the MCB offers protection degree of IP20?</p> <p>Q2: Could you please describe the application scenario of the MCB with IP55 and why the protection degree must be IP55?</p> <p>Q3: Is it acceptable that the MCB can only offer protection IP20 and additional MCB enclosure is used to cover the MCB so as to offer protection of IP65 and conceal the terminal as well?</p> <p>Q4: Is it acceptable that the operating handle is blue?</p> <p>Q5: Is it acceptable that the insulating material is white or the other color which is a little bit different from the requirement?"</p>	It shall be as per the issued specification
47.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 8 of 18 4.2.1.13</p> <p>"Table 1: Technical Parameters of MCB</p> <p>Power frequency withstand Voltage kVrms 4</p> <p>" Is it acceptable that the power frequency withstand voltage is 2 kVrms?</p>	It shall be as per issued specification.
48.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 8 of 18 4.2.1.13</p> <p>"Table 1: Technical Parameters of MCB</p> <p>Impulse withstand Voltage kVpk 6</p> <p>" Is it acceptable that the impulse withstand voltage is 4kVpk?</p>	It shall be as per issued specification.
49.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 9 of 18 4.2.3 Mounting</p> <p>"4.2.3.1 The MCB is intended to be used individually and shall be presented for surface mounting.</p> <p>4.2.3.2 Suitable screws shall be supplied with the MCB. In separate cases, MCBs that are mountable on DIN rail may be requested and in such cases the supplier shall provide DIN compliant MCB's"</p> <p>"Q1:In practice, the MCB is installed on DIN-RAIL. Could you please clarify what the surface</p>	The MCB shall be DIN-Rail Mount

No.	Bidder Query/ Comment	KPLC Response
	<p>mounting is and what the difference of the surface mounting and DIN-RAIL mounting? Q2: Could you please offer the image of surface mounting? Q3: Is the MCB supporting DIN-RAIL mounting applicable for the surface mounting? "</p>	
50.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page 7 of 18 4.1 Service Condition e) Pollution(IEC 60947-1)-Very Heavy:Class IV Q1: Is it acceptable that the MCB can only support pollution degree of Class 2?</p>	It shall be as per the issued specification
51.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page 10 of 18 4.2.8 Tamper Evidence "4.2.8.1 The terminals shall be concealed to discourage any attempts of tampering, and to reveal acts of bypassing of the device through external wiring. 4.2.8.2 A proven design of external sealing shall be used for this purpose, and shall form part of the device. A provision for terminal cover sealing shall be mde." "Q1:Could you please clarify why it is required that the terminal shall be concealed and reveal acts of bypassing of the device through external wiring? Q2:In practice, the MCB does not have the part to cover its terminal.The proposed solution is to design a enclosure to cover the whole MCB including the terminal and the operating handle as well. In this case, the enclosure can support IP65 and sealing with seal cord for aanti-tamper. The enclosure does not support DIN-RAIL mounting. The MCB is installed on the DIN-RAIL which is installed inside the enclosure. The enclosure is not the part of the MCB. To operate the MCB handle, it is necessary to open the enclosure firstly. Is the proposed solution acceptable?"</p>	It shall be as per the issued specifications
52.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)-SPECIFICATION Page 14 of 18 APPENDIX E:Documentation(Normative) E.1: The bidder shall submit its tender complete with technical documents required by Appendix F(Guarenteed Technical Particulars) for tender evaluation.The technical documents to be submitted(all in English language) for tender evaluation shall include the following: "It is found that the clause in Appendix F(Guaranteed Technical Particulars) is not fully in line with the corresponding requirements. For example,there are only 5 sub-clauses which from (a) to (e) of clause 'E Technical documents to be submitted with tender doluments' in page 17 of 18 of</p>	Bidders shall ensure full compliance to all technical clauses in the specification document issued in the tender.

