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Our Ref: KE-KPLC-371792-CW-RFB/SM/aho

02nd November 2023

Dear Bidders

CLARIFICATION NO.1 OF BIDDING DOCUMENT FOR DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF SOLAR PHOTOVOLTAIC GENERATION PLANTS WITH ASSOCIATED POWER DISTRIBUTION NETWORK (MINI-GRIDS) IN MANDERA, WAJIR, GARISSA, TANA RIVER, LAMU, NAROK, KILIFI AND KWALE COUNTIES IN KENYA WITH 7 YEARS O&M SERVICES

CLARIFICATION TO BID DOCUMENT

The following responses are made to clarifications sought on various issues in the bidding document for Design, Supply, Installation and Commissioning of Solar Photovoltaic Generation Plants with Associated Power Distribution Network (Mini- Grids) In Mandera, Wajir, Garissa, Tana River, Lamu, Narok, Kilifi and Kwale Counties in Kenya with 7 Years O&M Services.

No.	Bidder Query/ comment	KPLC Response
1.	<p>We would like to request for your consideration, a revision of the average annual turnover requirements as per clause 3.2.</p> <p>Since ITB 4.1 allows for a maximum of 3 members in a JV, kindly allow the turnover distribution to be 40%, 30% and 30% and not 70% and 30% as it currently appears in the tender documents.</p>	<p>The average annual turnover requirement remains as per the issued bidding document.</p>
2.	<p>Please clarify the following points</p> <p>Bid security – For this tender is it acceptable if the Bid security is provided from Micro finance institutions domiciled in Kenya.</p>	<p>The bid security shall be as per the issued bidding document-A bank guarantee from a reputable source from an eligible country.</p>
3.	<p>Forced Labor Performance Declaration Form - Kindly clarify if this form is to be filled in for just the solar panel</p>	<p>The form Shall be filled for all manufacturers. Please refer to section II – instructions to bidders ITB 11.1 (j) of the issued bidding document</p>

No.	Bidder Query/ comment	KPLC Response
	manufacturers or for all the manufacturers?	
4.	Form CON-1: While the bidding document has form Con-2 & Form Con-3 . Form Con-1 is missing. Kindly clarify if this missing form is required for this tender.	This form is not part of this tender.
5.	Bid Security amount - the evaluation criteria states in 1.3 Multiple Contracts (ITB 35.6) that a single bidder can only be awarded maximum of two Lots .However since ITB 1.1 allows for bidders to bid for as many lots as they wish .There being a restriction of the number of lots to be awarded we request that you allow the bidders to only give bonds for the highest two tenders they wish to bid for.	Not allowed. Please refer to the issued bidding document ITB 20.1.
6.	Customer Connection liquidated damages: We refer to PCC 9.1 states "Connections to be made to Consumers immediately after Commissioning of SPGP and PDN. The Contractor shall commission SPGP and PDN and connect 100% of customers within the twenty-four months, otherwise applicable Liquidated Damages apply " while in Employers requirement 1.2.8 states " Collection of connection charges from consumers and ensure revenue collection from consumers on behalf of KPLC (including Disconnection and reconnection) and its deposit to Govt./KPLC Account as per KPLC Requirements/specifications	Contractor will be responsible for connection of 100% of consumers who have fully paid. Liquidated damages will apply. Refer to addendum No. 2
7.	If a Ready Board fitted with a 6A MCB (SP) instead of the 5A MCB (SP) stated in the KPLC requirements will be technically acceptable provided that the 6A MCP (SP) meets all the other requirements of MCBs as per clause 4.5 of the same specification.	No. It is not acceptable. The requirements shall be as stated in the issued bidding document
8.	If the use of a 10A Light switch in place of 5A light switch controlled by a 6A MCB for purpose of meeting the KPLC specifications for the KPLC Specification, Ref. No KPLC1/3CB/TSP/14/052 SPECIFICATIONS FOR READY BOARD (for Single-Phase service connections) is acceptable.	No.it is not acceptable. The requirements shall be as stated in the issued bidding document
9.	In order to enable us to prepare the bid with more competitive prices with high technical proposals, and have enough	Please refer to Addendum No.1 & 2.

