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**Our Ref. KP1/6E.1/.PT/1/17/A04/JKG/eo**

**7<sup>th</sup> April, 2017**

Dear Sir/ Madam

**ADDENDUM NO.1 - TENDER NO. KP1/6E.1/PT/1/17/A01 FOR PROCUREMENT FOR DESIGN, SUPPLY, AND INSTALLATION OF EXTENSIONS OF LV SINGLE PHASE LINES AND SERVICE CABLES- LAST MILE CONNECTIVITY PROJECT -II (LMCP)**

**1. RELATIONSHIP WITH THE PRINCIPAL TENDER DOCUMENT.**

Save where expressly amended by the terms of this Addendum, the Principal Tender Document 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 as part of the Principal Tender Document.

**2. CLARIFICATIONS TO TENDER**

- a) Clause 2.4.2 – ‘Specific Experience Qualification’ has been amended to have bidders who have done three (3) contracts increased from a period of Five (5) to a period of Ten (10) years.
- b) The following responses are made to clarifications sort on various issues in the Tender document for procurement for Design, Supply, and installation of extensions of LV single phase Lines and Service cables- Last Mile Connectivity Project -II (LMCP) and shall be deemed to form the Addendum.

Item No.	Query by Bidders	KPLC Responses
1	<p>The specification document attached seemed to suggest that 50mm<sup>2</sup> AA conductor will be PVC. Bare conductor is more commonly used.</p> <p>Clarify if we are using 50mm AA PVC or bare conductor.</p>	<p>The required conductor is 50mm<sup>2</sup> AA Bare.</p>
2.	<p>Please clarify, in the Price Schedule section. Currently Lot 8 Schedule 2 is written lot 9, While lot 9 schedule 2 is written lot 1 please clarify.</p>	<p>The Price schedule for Lot 8 is hereby attached as <b>Appendix 1</b>.</p>
3.	<p><b>In item No. 102 Section IV- Schedule of Rates and Prices (all lots)</b></p> <p>The Service Cable complete with fittings to secure both ends each 25M Long (10mm<sup>2</sup> PVC Insulated Single Phase Concentric Aluminium Cable Without Two Core Copper Communication Cable)</p> <p><b>Question 1:</b> Please provide the detailed bill of material along with drawings of consumer connection arrangement.</p> <p><b>Question 2:</b> Objective of project as per project description is to provide consumer connection for both 3-phase and 1-phase consumers, however service cable for 3-phase consumer connection is not mentioned at Schedule of Rates and prices. Please confirm whether same is required or not.</p> <p><b>Question 3:</b> The meters for service consumer is not appearing in the Schedule of Rates and Prices. Kindly confirm whether providing and installation of consumer meters is in scope of the contractor.</p> <p><b>Question 4:</b> Please provide the Tapping details and termination details of service cable at service pole and consumer premises respectively.</p>	<p><b>Response Question 1:</b> Termination will be on i) Angle iron ii) on wall. iii) Tee off i) with D-Iron. ii) Tee off with shackle strap. Refer to technical drawings.</p> <p>The customer to provide the angle Iron.</p> <p><b>Response Question 2:</b> Connections will be for single phase customers</p> <p><b>Response Question 3:</b> Meters will be provided by the Employer but Installation Works by the Contractor.</p> <p><b>Response Question 4:</b> Refer to Response in Item No 3 Qn 1</p>
4.	<p><b>In Item No. 104, of Section IV: Schedule Rates and prices, All Lots (Complete LV Stay) &amp; Item No. 111, of Section IV: Schedule Rates and prices for All Lots (Complete 'Earthing-Protective Multiple Earthing (PME))</b></p> <p>We have observed that the Quantities of LV stay and 'Earthing- Protective Multiple Earthing (PME)</p>	<p><b>Response Question 1:</b> LV Stays will be used where necessary (based on the designs) and PME's will be on every 4<sup>th</sup> pole and Terminal pole For drawing refer to technical drawing attached</p> <p><b>Response Question 2:</b> Provide appropriate Stays where necessary</p>

