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Stima Plaza, Kolobot Road

Our Ref: KP1/6E.3/PT/2/18/A65 – A66

04th June 2018

Dear Sir/ Madam:

**CLARIFICATION No. 3 OF BIDDING DOCUMENT FOR IPC NO:
 KP1/6E.3/PT/2/18/A65 and KP1/6E.3/PT/3/18/A66 PROCUREMENT OF SINGLE PHASE PRE-PAID METERS AND MINIATURE CIRCUIT BREAKERS FOR THE LAST MILE CONNECTIVITY PROJECT ISSUED ON TUESDAY, 24TH APRIL 2018**

The following responses are made to clarifications sought on various issues in the Bidding Document for Procurement of single phase pre-paid Meters and Miniature Circuit Breakers for the Last Mile Connectivity Project.

No.	Bidder's Query	Client's Response/Clarification/Answer
1	<p>"Page 37, section III – Evaluation Criteria, Qualification, Experience – Specific Experience – (ii) Supply capacity Description: The following supporting documents are required to be submitted in the Bid to support Bidder's supply capacity information: (a) Certified true copies of the contracts/ purchase orders to support the data provided in the table above including acceptance certificates. The contract copies shall also have following details: Question 1: Could you please specify the meaning of the certified true copies? We guess it means the contracts/ purchase orders including the acceptance certificates with clients' company stamp or signature.</p>	<p>All supporting documents Shall be certified by the external auditor of the bidder.</p> <p>The documents/information shall be stamped and Certified as “True Copies of the Original” giving full details of the Auditor.</p>
2	<p>"Page 13, section I – Instruction To Bidders, clauses 19.1 & 19.3 Description:</p>	<p>The format of the security cannot be changed since it is a standard form prescribed by the</p>

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	<p>19.1 The Bidder shall furnish as part of its bid, either a Bid-Securing Declaration or a bid security, as specified in the BDS, in original form and, in the case of a bid security, in the amount and currency specified in the BDS.</p> <p>19.3 In the case of a bank guarantee, the bid security shall be submitted either using the Bid Security Form included in Section IV, Bidding Forms, or in another substantially similar format approved by the Purchaser prior to bid submission.</p> <p>Question 2: We are now applying for a bank guarantee, while the bank requires us to modify the format a little according to their rule, otherwise they would refuse to furnish the guarantee for us, here attached the modified format. Could you please allow us to modify the format as attachment?"</p>	<p>donor and caters for the interests of all parties.</p>
3	<p>"Page 140, Guaranteed Technical Specifications – MCB Description: The Miniature Circuit Breakers (MCB) shall be a Moulded Case Circuit Breaker and shall comply with the requirements of IEC 60947-2 and IEC 898</p> <p>Question 3: Need to be clear which certificate you need, like IEC898 or IEC60947, if you need both, what is the quantities of different types?</p> <p>MCB standard has the IEC898 and IEC60947, IEC898 standards for the 1995 version, under normal circumstances, the two types of standards for two different products, the tender is not clearly specified."</p>	<p>Clause 4.2.1 is hereby amended to read "The Miniature Circuit Breakers (MCB) shall comply with the requirements of IEC 60947-2 and IEC 898.</p>
4	<p>"Page 143, Guaranteed Technical Specifications – MCB Description: The Impulse withstand voltage of the MCB shall be 8kVp. Question 4: Because this parameter has little influence on the normal use of the circuit breaker, can we provide 4kV products, the security is also stable. Tender technology requirements of the product's impulse voltage is 8kV, conventional parameter of MCB is 4kV or 6kV."</p>	<p>The MCB must meet the requirements of clause 4.2.24 of the Technical Specifications.</p>
5	<p>"Page 143, Technical Specification-MCB, clause 4.2.18 Description: The rated current for the MCB, which it will be able to carry continuously without tripping, shall be one (1) Amp or Seven (7) Amp (or as specified on the schedule of tender requirements).</p>	<p>Refer to clarification No. 2 issued on 24th May 2018, item number 5.</p>

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	<p>Question 5: Bidding requirements for the current rating of 1 A and 7 A, also written according to the actual situation, so the customer needs to determine the overall requirements of the rated current and corresponding quantity."</p>	
6	<p>"Page 145, Technical Specification-MCB, clause 6.1 Description: In the additions to the markings above, the followings letters shall be printed on the unit: "PROPERTY OF KPLC" All markings shall be by engraving. Question 6: Whether the word "property of KPLC" must be printed on the shell. The bid requires the print property of KPLC, this point needs to be confirmed if it is necessary, if you must need it, we should contact the product line to do a new word board."</p>	<p>The MCB must meet the requirements of clause 6.1 of the Technical Specifications.</p>
7	<p>"Page 142, Technical Specification-MCB, clause 4.2.21 Description: The unit shall have an inbuilt inrush delay to allow for motor/ compressor start up and hence prevents false trips. Question: Need to claim all products needs D type or just some parts of the products need D type. Tender technical parameters required to be able to withstand the start of the motor, this point needs to be confirmed, whether all products need this parameter, if all need that is D-type MCB."</p>	<p>Clause 4.2.21 is applicable. The MCB as a unit to meet the desired functionality to effectively mitigate false trips.</p>
8	<p>"Page 140, Guaranteed Technical Specifications – MCB Description: The Miniature Circuit Breakers (MCB) shall be a Moulded Case Circuit Breaker and shall comply with the requirements of IEC 60947-2 and IEC 898 Question: under design and construction in the Specification documents it is written the Miniature Circuit Breaker shall be a Moulded Case Circuit Breaker. It is not clear whether you require MCB or MCCB."</p>	<p>See answer under item 3 above. Clause 4.2.1 is hereby amended to read "The Miniature Circuit Breakers (MCB) shall comply with the requirements of IEC 60947-2 and IEC 898.</p>
9	<p>Question: "Please confirm that for CIU the protection class shall be class IP54?"</p>	<p>Yes. Refer to clause 4.2.2.2.7 of the prepayment meter specifications.</p>
10	<p>"Page 38, section III – Evaluation Criteria, Qualification table, 4.2 Description: (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. The Purchaser reserves the right to verify this information</p>	<p>Refer to answer under item 1 above.</p>