No.	Bidder Query/ comment	KPLC Response
	time to issue the bid guarantees. We really don't want to miss this project. Kindly please extend the bid close date for one month.	
10.	<p>"Security equipment such as a perimeter fence and locked gate, solar field barricade fence, CCTV system for 17 No. of sites specified in Table 19, perimeter lighting, SPGP area lighting and building(s) security lighting and manually activated sound alarm system at the guard house." "CCTV system need to be provided for these 17 sites only or need to consider for all sites?"</p> <p>Perpheri lighting, control room, security guard cabin, Fire alarm system shall be needed for all sites?? As majority of sites are small and in kW."</p>	<p>CCTV system need to be provided for these 17 No. of sites specified in Table 19 of the issued bidding document.</p> <p>Peripheral lighting, control room, security guard cabin, Fire alarm system shall be needed for all sites as per the issued bidding document.</p>
11.	<p>SPV Mono/Poly crystalline modules of minimum 72-cells; and minimum 19.5% module efficiency.</p> <p>Is there any minimum Module Wp criteria considering provided land?</p>	<p>There is no minimum Wp specified so long as the module meets a minimum of 72 Cells and efficiency of 19.5%.</p>
12.	<p>"Export Energy meters system complete with CT, VT Set where necessary and accuracy class</p> <p>As per KPLC Requirements /specifications and grid code requirements.</p> <p>It should also be supplied with meter reading instrument also includes user manual, universal battery charger, RS 232 communication cable, rubber boot, carrying case and one number software for downloading of data to PC for Report generation for each plant."</p> <p>This Export meter will be installed at which location? There is lot of confusion in metering system. Bidder wants to know exact requirement.</p>	<p>The export energy meter will be installed at each solar power generating plant (SPGP).</p> <p>Every export energy meter shall be accompanied by a meter reading instrument that shall include user manual, universal battery charger, RS 232 communication cable, rubber boot, carrying case and software for downloading data to PC for Report generation for each plant.</p>
13.	<p>"Solar Meter at ACDB for recording export of Solar energy and import of Auxiliary energy; Meter to record Import/export of energy from BESS and with CT- PT as applicable</p>	<p>Yes, it's correct. Please refer to section 4.11 metering at SPGP of the technical specifications for solar power generating plant (section IV).</p>

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	<p>having accuracy with main & check meter at Outlet of SPGP as per Grid code."</p> <p>Bidder understand that there shall be 1 Solar Meter near ACDB, 1 Import/Export meter at BESS, 1 check and 1 main meter at outlet and 1 meter at DG. Please clarify.</p>	
14.	<p>Single-Phase Static Meters for Active Energy</p> <p>Where we need to install this static meter? Is it the same meter which provided by employer at each user or different?</p>	<p>Yes, the export/solar energy meter specifications is to be provided by the bidder. KPLC will provide single phase pre-paid customer meters</p>
15.	<p>Auxiliary supply / local loads interconnections.</p> <p>Bidder wants to know Which auxiliary supply mentioned here?</p>	<p>These are the supplies for the controls and protection as per section 4.20 – auxiliary power supply</p>
16.	<p>Soil Resistivity Test Report</p> <p>Please share soil resistivity test report for correct design of earthing system</p>	<p>Bidder to include soil resistivity test in their Geotechnical investigation scope</p>
17.	<p>Any specific makes of majority of equipments?</p>	<p>No specific makes. Please refer to KPLC specifications.</p>
18.	<p>Chances of theft considering 7 years of O&M?</p>	<p>Bidder to cost all the risks in O&M</p>
19.	<p>What are the approximate Right Of Way charges for distribution lines of all types?</p>	<p>No charges. If any, the charges will be borne by the government.</p>
20.	<p>Land acquisition for setting up the generation station is the Employer's responsibility in liaison with the Ministry of Energy. Land areas for setting up of SPGP for all mini-grids sites have been identified and gazetted. The locational/ geographical details of these sites including coordinates has been provided in Appendix 1.</p> <p>Appendix 1 is missing. Please share</p>	<p>Refer to Appendix 1 pages 171-185 of the issued bidding document</p>
21.	<p>Steel Structures for Overhead Lines</p> <p>Concrete poles are required or steel poles?</p>	<p>Concrete poles are required as specified.</p> <p>The steel structures specified are the line fittings.</p>
22.	<p>The Contractor is fully responsible for defects and equipment failure during the 10 years O&M period. O&M is for 7 years or 10 years? Please clarify</p>	<p>Please refer to Addendum No.2.</p>
23.	<p>All mini-grids in Lots 1 to 8 shall be completed within Eighteen (18) months from the Effective</p>	<p>Please refer to Addendum No.2.</p>

