



## EXTENSION & CLARIFICATION OF TENDER

The Kenya Power and Lighting Company Limited (KPLC) wishes to inform bidders participating in the tender below that clarifications and extension has been deemed necessary. The closing date has therefore been extended as shown below;

### 1. DEADLINE FOR SUBMISSION OF BIDS

Deadline for submission of bids have been amended as follows;

NO.	IFB NO.	DESCRIPTION OF GOODS	ORIGINAL CLOSING DATE	NEW TENDER CLOSING DATE
1.	KP1/6D.4/PT/1/17	Procurement of Plant Supply, Installation and Commissioning Of 550kw Solar Plant at Lodwar Power Station -Kenya Electricity Expansion Project (Keep)	20.06.2017	18.07.2017

Bidders are advised to collect clarifications from the office of the **Chief Engineer, Off - grid Power Stations Kenya Power and Lighting Company Limited, Electricity House, Harambee Avenue, Nairobi** on normal working days from Monday 19<sup>th</sup> June 2017 between **9.00 a.m. & 12.30 p.m.** and **2.00 p.m. & 4.30 p.m.**

Bid Security should therefore be valid for 178 days from the new date shown above.

Prospective bidders may also download the clarifications from KPLC's website ([www.kplc.co.ke](http://www.kplc.co.ke)).

The Bids will be opened at the time indicated in the bid document on the new closing dates shown above. Bidders or their representatives who wish to witness the opening are welcome to do so at the Auditorium – Stima Plaza.

**All other terms and conditions of the tender remain the same.**

  
**BERNARD NGUGI**  
**GENERAL MANAGER, SUPPLY CHAIN**

**PROCUREMENT OF PLANT SUPPLY, INSTALLATION AND COMMISSIONING  
OF 550kW SOLAR PLANT-KENYA ELECTRICITY EXPANSION PROJECT  
(KEEP)**

**12/06/17 - Clarifications no.2**

<b>No.</b>	<b>QUESTION</b>	<b>ANSWER</b>
1	Can contractor's bank issue the bid security directly to the beneficiary (KPLC)? (or does this have to be issued by the Correspondent Bank)	Corresponding bank is required to issue
2	4.3.2 Requires that the battery manufacturer must have at least 10 years experience. Can you reconsider this taking into account that some of the best battery companies today have less than 10 years experience	Please state your battery supplier experience
3	The battery / PCS spec: "The converter shall be capable of operation at 150% power for at least 30 seconds" – is this a minimum?	It is the requirement.
4	Please provide clarification on ITB 19.3: The sentence "Where the bid security is offered from outside the employers country" implies that this is OK. BUT then ITB19.3 goes on to say "the issuer shall have a correspondent bank in the employers country to make it enforceable". However, it does NOT state that the Guarantee must be issued BY the correspondent bank. ITB 19.1 also states that the Bid Security shall be issued by an acceptable bank to the employer. Do you have a list of acceptable banks or can you confirm that NatWest Bank Plc (part of the Royal Bank of Scotland) will be acceptable?	Already answered in question 1 above. The bank has to be the corresponding local bank.
5	Do we need to submit Form FIN-3.3 and FIN 3.4 although they are not included in Section III. Evaluation and Qualification Criteria?	Not necessary
6	Do we have to provide Audited Account for 3 or 5 years?	3 years will do
7	We cannot find the Manufacturer Authorization Template within the Bid Documents. Do you want a specific format?	No specific format.
8	On technical specifications you require battery design life shall be 20 years (that is 7300 cycles) with daily cycling of 300kWh. This life time seems excessive to us. Is this a recommendation or a requirement? In case of being a requirement: If we install 400kWh it will involve DOD (Depth of Discharge) =75%, that is unfeasible and we should install batteries with higher capacity in order to reduce this DOD (i.e. 600kWh with DOD=50%).	The battery design life specified on technical specifications is a requirement