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	<p>before contract award. Details provided in this form must reflect the actual supply capacity of the bidder. Any inconsistency in the capacity declaration may lead to rejection of the bids.</p> <p>Question: Please confirm that the “supply information” shall be certified by the auditor certified the financial statement of the Bidder, does it have to be stamped? Or signature by the auditor is also acceptable?”</p>	
11	<p>"Page 140, Guaranteed Technical Specifications – MCB Description: The Miniature Circuit Breakers (MCB) shall be a Moulded Case Circuit Breaker and shall comply with the requirements of IEC 60947-2 and IEC 898</p> <p>Question: Considering the technical specification of MCB, the IEC standard which the product shall comply shall be IEC 898 only. Because both standard is designed for different type of circuit breaker. IEC 898 is for MCB and IEC 60947-2 is for moulded case circuit breaker.”</p>	<p>Clause 4.2.1 is hereby amended to read “The Miniature Circuit Breakers (MCB) shall comply with the requirements of IEC 60947-2 and IEC 898.</p>
12	<p>Guaranteed Technical Specifications – MCB</p> <p>Clause 4.2.9 “The preferred color of the covers is Grey RAL.</p> <p>Question: Can manufacturers use other color for MCB, such as PANTONE Cool Gray.”</p>	<p>The MCB must meet the requirements of clause 4.2.9 of the Technical Specifications.</p>
13	<p>Guaranteed Technical Specifications – MCB</p> <p>Clause 4.2.28 “Current carrying parts and connections including parts intended for protective conductors, if any shall be of either:</p> <ul style="list-style-type: none"> -Copper or -An alloy containing at least 50% copper for parts worked cold or at least 50% copper for other parts or -Other metal or suitable coated metal with no less resistance to corrosion than copper and having mechanical properties no less suitable. <p>Question: Does current carrying parts and connections including parts intended for protective conductors’ including the fixed screws and terminals?”</p>	<p>Clause 4.2 of the MCB specifications (Design and Construction) clarifies all requirements to be complied with in this context.</p>
14	<p>“We are preparing the documents for tender. We want to know in detail about bid security documents.</p> <p>The bid security documents issued by bank in China will be accepted for tender? Directly opened by bank in China. Or is it required the counter guaranteed the documents issued by bank in China by local bank in Kenya or Africa?</p>	<p>Refer to ITB 19.3 for clarity. The list of the local Banks is available with the Central Bank of Kenya.</p>

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	If must be counter guaranteed by local bank in Kenya, can you give us the list of banks you approve in Kenya.”	
15	<p>“Description: in the clarification document issued on May 24th, that is your Ref: KP1/6E.3/PT/2/18/A65-A66, in number 2 Client's response/clarification/answer is GCC 28.3 and Clause 8.1.1 refer to 365 days warranty and 54 months defect liability periods upon commissioning respectively.</p> <p>Question: How to understand warranty and defect liability period their time definitions respectively? If warranty and defects liability is different, we need to know exactly so that we can define our work and responsibility?”</p>	<p>SCC clause 28.3 Refer to 365 days warranty upon delivery to the KPLC stores (prior to installation).</p> <p>Clause 8.1.1 (Prepayment meters specification) refer to additional warranty for 54 months covering defects liability period upon site commissioning.</p> <p>Both warranties apply accordingly.</p>
16	<p>“Description: in the clarification document issued on May 24th, that is your Ref: KP1/6E.3/PT/2/18/A65-A66, in number 6 the Client's response/clarification/answer is The MCB shall be (1P+N), 63A.</p> <p>Question: Is it acceptable that the MCB is 2P or 1P?”</p>	The MCB shall be 2P.
17	<p>“Description: in Section III. Evaluation and Qualification Criteria, 4.2 P39, it mentions (a) Certified true copies of the contracts/purchase orders to support the data provided in the table above including acceptance certificates.</p> <p>Question: Is the 'certified' means that the provided contract is signed and stamped?”</p>	Refer to the response to Item No. 1 above of this set of clarifications
18	<p>“APPENDIX 1-SINGLE PHASE PRE-PAID METER SPECIFICATIONS:</p> <p>4.2.1.11 The meter's terminal Screw Inserts shall be sealed with utility wire seals.</p> <p>Question: We shall provide the meter which has a terminal cover has sealing provision to avoid the user access into meter terminals.</p> <p>Is it acceptable?”</p>	The meter must meet the requirements of clause 4.2.1.11 of the Technical Specifications.
19	<p>“APPENDIX 1-SINGLE PHASE PRE-PAID METERS SPECIFICATIONS:</p> <p>4.2.2.2.22 The UIU keypad shall have backlight to enable keying of tokens in the dark.</p> <p>Question: The UIU LCD already have backlighting to enable entering tokens in the dark. Is it acceptable?”</p>	The meter must meet the requirements of clause 4.2.2.2.22 of the Technical Specifications.

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20	Table 1: Summary of Electrical Parameters Starting Current: 0.2% Ib Question: According to IEC standards, starting current for class 1.0 electrical meter should be 0.4% Ib. Can you please confirm?"	The starting current must be 0.2% Ib per Table 1 under clause 4.3.5

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY LIMITED.



JOHN NJEHIA

CONTRACT PROJECT MANAGER – AFD/EU/EIB