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 Nairobi, Kenya

Our Ref: KP1/9A.3/OT/19/17-18/mm

23<sup>rd</sup> February, 2018

M/s -----

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**RE: ADDENDUM NO. 1 TO THE TENDER NO. KP1/9A.3/OT/19/17-18 - SUPPLY OF LV CT METERS**

The following clarifications and amendments are made to the Principal Tender Document (hereinafter abbreviated as the PTD) Supply of LV CT meters the dated 1<sup>st</sup> February, 2018.

**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**

The clarifications are made as below: -

No	Clause/ Item	Query	KPLC Response
1	CT insulation	We request clarification on requirement of CT's whether it is Tape wound or Resin cast, it was mentioned in detailed Technical specifications, please clarify	Shall be Resin Cast
2	Metering box dimensions	The metering box dimensions are not mentioned in the detailed specification; please provide the dimensions of the metering boxes to offer the same.	The enclosure shall have sufficient space to accommodate the meter and CTs.

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3	KEMA certificate	<p>Technical requirement: Document no. KP1/6C/4/1/TSP/14/020 in clause 4.3 communications 4.3.5 The modem shall support meter communication protocols as per DLMS/COSEM standards. DLMS certificate and KEMA certificates shall be provided.</p> <p>Question: If KEMA certificate is not available yet, will certificate from any independent international lab from third party also be qualified?</p>	A certificate from a third party testing laboratory outside the country of manufacture and accredited to ISO/IEC 17025 shall be accepted																														
4	Samples and extension	<p>Tender requirement: for this tender, the tender documents shall be received on or before Thursday 27<sup>th</sup> February, 2018.</p> <p>Question: Sample meter will require some time to design and produce since it will be done overseas by the manufacturer for the local bidder. Due to Chinese new year vacation from 10-02-2018 to 25-02-2018, the process can start after the vacation.</p> <p>Sample Schedule of 0.2S CT meters for KPLC Tender no. KP1/9A.3/OT/19/17-18: For supply of LVCT meters</p> <table><tr><th>Item no</th><th>Item</th><th>Duration</th></tr><tr><td>1</td><td>Modification of Schematic Diagram</td><td>5<sup>th</sup> Feb to 9<sup>th</sup> Feb</td></tr><tr><td>2</td><td>Chinese New year Vacation</td><td>10<sup>th</sup> Feb to 25<sup>th</sup> Feb</td></tr><tr><td>3</td><td>PCB Design</td><td>26<sup>th</sup> Feb to 7<sup>th</sup> Mar</td></tr><tr><td>4</td><td>PCB sampling</td><td>8<sup>th</sup> Mar to 16<sup>th</sup> Mar</td></tr><tr><td>5</td><td>PCBA Production</td><td>17<sup>th</sup> Mar to 22<sup>nd</sup> Mar</td></tr><tr><td>6</td><td>CT Meter Sampling</td><td>23<sup>rd</sup> Mar to 28<sup>th</sup> Mar</td></tr><tr><td>7</td><td>Testing</td><td>29<sup>th</sup> Mar to 12<sup>th</sup> April</td></tr><tr><td>8</td><td>Sample Delivery</td><td>13<sup>th</sup> April to 15<sup>th</sup> April</td></tr><tr><td>9</td><td>Sample Submission</td><td>16<sup>th</sup>, April</td></tr></table> <p>According to this schedule, 16<sup>th</sup> April can be a reasonable time for us to submit the samples. Therefore, we, as a responsible supplier of KPLC, request for extension of opening date and sample submission to 16<sup>th</sup> of April or to be allowed to provide sample for testing after contract award</p>	Item no	Item	Duration	1	Modification of Schematic Diagram	5 <sup>th</sup> Feb to 9 <sup>th</sup> Feb	2	Chinese New year Vacation	10 <sup>th</sup> Feb to 25 <sup>th</sup> Feb	3	PCB Design	26 <sup>th</sup> Feb to 7 <sup>th</sup> Mar	4	PCB sampling	8 <sup>th</sup> Mar to 16 <sup>th</sup> Mar	5	PCBA Production	17 <sup>th</sup> Mar to 22 <sup>nd</sup> Mar	6	CT Meter Sampling	23 <sup>rd</sup> Mar to 28 <sup>th</sup> Mar	7	Testing	29 <sup>th</sup> Mar to 12 <sup>th</sup> April	8	Sample Delivery	13 <sup>th</sup> April to 15 <sup>th</sup> April	9	Sample Submission	16 <sup>th</sup> , April	<p>Sample to be provided with bid for purposes of evaluation</p> <p>One Sample for 300/5 and 1500/5 to be provided.</p> <p>(all units to be supplied by 1 supplier)</p>
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5	Meter dimensions	<p>Clause 4.2.1.5, the dimensions of the meter must not exceed the following values. Width 180mm, length 300mm, Height 90mm.</p> <p>Clarification: Can the meter be slightly wider so as to have the meter terminals further apart? Increasing the terminal separation distance is now being encouraged world over as it prevents voltage flush overs.</p>	Provide as per specification
6	GTPs to fill	<p>As you have provided three sets of guaranteed technical particulars: i.e</p> <p>i. KP1/10A.2B/3/4-02: specifications for low voltage ring type measuring current transformers</p> <p>ii. KP1/6C/4/1/TSP/14/020: specifications for current and potential transformer connected meters</p> <p>iii. KP1/6C/4/1/TSP/14/006-2 Specifications for low voltage enclosures and accessories for smart metering of commercial and industrial customers</p> <p>Please clarify as per which GTP forms shall be filled and which specifications shall be followed</p> <p>We request that in view of this, you extend the tender closing period by two weeks to 13<sup>th</sup> march 2018</p>	All the guaranteed technical particulars for the three specifications shall be filled.
7	Samples and extension	<p>The tender requires us to provide samples for each of the CT metering unit types. We reckon that this shall be expensive during bidding as there are required six CT types in addition to taking a lot of time to ship the samples within the tender timelines. We request that you remove the requirement for provision of samples for bidders.</p> <p>We request that in view of this, you extend the tender closing period by two weeks to 13<sup>th</sup> March 2018</p>	Provide as per tender documents.

No	Clause/ Item	Query	KPLC Response
8	Accuracy Class and Price Schedule	<p>The accuracy class for these current transformers shall be class 0.2s</p> <p>The tender contains specifications for Current and Potential Transformers as well as Enclosures for metering Equipment. Please advise if these are a requirement as they are not on the Price Schedule.</p>	<p>Accuracy to be 0.2s - refer to clause 4.3.2 of the specification KP1/10A.2B/3/4-02 2.</p> <p>The price schedule is for Low Voltage Current Transformer Metering units - Unit comprises of Smart meter, Low Voltage ring type current measuring transformers and the Metering Enclosure.</p>

## 5. CHANGE OF CLOSING DATE

The closing date has been changed from 27<sup>th</sup> February 2018 to 05<sup>th</sup> April, 2018 at 10.00 am.

All other terms and conditions remain as per the Principal Tender Document (PTD).

Yours faithfully,

**FOR: THE KENYA POWER & LIGHTING COMPANY LIMITED**



**DANIEL MUGA**  
**MANAGER SUPPLY CHAIN (PROCUREMENT)**