No.	Bidder Query/ Comment	KPLC Response
	<p>GTP . However, there are 7 requirements from (i) to (vii) of 'Appendx E:documentation(Normative).</p> <p>Q1:Is the GTP(Guaranted Technical Particular) correct or not?</p> <p>Q2: If it is not correct, could you please provide the final GTP(Guaranteed Technical Particulars)?</p>	
53.	<p>Section II. Bid Data Sheet Page 25 ITB 11.1(k)</p> <p>"The Bidder shall submit the following additional documents in its bid:</p> <p><input type="checkbox"/> Manufacturer's authorizations in case the bidder is not a manufacturer</p> <p>....</p> <p><input type="checkbox"/> Guaranteed Technical Particulars/characteristics duly completed and signed by the bidder per Annex A of the Technical Specifications.</p> <p>...</p> <p><input type="checkbox"/> Statement of compliance to tender specifications (indicate deviations if any and supporting documents in the bid)" "It is required to submit both the Guaranteed Technical Particulars(GTP) and the Statement of compliance. The questions are:</p> <p>Q1:GTP required here is the Statement of Compliance indeed, isn't it?</p> <p>Q2:If GTP is not the Statement of Compliance, could you please provide the format of the statement of compliance and the requirements which the statement of compliance is applicable for?"</p>	Statement of compliance is about all the standards in the tender document.
54.	<p>We hereby kindly request an extension of the bid submission deadline for the above-referenced tender. Due to the requirement of preparing a sample and transporting it from overseas to Kenya, along with the extensive documentation needed for this bid, additional time is required to ensure full compliance with all submission requirements. Given the importance of this tender and our commitment to submitting a comprehensive and competitive bid, we respectfully request that the deadline be extended by 14 days to allow for the completion of all necessary preparations.</p>	Refer to Addendum No.1
55.	<p>We refer to the above-mentioned tender, "Procurement of Single Phase Pre-Paid Meters and Miniature Circuit Breakers for the Last Mile Connectivity Project (EIB)," for which our company is keenly interested in participating.</p> <p>Upon thorough review of the tender documentation, we have encountered a critical issue that may</p>	Refer to Addendum No.1

No.	Bidder Query/ Comment	KPLC Response
	<p>impact our ability to submit a comprehensive and compliant bid by the original deadline. Specifically, the tender document does not specify the specific parameters of the Miniature Circuit Breakers (MCBs) required for this tender, including but not limited to the rated current and tripping characteristics. These details are essential for us to accurately select and propose suitable products that meet the project's requirements.</p> <p>To address this gap, we submitted an official clarification request on October 17 2024, seeking detailed specifications for the MCBs. Despite our prompt action, we have not yet received a response from KPLC, which has significantly hampered our preparation process. Without this crucial information, it is challenging for us to finalize our technical proposal and ensure that our submission aligns with the tender requirements.</p> <p>Therefore, we respectfully request an extension of one month from the original deadline to allow sufficient time for the clarification to be addressed and for us to complete our bid submission accordingly. We believe that this additional time will enable all bidders to prepare more accurate and competitive bids, ultimately benefiting the Last Mile Connectivity Project.</p>	
56.	<p>We are writing to seek clarification with regards to ITB 38 which currently states; Contract award shall be to the lowest evaluated bid that offers lowest total sum for both items.</p> <p>This means that bidders are required to submit a bid that constitutes both MCBs and the prepaid Smart Meters. This locks out bidders that are capable of supplying one item.</p> <p>We are requesting that you consider amending the award criteria to, Contract award shall be on item-per-item basis to the lowest evaluated bid that offers the lowest total sum for each item.</p> <p>By doing this you shall have made the tender more open and are more likely to receive many bids which shall make the tender more competitive.</p>	This shall be as per the issued bidding document both items will be awarded to one supplier.
57.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 9 of 18 "4.2.4 Housing 4.2.4.2" The MCB shall not deform when kept in air maintained at 60°C for one hour. It shall afford protection to IEC 60529 for at least IP55,except for</p>	As per the specifications