Item No.	Query by Bidders	KPLC Responses
	<p>is exactly equal to number of consumer connections. Kindly confirm whether LV Stay &amp; PME are required for all intermediate poles or only at LT Pole locations from which consumer connection are tapped?</p> <p><b>Question 1:</b> Kindly provide the detailed drawing for 'Earthing- Protective Multiple Earthing (PME).</p> <p><b>Question 2:</b> Kindly confirm whether Stay is required for MV</p>	
5.	<p><b>In Item No. 109, of Section IV: Schedule Rates and prices, All Lots (11KV Intermediate Fitting) and</b></p> <p><b>Item No. 110, of Section IV: Schedule Rates and prices, All Lots (33KV Intermediate Fitting)</b></p> <p><b>Question 1:</b> The Scope of subject project is extension of LV lines. Please explain and confirm the requirement of 11M &amp; 12M MV Poles &amp; 11kV &amp; 33 kV Intermediate Fittings.</p> <p><b>Question 2:</b> If the scope involves some portion of 11KV &amp; 33KV lines then kindly provide the quantities of Stay and PME for 11KV &amp; 33KV MV Lines.</p>	<p><b>Response Question 1:</b> The scope involves only LV network extension, which may involve stringing under 11 kV and 33 kV Lines, hence the need for Intermediate poles and associated Fittings.</p> <p><b>Response Question 2:</b> The scope does not involve extension of MV Lines</p>



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6.	<p>In GC 3.4.2 Section VIII, Conditions of Contract states.</p> <p>All plant and equipment (including Mandatory Spare Parts) supplied from outside the Republic of Kenya to be used for this project will be exempted from import duties and VAT.</p> <p>The project will be exempted from value added tax (VAT) duties for all Plant, machinery (including Mandatory Spare Parts) and materials supplied from within the Republic of Kenya.</p> <p><b>Question 1:</b> Kindly confirm the exemption of VAT and import Duties/Custom duties on supply portion for subject project.</p> <p><b>Question 2:</b> Kindly confirm the exemption of VAT on Services/Installation portion.</p>	<p><b>Response Question 1:</b> Custom duties and VAT on supply portion will be exempted.</p> <p><b>Response Question 2:</b> VAT on Services/Installation portion will be reimbursed.</p>
7.	<p>In Appendix 1 -Terms and Procedures of Payment, Section I Contract forms. Payments against Schedule 1, 2 and 4</p> <p>Five percent (5%) of the total or pro rata CIP amount upon issue of the Completion Certificate, &amp; Five percent (5%) of the total or pro rata CIP amount upon issue of the Operational Acceptance</p> <p><b>Question 1:</b> Clarify whether cluster/county wise completion will be considered for accepting bills for payments or completion shall of the entire project.</p> <p><b>Question 2:</b> We request you to kindly consider the cluster wise/county wise completion of works for issuing the completion certificates and for operational acceptance.</p>	<p><b>Response Question 1:</b> Completion will be considered for each transformer.</p> <p><b>Response Question 2: Refer to Response in question 1 above</b></p> <p>Completion Certificates and Operational Acceptance will be per Schemes i.e. a fully maximised transformer. But invoicing will be as agreed during the Project Kick off Meeting</p>
8.	<p><b>In ITB 20.1 Submission of Bids</b> - Since each bidder has to submit 3 hard copies of bids (Original + 2 Copies), documents volume will be huge for bidders who are participating in multiple lots.</p>	<p>Bidders participating in multiple lots will be required to submit each Lot separately. Under submission of</p>

Item No.	Query by Bidders	KPLC Responses
	<p>We request you to kindly allow the bidders to submit their bidders in following manner.</p> <ol style="list-style-type: none"> <li>1. EMD BG (original + 2 copies) - separate per</li> <li>2. Techno-Commercial Offers Consisting of section IV bidding forms duly filled along with all supporting documents to substantiate Qualification Requirements. (original + 2 copies) - Common for All Lots a bidder is participating in.</li> <li>3. Section IV Schedule of Rates and prices (original + 2 copies) - separate per lot.</li> </ol>	<p>each lot the bidder shall submit the original + 2 copies</p> <p>The bidder shall be required to label the Tender No. and Lot number on the envelope for each of the lots submitted.</p>
9.	<p>I would appreciate if I can get a copy of the updated Procurement Plan. Do you have a specific Procurement Plan for the tenders that will come out on 2017?</p>	<p>The bidding documents for the Last Mile Connectivity Project II . for new tenders please refer to our website</p>
10.	<p>We have downloaded the tender documents from your website and noted that BOQ is missing for all 15 lots from the folder of “Bidding document”. The folder / files are saved but they are empty. Thus, kindly re upload this document along with BOQ. Also, please clarify if we need to obtain original receipt of 5000 Ksh from your office to register</p>	<p>The folders in the website have now been updated and can be opened.</p> <p>Yes, bidders shall be required to purchase the bidding document as detailed in the Specific Procurement Notice and obtain an official receipt</p> <p>A copy of the receipt shall be attached to the Bid.</p>
11.	<p>We refer to the above tender and note that SECTION IV of the tender document is missing or was never uploaded. This section has the Section IV: Bidding Forms. Kindly upload the section to enable us to study the document completely</p>	<p>The bidding forms- Section IV were uploaded in our website and are hereby attached as <b>Appendix II</b>.</p>
12.	<p>This project is divided into 15 lots. But after examining the Bidding documents posted on the official website still can't find the specific quantities attached to each lot. So, I am writing to ask: Is it the job of bidders to survey of the low voltage lines and locate the low</p>	<p>Refer to the (BOQ) in the Bidding documents Section IV - Price Schedule</p>