No.	Bidder Query/ comment	KPLC Response
	Date as described in the Contract Agreement for Supply and Installation. As per tender description, completion period is 15months. Please clarify it is 15months or 18 months?	
24.	Environment conditions for Design. Please mention Environment condition for design of major equipments. (Minimum, Maximum temperature etc.)	The Environmental conditions are given in all the equipment specifications as: Altitudes of up to 2200m above sea level, humidity of up to 90%, average ambient temperature of +30°C with a minimum of -1°C and a maximum of +40°C and saline conditions along the Coast.
25.	"to demonstrate the current soundness of the Bidders financial position and its prospective long-term profitability" Q : Does the bidder need to have positive profit for each year starting from FY 2018 to FY 2022?	Yes, its necessary and required for the bidders to demonstrate long term profitability
26.	<p>"The overall cash flow requirements for this contract and its current commitments"</p> <p>Q: What's the value of the overall cash flow requirements for this contract? For example, if our bidder price for Lot 1 is USD 6m, do we need to demonstrate our access to financial resource of USD 6M? or need to demonstrate our access to financial resource of USD 1.5M from the document?</p> <p>Does certificate of deposit meet the requirement of demonstrating our access to financial resource? Please refer to below for the detailed example.</p>	<p>The cash flow requirement for each lot is specified under Section III evaluation and qualification criteria sub section 3.3 financial resources.</p> <p>Yes, but must be authenticated by the issuing bank.</p>
27.	<p>"Experience in solar energy under contracts in the role of contractor, subcontractor, or management contractor for at least the last 7years starting 1st January 2016"</p> <p>Q : Is this requirement referring to providing relevant experience within the last 7 years starting from 2016, or is it about providing experience spanning a continuous 7-year period from 2016? For instance, if we have a company established after 2016, would it not fulfil the "7 years" requirement mentioned in the document?</p>	<p>The requirement is referring to providing relevant experience within the last seven years.</p> <p>A company established after 2016 would Fulfill the requirement if it has relevant experience</p> <p>Refer to section III evaluation and qualification criteria sub-section 4.1 and 4.2B.</p>

