

KENYA ELECTRICITY GENERATING COMPANY PLC

**TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF SCADA WIDE AREA
NETWORK & BACK UP CONTROL CENTER HARDWARE FOR KENGEN HYDROELECTRIC
POWER PLANTS**

TENDER No. KGN-HYD-028-2022

RFx 5000009819

(Citizen Contractors)

13th June, 2022

CLARIFICATION 2

In accordance with the **Tender for Supply, Installation & Commissioning of SCADA Wide Area Network & Backup Control Centre Hardware for KenGen Hydroelectric Power Plants**, KenGen hereby issues **Clarification No. 2**.

No.	Tender Clause	Clarification sought	KenGen Response
1	TENDER DATA SHEET TDS 13.1 item 19. Copies of the latest comprehensive Audited financial statements for the last three years 2019,2020 & 2021 by a registered audit firm for the bidder and for each partner in a joint venture in case of joint venture	Since our Financial Year ends in April, could you kindly allow submission of audited financial statements for the years 2018,2019 & 2020?	as per tender requirements
2	SCHEDULE FOR RATES AND PRICES Ethernet radio, point to point, 450Mbps Aggregate capacity, High Performance 4.9-6 GHz antenna,48V DC supply, POE,3x1G SFP/RJ45,1G-SX SFP plus all accessories detailed in specifications	As part of the PtP Radio, you ask for few GE ports: "3x1G SFP/RJ45,1G-SX SFP" - Are these switch ports of an IDU for each Radio unit?	ODU ports, see procuring entity's requirements clause 3.4.3 See addendum 3 (Appendix I)

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3	SPECIAL CONDITIONS OF CONTRACT SCC12 Terms of Payment	Will there be an advance payment available to the successful bidder?	No, payment terms as per SCC12
4		Will there be an LC payment option available to the successful bidder?	No, payment terms as per SCC13
5	SCHEDULE FOR RATES AND PRICES	Most of the components are not readily available in Kenya, can we propose equipment's from abroad?	Contractor to import from abroad or obtain components locally at their own convenience. Procuring entity will not be involved in the importation process hence schedule 1 of rates and prices is not applicable
6		In the bid documents, under schedule No. 2, a "-" (a dash) is indicated and Unit is indicated as LOT. Shall we consider these as 1 lot or are these items out of the supply scope?	one lot, all items in the bill of quantities are in the scope of supply. Detailed scope of supply will be uploaded for clarity
7		Could we offer alternative products, such as routers and ethernet switches that are not specified as Cisco in the BOQ?	Equipment to meet specifications given in addendum 3 (Appendix I)
8		What are the specifications required for the items in schedule of rates and prices?	See addendum 3 (Appendix I)
9	Addendum No.2	As per the attached addendum No.2, kindly provide/upload the missing documents prior to the site visit starting on the 7th of June.	Uploaded on our website under Drawings
10		During site visit KenGen Team at site took our team ONLY through the telecoms bit, no SCADA visits was done	Tender covers telecom and networks used by SCADA see addendum 3 (Appendix I)
11	TENDER SCOPE OF SUPPLY	<ol style="list-style-type: none"> 1. As per tender the SCADA backup is at National control Centre. The Backup Control Centre application needs to be developed? Please provide SCADA communication protocols and plc system per plant. 2. Is the National Control Centre and the Backup Control Centre in the same location? Where are these centres? 3. Tender document calls for SCADA hardware and SCADA upgrade at Backup Control Centre. Is this still the case or has this already been acquired? 4. Who will supply the hardware connection and engineering for the interfacing between the plant SCADA's and the corporate network? 5. Which plants require analog phones and PTP radios? 6. Please provide current Perdue network of all plants and corporate? 	<p>The scope of this tender is to supply, install and commission the infrastructure (network, servers etc.) required by the SCADA system to operate and not the SCADA application itself.</p> <p>See addendum 3 and specification drawings for clarity on the scope of the project.</p>

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		<p>7. Who is the preferred internet/cloud service provider for Kengen?</p> <p>8. Is there an overlap between this Tender KGN-HYD-028-2022 and Tender KGN-IT-021-2022? During the Turkwel site visit, our engineers were NOT taken through the SCADA systems at site BUT only Telcoms scope.</p> <p>9. The scope of the tender is not clear if the bidder is required to replace all the corporate panels. Kindly clarify on the scope</p>	

ACKNOWLEDGEMENT OF CLARIFICATION No.2

We, the undersigned hereby certify that the clarification is an integral part of the document and the alterations set out in the clarification have been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date