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	voltage lines, thus get the specific quantities for each lot?	
13.	Could list of transformer be provided – The Qty of transformer is normally a basis to estimate logistical cost and design fixed costs. Advice the expected yield per transformer. We have on previous project met with circumstances beyond our wildest expectation	The number of transformers to be maximized is 5320. The list will be provided before contract Implementation.
14	<p>Even though the project is turnkey could the estimated quantities of fittings be defined with the following breakdown</p> <ul style="list-style-type: none"> <li>a. Concrete pole s fittings on LV 10 m Pole <ul style="list-style-type: none"> <li>i. Inter/Tee OFF</li> <li>ii. 2 ways sections</li> <li>iii. Terminal</li> </ul> </li> <li>b. Wooden pole s fittings on LV 10 m Pole <ul style="list-style-type: none"> <li>i. Inter/Tee OFF</li> <li>ii. 2 ways sections</li> <li>iii. Terminal</li> </ul> </li> <li>c. Wooden pole s fittings on MV 11/12 m Pole <ul style="list-style-type: none"> <li>i. Inter/Tee OFF</li> <li>ii. 2 ways sections</li> <li>iii. Terminal</li> </ul> </li> </ul>	Bidders are to provide the materials as per the BOQ. It's however upon the Bidder to work out the matrices of various fittings required.
15.	Confirm PME consists of 1 earth rod.	PME consists of earth rods enough to achieve the correct earth values.
16.	Could items Lot x-104 be split for wooden pole and concrete poles	Split for LV Stays and Single Phase Fittings into two (2) e.g. Lot x - 103(a) and Lot x -103(b).
17.	Confirm if 10 mm sq 1 core copper is needed in the meter box or will meter box come fully assembled with meter mounted. If needed kindly add an item for it on the price schedule	Include an additional row for 10mm <sup>2</sup> single core cable. Red and black 0.5 meters for each single-phase meter.
18.	Confirm fitting to support the meter box complete with Coach screws/ pole clamps etc. will be provide by KPLC	KPLC will provide universal clamps only for concrete poles.
19.	Confirm meter will not need communication cable	Yes. Communication cable not needed
20.	For item Lotx-102 kindly split it between wooden poles and concrete poles as the fitting have some differences	Provide appropriate fittings as per the BOQ.

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21.	In Kenya the poles have some cracking characteristics. Kindly confirm if these local poles will be acceptable with their behaviour pattern	Bidders shall be required to refer to attached Technical Specifications for Treated wooded poles on Technical requirements/standards.
22.	Due to challenges on not getting customer yield per KM could eth design item Lot x301 have 3 component a) new line c/w Customers in KM b) Customers not on new line c) Root length for Mid spans that have no new conductor)	Provide as per the BOQ.
23.	<p>Evaluation criteria issues</p> <p>In previous tender</p> <p>Project of 500 KM line route had turnover requirement on projects of 3 M US</p> <p>Project of 700 Km line had turn over requirement on projects of 4 M USD</p> <p>Project of 500KM has cash requirement of 300K USD</p> <p>Project of 700 KM had cash requirement of 500 K USD</p> <p>For award of 1 or 2 lots the criteria was lines in multiple sites and that were in different geographical locations being executed concurrently</p> <p>Could similar terms be considers or closely related terms to avoid complicated joint venture arrangement for qualification</p>	The requirements shall remain as stipulated in the tender document.
24.	Kindly confirm the payment terms will be honored as in a previous project we have encounters challenged which have made it such that the suppliers are not readily willing to trade with us with some credit and want things paid upfront.	Payments terms will managed as per the contract
25.	<p><b>2.4 Experience</b></p> <p>The similarity (LV,MV and Distribution Transformers 33/.433kV and 11/.433kV) shall be based on the physical size, complexity, methods/technology or other characteristics as described in Section VI, Employer’s Requirements (The contracts shall not include supply of Distribution Transformers, Treated Wooden Poles,</p>	The experience in design and construction of medium voltages i.e. 20kV will be considered equivalent to 11kV however a higher voltage other than 33 kV will not be considered for specific experience.