No.	Bidder Query/ Comment	KPLC Response
	<p>access associated with cable entry and fix screws. The insulating material shall be pigmented grey(RAL7035) and the operating handle shall be red. "Q1:In practice,for MCB, it is hard to offer protection degree of IP55 because there must be room for the the operating handle movement. Is it acceptable that the MCB offers protection degree of IP20?</p> <p>Q2: Could you please describe the application scenario of the MCB with IP55 and why the protection degree must be IP55?</p> <p>Q3: Is it acceptable that the MCB can only offer protection IP20 and additional MCB enclosure is used to cover the MCB so as to offer protection of IP65 and conceal the terminal as well?</p> <p>Q4: Is it acceptable that the operating handle is blue?</p> <p>Q5: Is it acceptable that the insulating material is white or the other color which is a little bit different from the requirement?"</p>	
58.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 8 of 18 4.2.1.13 "Table 1: Technical Parameters of MCB Power frequency withstand Voltage kVrms 4 " Is it acceptable that the power frequency withstand voltage is 2 kVrms?</p>	As per the specifications
59.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 8 of 18 4.2.1.13 "Table 1: Technical Parameters of MCB Impulse withstand Voltage kVpk 6 " Is it acceptable that the impulse withstand voltage is 4kVpk?</p>	As per the specifications
60.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 9 of 18 4.2.3 Mounting "4.2.3.1 The MCB is intended to be used individually and shall be presented for surface mounting. 4.2.3.2 Suitable screws shall be supplied with the MCB. In separate cases, MCBs that are mountable on DIN rail may be requested and in such cases the supplier shall provide DIN compliant MCB's" "Q1:In practice, the MCB is installed on DIN-RAIL. Could you please clarify what the surface mounting is and what the difference of the surface mounting and DIN-RAIL mounting? Q2: Could you please offer the image of surface mounting? Q3: Is the MCB supporting DIN-RAIL mounting applicable for the surface mounting? "</p>	DIN RAIL mounting

No.	Bidder Query/ Comment	KPLC Response
61.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 7 of 18 4.1 Service Condition e) Pollution(IEC 60947-1)-Very Heavy:Class IV Q1: Is it acceptable that the MCB can only support pollution degree of Class 2?</p>	As per the specifications
62.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 10 of 18 4.2.8 Tamper Evidence "4.2.8.1 The terminals shall be concealed to discourage any attempts of tampering, and to reveal acts of bypassing of the device through external wiring. 4.2.8.2 A proven design of external sealing shall be used for this purpose, and shall form part of the device. A provision for terminal cover sealing shall be mde." "The proposed solution is to design a enclosure to cover the whole MCB including the terminal and the operating handle as well. In this case, the enclosure can support IP65 and sealing with seal cord for aanti-tamper. The enclosure does not support DIN-RAIL mounting. The MCB is installed on the DIN-RAIL which is installed inside the enclosure. The enclosure is not the part of the MCB. To operate the MCB handle, it is necessary to open the enclosure firstly. Is the proposed solution acceptable?"</p>	As per the specifications
63.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 7 of 18 4.2.1.7 The open position of the circuit breaker shall be indicated by the symbol 'O-OFF' and the closed position by symbol 'I-ON'. The operating means shall be used to indicate the position of the circuit breaker contacts. In addition to the marking,red identification shall be used for switch position ON and the green identification for switch position OFF "Q1: Is it acceptable that the symbol of the open position and closed position is a little bit different from the requirement? Q2: Is it acceptable that the other color like orange is used to indicate the switch position ON and the other color like blue is used to indicate the switch position OFF?"</p>	As per the specifications
64.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page12 of 18 "APPENDIX A : Tests and Inspection(Normative) A.5" A.5 Routine test reports for the MCB shall be submitted to KPLC for approval before shipment/delivery of the goods. Two(2) KPLC Engineers shall witness acceptance tests at the factory before shipment. Q1: It is KPLC bear the expenditure of the travel and accommodation for</p>	Yes