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28.	<p>"Similar contracts should include design, supply, installation and commissioning of Solar PV power plants/ Solar grids tied/ Stand Alone Solar systems and Solar Minigrids" Q : Are there precise definitions for the following four types of projects: a) Solar PV power plants, b) Solar grids tied, c) Stand Alone Solar systems, and d) Solar Minigrids? Or, to align closely with the definitions of these four types of projects, what are the specific criteria for each type that are considered essential (since we noticed that most of the criteria mentioned for these types mainly refer to PV capacity)? For instance, does a microgrid project include criteria for energy storage capacity? Does it also include criteria for the length of external installations? This is to help us accurately identify which of our project experiences align with these four project categories</p>	<p>Kindly refer to section III evaluation and qualification criteria sub section 4.2 (a)&4.2 (b).</p> <p>Under sub section 4.2 (b), The specific experience which is required is for solar minigrids – i.e. experience in solar generation and distribution lines.</p>
29.	<p>From a reputable source from an eligible country.</p> <p>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" Q : Per the description above, as long as the bank guarantee is in the bidding form as per attached in bid documents and from a reputable source from an eligible country, it is acceptable. To double confirm, is a bank guarantee issued directly from a Chinese bank acceptable.</p>	<p>The bid security should be from a reputable bank from eligible country.</p>
30.	<p>The contractor shall fence approximately minimum of 1acre of the acquired land, to secure the developed area. Some of the sites have smaller acreage less than one acre, if they are less than 1acre in size, how can contractor fence minimum 1 acre?</p>	<p>The sites with smaller acreage (less than 1 acre) will be 100% fenced.</p>
31.	<p>Please confirm KPLC will be responsible for the following costs and the bidders shall not include in their Bid the following costs: i) Custom Duties ii) Import Declaration Fees iii) Value Added Tax (VAT)</p>	<p>Yes, confirmed. For Goods to be supplied from abroad, the supplier shall be responsible for clearance of the equipment. However, KPLC shall make direct payment to Kenya Revenue Authority (KRA) for the cost of the following; i) Custom Duties ii) Import</p>

No.	Bidder Query/ comment	KPLC Response
	iv) Kenya Railway Development Levy (KRDL)	Declaration Fees iii) Value Added Tax (VAT) iv) Kenya Railway Development Levy (KRDL)'
32.	Since there is a 7 years O&M Period O&M to be started from the Operational acceptance of the Plant Facilities (SPGP and PDN), we understand the Defect Liability Period under GC 27.2 is not applicable. That means 7 years O &M period itself is the Defect Liability Period. Please confirm our understanding is right	The O&M period starts after issuance of operational acceptance certificate. Please refer to O&M PCC of the issued bidding document.
33.	Since we are confused by the Defect Liability Period as we described in Questions under above ITEM 2, please confirm the exact Validity of performance security	The validity of the performance guarantee in supply and installation contract runs up to defect liability period. The O&M contract will have its own performance security. Refer to supply and Installation PCC 13 and O&M PCC 13
34.	We understand the Time for Completion is 15 months until completion of pre-commissioning activities, so the validity period of AP Security shall be 15months, please confirm.	Please refer to section VIII - GCC subsection 13 (13.2.2) (securities)
35.	For the Contractor's equipment temporarily imported into Kenya, can KPLC help provide tax exemption or make payment for the cost of the followings: i) Custom Duties ii) Import Declaration Fees iii) Value Added Tax (VAT) iv) Kenya Railway Development Levy (KRDL)	The contractor's owned equipment cost into the country will be borne by the contractor.
36.	We are bidding for multiple lots in the tender. Please allow bidders to submit one technical document and include in it, the Price Schedules and Letters of Bid for all the Lots tendered. This will allow bidders to avoid a lot of documentation in submitting each lot separately.	Each lot shall have its own relevant documentation and submitted as a separate document per lot
37.	Given that the bidder can only be awarded a maximum of two lots, please allow bidders to submit one set of personnel and one set of tools / equipment to cover all lots tendered.	Each lot shall have its own relevant Personnel
38.	In the Volume I contract forms point 4.1 scope of O&M work for SPGP it is listed that Cost of Diesel for DG for supply of energy as per requirement to maintain the regular Supply to consumers while, in the Volume II	Kenya Power shall bear the cost of fuel during the 7years O&M period as described in Volume II sub section 1.2.10. Please refer to Addendum No. 2