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	<p>Concrete Poles, 75mm<sup>2</sup> ACSR conductor, 50mm<sup>2</sup> AA conductor, 10mm<sup>2</sup> Concentric cable, Prepaid Meters , MCBs &amp; Pole Mounted Meter Boxes).</p> <p>Kindly note that our international partner contractors have done works mostly in a country where the Distribution Voltage is 20 Kv and there is no median voltage level line like 11 k V with some exceptions. Thus they have got enormous work experience in construction of lines of 110Kv, 20k V , 400 Voltage, 230 Voltage and installation/commissioning of, switchgears, transformers of 20/0.4 k V or 110 KV / 20 KV and 220 KV/ 20 KV. Actually, all these works are similar to 33 KV lines and there is no problem working on the 33 kv construction in Kenya if successful.</p> <p>In view of the above they would like to get your clearance that the 20 Kv experience will also be considered as 33 kv as asked in the QR above</p>	
26.	Please clarify whether Bidder should submit separate bid for each lot or combined bid for all lots, keeping separate Letter of Bid, Price Schedule and Bid Security since technical specification are common for all lots.	<p>Bidders shall be required to submit 2 hard copies and 1 soft copy for each lot separately.</p> <p>Envelopes for each lot should be clearly labelled with the Tender Number and Lot Number.</p>
27.	Please refer first paragraph of page number 8 of Contract Forms and clarify rate of interest for delayed payment	The rate of interest for delayed Payment will be agreed during Contract Clarification meeting for the successful bidders
28.	Kindly refer Article 3 Effective Date of Contract Agreement and confirm contract effective date will start after opening of documentary credit.	<p>Payment will be done through Direct Payments Only and Documentary Letter of Credit will not be applicable.</p> <p>Contract effective date will be therefore after the other conditions are stipulated in Article III (a)&amp; (b) and (c) Payment of Advance upon submission of Bank Guarantee.</p>



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29.	<p>With reference to Condition of Contract point GC 3.4.2, project is exempted from Import duties and VAT for all plant and equipment supplied from outside the republic of Kenya and project is exempted from VAT for all plant and machinery supplied from Kenya. Please clarify the following:</p> <ul style="list-style-type: none"> <li>• Design and Installation services will also be exempted from VAT or not, if applicable please provide prevailing rate.</li> <li>• Import Declaration Fees (2.25% of CIF) will also be exempted or not.</li> <li>• Railway Development Levy should be included in quoted price or it should be only indicative price</li> </ul>	<p>The project is exempted from VAT, Import Duties and Railway Development Levy and The prices should not include them unless for indicative purposes only</p>
30.	<p>In Clause 2.4.2 (specific experience) of section III, the minimum experience for award of one or more contracts is given. Please clarify the following.</p> <p><b>Question 1:</b> We can participate in more than one lots where as we are eligible for award of one contract only</p> <p><b>Question 2:</b> The experience for one lot is covered for 33 KV or 11 KV and/or LV lines whereas for two and more lots it is for LV lines only.</p> <p><b>Question 3:</b> It is mentioned that experience includes at different localities being executed concurrently. Whether it means we can take in to account that project under execution in different countries</p>	<p><b>Response Question 1:</b> Bidders can participate in more than one lot but award of more than one lot shall be based on meeting the minimum requirements spelt out in the bidding document</p> <p><b>Response Question 2:</b> The requirement shall remain as indicated.</p> <p><b>Response Question 3:</b> This means that a bidder undertook one contract that had multiple sites.</p>
31.	<p>As per items 103, 109 and 110 of schedule rates and prices , the LV line fittings and 11 KV/33KV intermediate fittings are required but other material for pole mounting substation are not covered whereas drawing for pole mounting substation is given.</p> <p><b>Question 1:</b> Please clarify whether PM substation and related equipment are not covered in this tender.</p>	<p><b>Response Question 1 &amp; 2:</b> The project does not involve MV line extension and installation of substations, hence materials for them not required.</p>