No.	Bidder Query/ Comment	KPLC Response
	the acceptance test at the factory. Is the understanding is correct or not?	
65.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page13 of 18 "APPENDIX C:Warranty</p> <p>C.2" C.2 A warranty of 24 months from the date of the deliery of the units to Kenya Power store shall be offered by the manufacturer for the MCB. "Q1: In GCC 28.3 it is stated that 'The period of validity of the Warranty shall be :60 Months after the date of delivery. However, it is required that the warranty of MCB is 24 months from the deliery in the specifiction of MCB. The warranty is obviously different. The question is: What is the warranty of the MCB?"</p>	24Months
66.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page13 of 18 "APPENDIX D: Qualification of the Manufacturer(Normative) D.3 " The manufacturer of the MCBs shall have minimum of 15 years' exeperience in the manufacture of the MCBs and the manufacturer must have sold at least 100,000 units to overseas customers in last 5 years. "Q1: In 4.2 Specific Experience,Section III. Evaluation and Qualification Criteria, it is quoted as "The Bidder shall have minimum of three (3) years' experience in manufacturing the meters /MCBs (Miniature circuit breakers). In the event of Joint Venture, the party who will supply goods must meet this requirement.' The MCB manufacturing experience required in '4.2 Specific Experience,Section III. Evaluation and Qualification Criteria' is different from the experience requirement in APPENDIX D of the MCB technical specification. The question is : 1) How long is the MCB manufacturing experience required? 2) Which requirement should be complied with, the MCB experience in '4.2 Specific experience,Section III' or the MCB experience in 'APPENDIX D: Qualitificaiton of the Manufacturer(Normative) of the MCB technical specification'?"</p>	The requirements shall be as specified on page 41 of the issued bidding document
67.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page13 of 18 "APPENDIX D: Qualification of the Manufacturer(Normative) D.4" "Letters of Customer Satisfaction: Letters of satisfaction from four(4) overseas customers for the particular MCBS offered in this tender shall be furnished with the bid. The letters of satisfaction shall bear the rubber stamp of the purchasing utilities and the name and signature of</p>	This shall be as per issued bidding document Section III Evaluation and Qualification Criteria in '4.2 specific experience'

No.	Bidder Query/ Comment	KPLC Response
	<p>the author of the letter." "Q1:In 4.2 Specific Experience,Section III. Evaluation and Qualification Criteria, the support document of MCB experience is already required.</p> <p>Please confirm the candidate just need to comply with the requirement in' 4.2 specific experience,Section III Evaluation and Qualification Criteria' or need to comply with both requirement in '4.2 specific experience' and 'D.4 Letters of Customer Satisfaction ' in 'MCB technical specification'."</p>	
68.	<p>LOW VOLTAGE MINIATURE CIRCUIT BREAKER(MCB)- SPECIFICATION Page 14 of 18 APPENDIX E:Documentation(Normative) E.1: The bidder shall submit its tender complete with technical documents required by Appendix F(Guaranteed Technical Particulars) for tender evaluation.The technical documents to be submitted(all in English language) for tender evaluation shall include the following: "It is found that the clause in Appendix F(Guaranteed Technical Particulars) is not fully in line with the corresponding requirements. For example,there are only 5 sub-clauses which from (a) to (e) of clause 'E Technical documents to be submitted with tender doluments' in page 17 of 18 of GTP . However, there are 7 requirements from (i) to (vii) of 'Appendx E:documentation(Normative). Q1:Is the GTP(Guaranted Technical Particular) correct or not? Q2: If it is not correct, could you please provide the final GTP(Guaranteed Technical Particulars)?"</p>	<p>Bidders shall ensure full compliance to all technical clauses in the specification document issued in the tender.</p>

Yours faithfully,

For: **KENYA POWER & LIGHTING COMPANY PLC.**



DR JOHN NGENO OGW
GENERAL MANAGER, SUPPLY CHAIN & LOGISTICS