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	<p>Point 1.2.10 it is indicated that the supply of fuel during O&M period will be done by KPLC as per schedule to be discussed with the winning bidders.</p> <p>Question: Please clarify who will be responsible for providing the fuel during the O&M period?</p>	
39.	<p>In the Volume II Point 1.2.8 Collection of connection charges from consumers and ensure revenue collection from consumers on behalf of KPLC (including Disconnection and reconnection) and its deposit to Govt. /KPLC Account as per KPLC Requirements/specifications. (Volume II page 27)</p> <p>Question: Could you please specify clearly the work required from the bidder for the above point.</p>	Please refer to addendum No. 2
40.	<p>In Volume II Point 2.1.2.10 0.415/11kV step up transformers and 11/0.415kV step down transformers as per Requirement then in Volume IV technical specification of the transformer is showing 420 V.</p> <p>Question: Please specify the required voltage whether it is 415 or 420V?</p>	<p>Use Voltage levels of 420V as per the KPLC standards.</p> <p>Please refer to Addendum No. 2</p>
41.	<p>In Volume II point 4.20.1 An independent auxiliary power supply to keep battery inverters on at any given time mostly when the batteries are below the minimum DOD, to enable keep master inverters on standby and ensure continuous battery charging shall be supplied. (Volume II page 87)</p> <p>Question: Could you please clarify the auxiliary power supply required for this project.</p>	Please refer to Volume II section 4.20 on the auxiliary power supply.
42.	Manufacture Warranty form missing (Kindly provide)	Please refer to the text of the Manufacture's Authorization Form, section IX-Particular Conditions of Contract, and Clause 27 of the General Conditions of Contract." in the issued bidding document.
43.	Technical specification for Step-up transformer is missing. (Kindly advice or provide)	Please refer to Volume IV (technical specifications for various items in power distribution component) Document No.KP1/13D/13/TSP/10/001- 02
44.	There is 2,727 customers connection in Lot 8, could you please indicate in the BOQ where the 2,727 meters are included for the procurement, who is responsible for the Goods supply.	The scope of supply of pre-paid meters for customers is the responsibility of Kenya Power while other materials including other generation meters in regards to this tender are the responsibility of the bidder to supply and install.

No.	Bidder Query/ comment	KPLC Response
45.	<p>I hereby seek clarification on the following sites that do not bear any households within the vicinity of the provided generation stations' GPS coordinates: Please advise:</p> <p><u>Lot 5</u></p> <ul style="list-style-type: none"> • Handaro • Gubaba • Kotile <p><u>Lot 6</u></p> <ul style="list-style-type: none"> • Kuhamato 	<p>Bidders are advised to use the provided coordinates as given in volume II subsection 1.2.3.</p>
46.	<p>Item 3.1 Average Annual Turnover:</p> <p>a) The Turnover Figures quoted are high for 5 years and considering COVID time. If it could be modified to 3years out of 10years and Construction experience.</p> <p>b) The Turnover to be Power System Construction experience.</p> <p>c) Entry level not provided for and we feel this is required to build capacity.</p>	<p>Please refer to Addendum No. 2</p>
47.	<p>The values quoted range from US\$1.0M to US\$4.4 Million of similar Solar Mini grids. These are prohibitive because of the following.</p> <p>a) Solar Mini Grids is a recent field and such Projects are rare. Paralleling principles are the same whether in a small grid or large Grid.</p> <p>b) If the experience can be changed to Energy Projects rather than specifically solar projects.</p> <p>c) Any Power Generation system operating in Parallel operates with similar Principles and therefore Diesel + Solar will have similar paralleling principles and Hydro+Diesel or Solar + Hydro etc. 1kW or 10kW or 100kW Solar has the same Technology. If you could consider Experience in any Power System Generation as being sufficient.</p> <p>d) The Specific experience talks of Design, Supply, Installation and Commissioning. If this could be reviewed to be on Power System experience rather than specifically Solar</p> <p>i) Design/Commissioning relates to the Technical Capability. But the Revenue values tend to be much lower since they are Man-hours.</p>	<p>Please refer to Section III subsection 4.2 (a)</p>