	This is a quite strict requirement that few manufacturers meet so we believe this issue limits the competition.	
9	Specific Procurement Notice mentions about the possibility of download the Bidding Documents for free or pay for a non-refundable fee. It is not necessary to pay that fee to participate in the tender, right?	Correct. It is not necessary to pay to participate if you downloaded the document
10	Regarding the tender guarantee specified on ITB 19.1, can we provide a bank guarantee directly from a Spanish Bank?	No
11	Are you going to retain money under each interim payment?	Yes. The retention amount specified.
12	Will you accept electronic signatures in the bid?	No
13	Do we have to include the tables A, B and C located in "Appendix to Bid"?	No
14	Do we have to fulfil Bill 2 and 3 Earthworks and Culverts and Bridget even if we don't have details of the site?	No
15	Can you provide more information regarding the Factory Acceptance Certificate? The costs the contractor must assume are related to trips and accommodation or should we include more costs such as tests and fees?	You have to make provisions for it in the schedule of requirements.
16	Can we work with another low voltage range rather than 400V if the MV range will remain 11 kV?	Comply with the requirement
17	Can you provide technical specification of existing Diesel generators (Capacity, Gensets control)?	It is not possible at this stage. Information could be obtained during site visit.
18	Can you provide technical specification of existing PV plant?	It is not possible at this stage. Information could be obtained during site visit.
19	Can you provide drawings of the site? Do we need to know details such as space and slope?	It is not possible at this stage. Information could be obtained during site visit.
20	Does both required transformers has the same rated power? 630 kVA	Yes
21	What is the vector group of the transformers?	Please check specifications provided
22	Is some site container needed on site after construction works?	Yes
23	If we offer central inverters solutions, what we should offer as spare part?	Central inverters are not recommended due to the spare provision
24	Who are the recipients of the training?	Recipients are Kenya Power & Lighting staff
25	Is it possible to submit a fixed price offer rather than a BOQ?	It is possible as long as there is breakdown of the prices for the items.
26	Could you provide more clarification on the adjustments during the performance of the Contract?	No adjustments of price is expected during the contract

27	Should we include RDL and GOK fees for imported goods in the final price?	Yes. Include all taxes including VAT
28	Do we have to use this Bill as earthworks would be included in installation within Bill no 1? Do earthworks refer to the mounting structure & cable trenches only? If so, is the number of piles & trench length adequate information or is anything further required?	Fill where necessary/applicable only.
29	Is this compulsory as we are pricing fixed price?	No
30	Contractor's Equipment - please clarify if you refer to heavy machinery that will be brought to site for the purpose of the installation, or whether all tools need to be listed.	Yes it is the heavy machinery that will be brought to site for the purpose of the installation
31	What are the provisional sums to cover?	It is an estimate for the works element
32	Is a method statement required for the submission?	Yes
33	Is it possible to have just one schedule combining mobilisation and construction?	It is possible as long as you factor all the requirements for successful implementation of the project
34	"The clearing of all working areas includes check-survey of existing power generation system at Lodwar" Are we expecting to assess the condition of the generators?	It is for your information towards the requirements of the project
35	The Contractor's local labour will consist of 30% women - does this refer to the on-site team, or the women in the design team count towards the 30% local labour women requirement. How will it be audited?	It refers to the workforce of the contractor.
36	Office including full services at a location directed by the Engineer - do we need to show this detail on the drawings that will be submitted?	Yes
37	In the tender documentation, you seek a N+1 redundancy on the batter inverters (PCS). Given that you ask for a 400kVA battery converter, does this mean you expect, for example, to have 2x 400kVA PCS to allow failure of one battery inverter	Yes
38	Can inverters and sub distribution boards of suitable IP protection be mounted outside? Otherwise DC cable runs will be very long and associate losses high	Yes they can be mounted outside provided it meets the suitable IP protection.
39	Can frameless modules be used?	Comply to the specifications
40	Facilities for the Client/Engineer: Transport. No vehicles and/or specifications included. Could you provide more detail on the Transport required?	This refers to suitable transport to be used by project team.
41	Facilities for the Client/Engineer: Communication Equipment. No details or specifications included. Could you provide more detail on the Communication Equipment required?	This refers to mobile communication equipment for project team
42	Would KPLC consider allowing Option 2 (Performance Bond) as the Performance Security? This is in line with the General Conditions.	Yes that is correct



43	In light of the 5% retention which will remain held by KPLC between Taking Over and the end of the Defect Liability Period will KPLC consider a reduction in the Performance Bond at the time of Taking Over (as the works will have been completed). We would propose a reduced figure of 5% after taking over.	That will be agreed during negotiations.
44	Kindly confirm the project will be exempted or not and also the final contract quotation should include 16% VAT or not.	It will not be exempted. Please include VAT in your quotation.
45	Kindly confirm the bidder should fill the appendix to Bid form from page 49 to 52 or not.	Yes. It should be filled to get the breakdown of prices for the bid
46	Kindly confirm daywork price schedule from page 56 to page 59 and summary of specified provisional sums on page 60 will be part of letter of bid calculation or not	It will be part of bid calculation. All costs associated with the project should be included because it will be a fixed price.
47	Kindly confirm the 45m2 site office and the mentioned equipment in page 103 is mandatory or not.	It is mandatory
48	Iron phosphate lithium battery will be good solution to the project requirement. But this type of battery is a new type of battery. Kindly confirm 5 years manufacture record can be accepted.	Please specify in your offer the type of battery alongside the manufacture record