Kenya Power

Our Ref:KP1/6A.1/PT/1/16/17/A60   *15th August* **2017**

Dear Sir/ Madam:

CLARIFICATION No. 3 OF BIDDING DOCUMENT FOR ICB NO: K P1/6A.1/PT/1/16/17/A60 DESIGN, SUPPLY, INSTALLATION AND COMMISSIONING OF PHASE 2 NAIROBI ADVANCED DISTRIBUTION MANAGEMENT SYSTEM (ADMS) ISSUED ON TUESDAY, 9TH MAY, 2017

The following responses are made to clarifications sought on various issues in the Bidding Document for Procurement of design, supply, installation and commissioning of phase 2 Nairobi advanced distribution management system (ADMS).

No.	Bidder's query	Client's response
1	Price schedule 1.2 Field Devices: RTU Quantities, do not correspond with the MV equipment required to supply, please clarify	The quantities in the price schedule correspond and are as follows; total RTUs = 710No. For LBSs, 112No. for RMUs) Total control boxes = 26 (20No. 11kV Autorecloser and 6No. 33kV Autorecloser), 31No. Spare RTUs.
2	RMU Automation: Please provide manufacturing drawing and equipment details of all to be integrated(Siemens, Lucy) Automated RMUs to be supplied by KPLC	Refer to clarification 1 item 20
3	Schedule 4.1: In Schedule 4.1 it is defined that 94 RMU rooms are to be refurbished. Therefore we understand that all RMUs to be installed within this project will be indoor type. If not, please clarify the number of indoor respectively outdoor RMUs	Refer to Section 9.4.2.2
4	General: We understand that PVoC charges is under responsibility of KPLC. Please confirm	It shall be the responsibility of the contractor.
5	ITB 17.5: Please confirm how VAT on locally sourced materials and services will be handled	The bidder shall quote exworks (ExW) Incoterm, the applicable sales Tax (VAT) and then the total of the two i.e. ExW and VAT.

6	Section III, 2.4.2: Is it required that the two references above USD 16M are with ADMS systems of the same make as offered for this project?	The requirement calls for similar contracts to the proposed Plant and Installation Services. The similarity shall be based on the physical size, complexity, methods or other characteristics as described in Section VI, Employer's requirements.
7	Amendment No.1B to Part I, sec. III, para 2.7: In Vol. I, Sec. III - Evaluation and Qualification Criteria the KPLC requires bidder to provide the references for the General Experience within the last 4 years. Should this criterion be applicable to the major items of subcontractors/ manufacturers, i.e. ADMS?	The experience requirement is for the bidder in the role of a contractor, sub-contractor or management contractor.
8	Part I, sec. III, point 1.1.3: Does the Customer require the bidders to present their experience with ADMS solution supporting Smart Grid technology	This is recommended. The more the experience the better. However, the bid requires demonstration of effective capabilities of the proposed system.
9	Clarification 1 - No.230: Please could you also estimate the current Field Technicians / Crews required, growth per year and the future total number of Field Crews that needs to be supported?	The field teams / crews are 30, the supervisors are 6 and the managers are 5 as specified
10	ADMS: Please specify the key Reliability KPI's and if Operational Reporting is required? If Reliability KPI's are required, should the KPI's be in accordance to the IEEE 1366 Reliability KPI standards?	The KPI's shall be in accordance with the IEEE 1366 Reliability KPI standards as per the bid document section 1.3.1 page 9.
11	On schedule 1.1 – No. 23 & 24 – kindly confirm if a classic notebook means a laptop and tablet with rugged cover means an ipad? – Specifications were not there so was just confirming.	Kindly refer to appendix 15 of the bidding document page 305, Mobile Application Capabilities.
12	Schedule 4 - no.18 – kindly confirm if setting up a data room means to build a complete new structure? Or just adding furniture to the existing room that will be provided by KP?	The Data Engineering (D.E) room is where data engineering shall be carried out. The room shall be availed. The scope shall be only configuration of the DE workstations and their access to the development/data engineering servers. Furniture shall be provided.
13	Section III- evaluation and qualification criteria, Clause 1.1.3 proof of concept (PoC). The requirement that the PoC shall constitute at least 4 references outside the country of manufacturer in the past 5 years. We therefore propose that each company submits a minimum of one (1) successful reference outside the country of manufacture in the past 5 years – with full details of the requirements and achievements.	Two (2) references outside the country of manufacturer in the past 5 years shall be acceptable. The references shall constitute full details of the Client, the full details of the contact person, his/her day-time telephone number and the domain email of the contact person. The reference shall provide among other items/requirements specified in the bidding document; i) The details of the ADMS system including management systems, features, size and design standards

		ii) The details of the SCADA systems integrated in the project including, communications protocols, Names of suppliers of all major components.
14	Can you clarify how to complete the GTPs for Annexes F, G, H and I?	Refer to details in Clarification No. 1 Appendix II of 5th July 2017.
15	With regards to the OMS specification, we request you to clarify the integration requirement with regards to: • Common database with SCADA/DMS applications. • Common network model with SCADA / DMS applications • Redundancy/Disaster Recovery • Common graphical user interface (GUI) for OMS – SCADA – DMS • Training simulator for OMS	OMS is one of the three functions of ADMS; same as SCADA and DMS. The bidder is expected to offer a complete solution as per the bidding document.

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

Eng. MICHAEL ADHIAMBO
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