No.	Bidder Query/ comment	KPLC Response
	<p>ii)Supply is not Technical and has the biggest value and this is a Supplier and mainly Logistics</p> <p>iii)Installation is a small turnover value.</p> <p>iv) A large component of the Tender is Distribution.</p> <p>We would like to request the Specific Requirement to read: Experience in Solar Plants (design, supervision or commissioning) is preferable Experience in Power Projects of the values indicated is required.</p>	
48.	<p>a) We agree T3 is necessary for regulation of any Technicians and Artisans involved in Domestic Solar Systems. However, it is restricting development of capacity to undertake large Projects.</p> <p>b) T3 is a Technician License according to EPRA. It has not defined the roles of Experienced Engineers and waters down the experience of Professional Engineers.</p> <p>c) For a Large Solar Plant e.g. 40MW, the scope as defined in T3 cannot Design, Install and Commission such a plant.</p> <p>d)Solar power Generation is the simplest form of Power Generation and whereas other forms more complex like Gas Turbines, Diesel Generators, Hydro Power Plants, Geothermal Power Plants, Wind Turbines exist and we all learn thorough Self Education, we feel T3 requirement is locking out more experienced Engineers and Technicians.</p> <p>e) International Companies operating abroad do not require T3 to employ anybody.T3 is more of a Local qualification.</p> <p>f) Foreign Companies which undertake very complex Solar Projects like Huawei, Sterling Wilson, CAMCE and large EPCs do not have a T3.</p> <p>We feel an Engineer or Technician with Relevant Power Generation experience should be sufficient.</p>	<p>Please refer to section IV subsection 2.5 No.4. Bidders shall provide Energy and Petroleum Regulatory Authority (EPRA) Solar PV system class T3 licence (For local solar PV specialist) or equivalent(for solar PV specialist from their respective licencing bodies)</p>
49.	<p>Currently we are under preparation for bidding for Lot No. 7, does that mean we have to bid for all sites among Tana River, Lamu and Narok counties? or we can just</p>	<p>There are eight (8) lots. You can only bid for a full lot. Please refer to Volume I, Section III (Evaluation and Qualification Criteria), 1.2(g)</p>

No.	Bidder Query/ comment	KPLC Response
	bid for one site, for example: just bid for Narok counties?	
50.	We understand that the experience of Ground Mounted grid tied Solar plants is considerable and meeting the requirement. Please confirm.	Please refer to Volume I, Section III (Evaluation and Qualification Criteria)
51.	Is the experience, bidder/JV Partner of MV (11kV/33kV)/LV (400V) on Concrete/ wooden/ steel poles is acceptable under mini grids. Kindly elaborate.	Please refer to section III evaluation and qualification criteria sub section 4.1, 4.2, and No. 28 above.
52.	The Bidder shall enclose the original and all copies of the bid, in separate sealed envelopes, duly marking the envelopes as "ORIGINAL", "COPY 1", "COPY 2," and a Soft Copy in a Flash Disk." please clarify, does this mean that in addition to the original of the Bid, two copies are requested?	Yes, in addition to one original and two copies (copy 1 and copy 2), a soft copy in a flash disk is also required.
53.	In Volume I, Section IV - Bidding Forms, specifically in the equipment table (Page 69), it is stated that for No.4, No.5, and No.10, we should provide details in the relevant form in Section IV. However, we were unable to find the lists of construction tools, design tools, and solar tools in Volume I-IV. Could you please provide us with these lists?	Please refer to Volume 1 section IV subsection 2.6, on bidder's responsibility to provide the list.
54.	For the construction, turnover or financial data required for each year, which day's exchange rate is used for conversion? Can the exchange rate prevailing on the last day of each calendar year be used for the calculation?	The prevailing exchange rate as at the time of the period of financial statements.
55.	In Appendix 2 - Guaranteed Technical Particulars (GTP) of the second volume, there is a reference to the GTPs for major items of PDN (Page 193). However, we could not find one of the files mentioned, specifically the GTPs for "10) LINE INSULATORS (11KV AND LV)" with the document code KPLC/3CB/TSP/04/017/2. Please kindly provide us with the document KPLC/3CB/TSP/04/017/2.	Document No.KPLC/3CB/TSP/04/017/2 is attached in volume IV page 201 indicated as KP1/6C.1/13/TSP/04/017/2.
56.	5.31.1 Fencing: The contractor shall fence approximately minimum of 1 acre of the acquired land, to secure the developed area.	The sites with smaller acreage (less than 1 acre) will be 100% fenced.

