



KENYA ELECTRICITY GENERATING COMPANY PLC

TENDER No. KGN-SONDU-09-2019

TENDER FOR SUPPLY AND COMMISSIONING OF BACK UP SYSTEM FOR SONDU-MIRIU POWER STATION DISTRIBUTED CONTROL SYSTEM

Date: 13th May, 2019

CLARIFICATION No. 1

In accordance with the “Tender for Supply and Commissioning of Back-up System for Sondu-Miriu Power Station Distributed Control System”, KenGen hereby issues **Clarification No. 1:**

No .	Question/additional information sought by tenderers.	KenGen’s response
1	<p>The backup to disk unit specified in the document is an enterprise San storage – the PS6100E. However we do have disk units that are specifically tailored as backup to disk units and thus have inbuilt functionalities that are beneficial to the backup data. Some of these benefits include:</p> <ul style="list-style-type: none"> a. Improved and faster backup speeds b. Deduplication and data compression facilities c. Verification of backup data at the end of the backup process d. Tight integration with the backup application softwares via use of plugins leading to a better management and operations of the entire backup solution <p>With the highlight of some of the benefits of a proper backup to disk appliance compared to just a SAN storage could we instead go ahead and quote for the enterprise backup to disk appliance?</p>	<p>The tender document anticipates a back-up system with storage solution being SAN storage of type PS6100E due to need for standardization as we have similar hardware in other sites and our systems admins have built expertise on this product. However the tender document also states that an equivalent product may also be proposed by an interested bidder. Thus an alternative storage solution is acceptable as long as it meets the Technical and functional requirements of the solution as detailed in the tender.</p>
2	<p>Licensing for the data backup and restore application</p> <p>There are two ways of licensing the application; application/agent based and capacity based</p> <ul style="list-style-type: none"> • The application based (traditional licensing model) requires purchase for the agents for the various applications and operating systems within your business e.g., SQL, oracle, MS exchange, 	<p>As detailed in the tender, the proposed back-up solution should be independent of the application that is source of data to be backed up. Thus the bidder should propose capacity based licensing.</p>

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	<p>MS SharePoint, Active directory, Windows, Linux etc.</p> <ul style="list-style-type: none"> The capacity based licensing unlocks all the agents for use, you are only limited on the amount of data to backup, called front end capacity. For instance a 2 TB front end capacity based licensing allows you to backup 2 TB of data from exchange, SQL, oracle, active directory etc. <p>Based on the above information, should we quote for capacity based or applications/agents based? If agents based licensing, which applications and operating systems should be licensed?</p>	
3	How Much data (In terms of TBs) are you looking to protect?	Back up application license should be as per storage capacity required for the external storage unit as specified in the tender
4	The Price schedule attached in the tender document has two rack cabinets. Kindly confirm to us if they should be two separate rack cabinets or one that will accommodate both the NAS and server.	There will be ONE rack cabinet to accommodate both the server and storage
5	Refer to page 2 of the RFP document, Checklist of documents table, item no. 9. – Confirmation of a bid submission Online Are we also supposed to submit the bid online on top of the hard copies?	Submission is offline as per the Appendix to Instructions to tenderers and the Invitation Letter.

ACKNOWLEDGEMENT OF CLARIFICATION No.1

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.....