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	<b>Question 2:</b> Please clarify the material required under these items.	
32.	Please clarify the diameter and length of the earth rod and size of copper earth wire required for complete earth protective multiple earthing (PME) under item No. 110 of schedule of rates and prices.	Refer to technical specifications provided.
33.	Please indicate the rate of withholding tax applicable to this tender	Refer to Kenya Revenue Authority website <a href="http://www.kra.go.ke">www.kra.go.ke</a> or a tax expert.
34.	Table 3 and 4 of specification KP1/6C.1/13 TPS/03/005-1 of concrete poles specify the poles of ultimate load 5.0 KN and 7.5 KN & strength class 50 SC & 75 SC as per KS 1933.  Please clarify which is required in the tender.	The strength class shall be 50 SC
35.	As per clause 4.4 of Specification KP1/3CB/TSP/03/001-1, there are three types of 10.0 M wooden poles. Please clarify which type is required in this tender	The minimum Top diameter shall be 140 mm
36.	Please refer item No. 104 of schedule of rates and prices i.e complete LV stay. The specification KP1/6C.1/13/12/TSP/03/021 covers the stay wires of size 7/2.00, 4/4.00, 7/4.00 & 19/3.55 mm and guy grips suitable for 19/3.55 mm.  Please clarify the size of stay wire and other items required under items 104 of price schedule i.e. complete LV Stay.	The stay wire size shall be 4/4.00 (4/8 SWG)
37.	There are so many drawings for 11 KV/33 KV structure and pole mounted substation.  Please clarify the purpose for these drawings	The drawings are for general information.
38.	We wish to seek clarification regarding the Section V. A paragraph 1.6 where the first statement mentions that African Development Fund permits individuals from all countries to offer goods, works and services for ADF funded Project.  However, it further explains that “the proceeds of any financing undertaken in the operations of the	The Last Mile Connectivity Project - II which is under procurement under the above-mentioned Tender is being funded by The African Development Bank.  Eligibility of bidders shall therefore be as defined in Section V-Eligible



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	<p>African Development Bank and the Nigeria Trust Fund shall be used for procurement of goods and works including the related services provided by bidders from Eligible countries where eligible countries are defined as members Countries of the African Development Bank.</p> <p>Due to the ambiguity caused please clarify whether eligibility to bid is restricted to Member countries of African Development Bank only</p>	<p>Countries which states ‘The Last Mile connectivity Project II is financed by the African Development Bank. (ADB) Therefore the African Development Bank permits firms and individuals from only member countries to offer goods, works and services’</p>
39.	<p>KP1 6E.1/PT/1/17/A04: Design, Supply and Extension of Low Voltage Lines - Last Mile Connectivity Project II (LMCP II); kindly provide clarification in section III part 2.3.3 i; the required cash flow for lot 4 is not indicated.</p> <p>The cash flow for lot 5 seems too much. Please clarify</p>	<p><b>Response Question 1:</b> The required cash flow for LOT 4 is 2,000,000</p> <p><b>Response Question 2:</b> The cash flow for lot 5 is 2,000,000</p>
40	<p>We refer to the above-mentioned Bid and seek clarification as participants whether one should have a valid ERC and NCA Certificates to participate in the mentioned Bid</p>	<p>It is necessary for awarded contractors to comply with the required Kenyan Laws, however these shall not form part of the evaluation criteria.</p>
41.	<p>Under Part II -the section for Employers requirements. <b>Clause No. 14 Environment</b>, it says we refer to Section IX</p> <p>Please clarify, section IX is the contract forms</p>	<p>Section on environment is hereby attached as <b>Appendix III</b></p>

All other terms and conditions remains as per the tender document.

Yours faithfully,  
For: KENYA POWER & LIGHTING COMPANY LIMITED.



**ENG. JOSEPH K. GATHURU,**  
**ELECTRIFICATION PROJECT MANAGER.**