No.	Bidder Query/ comment	KPLC Response
	Our question is: Some of the less powerful power plant sites have smaller acreage, if they are less than 1 acre in size, do they still need to be fenced?	
57.	About the withholding tax: Does the withholding tax applicable for Schedule 3/4/5/6 in Volume III Schedule of Rates and Prices? If so, does it need to be included in the quotation? Or is the tax listed separately without considering into bid results?	All schedules are subject to Withholding Tax
58.	For our quotation, we need to know more about the FAT, As the FAT cost of the main parts shall be borne by contractor, please inform us of the specific requirements regarding the number of visitors, frequency of visits, duration of each visit, and detailed specifications for transportation, accommodation, allowances, etc.	Please refer to addendum No. 2
59.	In Volume IV, document KP1/13D/13/TSP/10/001-02, section 4.14.2 (Page 30) refers to document KP1/3CB/08/001. However, we were unable to locate this document in Volume IV. Could you please provide us with the document KP1/3CB/08/001?	Please refer to Addendum No.2. for the attached specification attached as KP1/3CB/TSP/08/001.
60.	We noticed that the client listed the specific geographical location of each construction site in this part, but these coordinates cannot be found on Google map. Could you please provide the standard coordinate on Google Map? or provide the KML format of the locations.	The provided coordinates are Eastings and Northings and the bidder is at liberty to convert to any other format.
61.	Except the Major Equipment, how long is the warranty requirement for other equipment?	Minimum One (1) year.
62.	The first phase of the contract, which is the EPC part without O&M, only mentions a defect liability period of 540 days. Please clarify the warranty period terms of the first phase of the contract.	The defect liability period shall remain as stated in Volume I Section VII GCC 27.2
63.	We add Product Warranty and Performance Warranty in the file. Is that ok? See the underline part of attachment 1-Product Warranty and Performance Warranty	Please refer to Clause 27 of the General Condition of Contract." in the issued bidding document.
64.	The Bidder shall copy in the left column of the table below, the identification of each functional guarantee required in the	The functional guarantees are not required in the bid.

No.	Bidder Query/ comment	KPLC Response
	Specification and stated by the Employer in para. 1.2 (c) of Section III. In Section III – Evaluation and Qualification Criteria, it is described that the minimum (or maximum) requirements for functional guarantees as stated in the Specifications are N/A. Does N/A mean that we are not required to fill in the Functional Guarantees?	
65.	Due to the rated power of each genset is not high, the standard soundproof canopy shall be provided for genset to ensure the requirement for noise emission no need provide in 6m container?	Please refer to addendum No. 2
66.	The random frequency variation shall not exceed +/- 0.25% ' is too strict for small size gen-set, we propose change this value to 'not exceed +/- 1.5%' to follow the ISO 8528-5, class G2	Please refer to addendum No. 2
67.	Engine supplier do not propose the heavy-duty cleaner for this project, it is mostly used in very dusty environment, eg, mines. Can we provide standard cleaner? It is suitable for site condition	The bidder is advised to refer to Volume II section 4.18 subsection 4.18.1.9.11
68.	AVR with an alphanumeric LED readout is normally used for large size generator, it is difficult to install at the small size generator, and the price is very high. Can we provide standard AVR for this project?	The bidder is advised to refer to Volume II section 4.18 subsection 4.18.1.11.6
69.	Rated current for gen-set is not high in this project, so the ACB is not necessary. MCCB (Molded Case Circuit Breaker) + Electric operating mechanism can be used for GCB, and perform the synchronization closing, opening and breaking when electrical fault happened.	The bidder is advised to refer to Volume II section 4.18 subsection 4.18.1.13.7
70.	Is IP20 acceptable for indoor inverter installations? Generally, IP20 is sufficient for indoor installations.	The bidder is advised to provide at least IP-54 as specified in IEC 62109-1, IEC 62109-2
71.	Table 8: List of Standards Solar PV Inverters /Battery Inverters describes many standards for Solar PV Inverters and Battery Inverters that must be complied with. We suppose some of these standards apply to solar inverters, while others are specific to battery inverters. So, which standards from the table should the battery inverter comply with – some of them or all of them?	The bidder is advised to comply with all the relevant standards listed.
72.	We are requesting for clarification on the serialization of the bid document. Is it a requirement?	Yes , serialization is a requirement

No.	Bidder Query/ comment	KPLC Response
73.	<p>Please clarify that there is two formats of schedules of rates and prices in the Bidding documents.</p> <p>1. Page 16 IV bidding forms; 2. VOLUME III SCHEDULE OF RATES AND PRICES MINIGRIDS KOSAP KPLC;</p> <p>As there does exist difference in these two types of formats, so please specify which one will be used to fill the cost.</p>	<p>Use Volume III Schedule of rates and prices Minigrids KOSAP KPLC</p>
74.	<p>We request clarification for the following: (1) for the grid isolation and harmonic suppressor transformers (isolating transformers) specifications are not provided. Kindly provide.</p>	<p>Design of Isolation transformer where applicable, shall fall under bidder's discretion.</p>
75.	<p>(2) The specifications for meters provided are more than 5 years and not the current meters. kindly provide</p>	<p>The bidder is advised to comply with provided specifications.</p>
76.	<p>(3) For all stations where the stations are located, the Insolation levels are critical in our designs. Kindly provide these for optimum designs.</p>	<p>Insolation levels data falls under bidder's responsibility.</p> <p>Bidders are expected to use the secondary data provided (on system and component sizing) for purposes of uniform bidding The most advantageous bid will, at the detailed design stage, acquire all such data for and by themselves.</p>
77.	<p>(4) To act on the above, more time is required. Kindly consider an extension of at least two weeks.</p>	<p>Please refer to Addendum No.1 & 2.</p>
78	<p>Our Banker has vetted the BG Format and has provided following added sentence Highlighted in Green below in the Bid Security BG Format, which is required as per Banking Standard Norms towards Currency Exchange variation without affecting the Essence of the BG Format.</p> <p>"At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ (____) upon receipt by us of the Beneficiary's complying demand and the Kenya Shilling currency shall be converted and paid in Japanese Yen by applying the buying rate of the Central Bank of Kenya at the date of the Beneficiary's demand, supported by the Beneficiary's statement, whether in the demand itself or a separate signed document accompanying or</p>	<p>The bid security format to be used is as provided In the issued bidding document.</p>

No.	Bidder Query/ comment	KPLC Response
	<p>identifying the demand, stating that either the Bidder":</p> <p>We request KPLC to accept the above BG and request one Line of confirmation to proceed with our Bank for issue of the same.</p>	
79.	<p>Please give us 1-month extension, and let us have enough time to finish the site survey and prepare the bidding document.</p>	<p>Please refer to Addendum No.1 & 2.</p>
80.	<p>Kindly give us a three-week' extension from the current deadline 17th October, 2023 to 7th November, 2023 to allow us to prepare a fully perfect documents because of the eight days' holiday in China.</p>	<p>Please refer to Addendum No.1 & 2.</p>
81.	<p>Our suppliers for major items are mostly Chinese companies, and China is headed for a nationwide holiday within October. AAs such we are requesting for extension of the closing period of the bid by one month to 17th November 2023, to allow us have enough time to respond to the bid in spite of this holiday</p>	<p>Please refer to Addendum No.1 & 2.</p>

Yours faithfully,

For: KENYA POWER & LIGHTING COMPANY LIMITED.



DR JOHN NGENO

GENERAL MANAGER SUPPLY CHAIN & LOGISTICS