KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000011654

KGN-GDD-03-2023

TENDER FOR SUPPLY OF MECHANICAL SEALS FOR HOTWELL PUMPS (CAN PUMPS) FOR WELLHEAD POWER PLANTS.

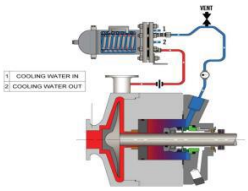
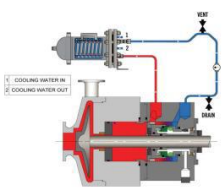
(*Citizen Contractors*)

Dated: 27th January, 2023

Clarification No.3.

In accordance with the **Tender for Supply of Mechanical Seals for Hotwell Pumps (Can Pumps) for Wellhead Power Plants**, KenGen issues a **Clarification No.3** as follows:

No.	BIDDERS CLARIFICATION	KenGen's RESPONSE
1	According to the instructions to tenderer, the closing date for this tender is 31st January 2023 at 2:00 PM, however, we would like to request for a one-week extension to enable the suppliers to provide the required documentation and ample time to review clarification 2 and give a compliant bid – noting your recommendations. Kindly advise.	Due to the urgency of this procurement, the extension request has been declined and bidders are advised to submit their bids within the stipulated time.
2	According to Clarification 2, the tenderer has the option of choosing: The Rotary ring material can be of Silicon Carbide or Tungsten Carbide faces for maximum wear resistance. The Stationary Seals can be made of Silicon Carbide or Tungsten Carbide faces for maximum wear resistance. Secondary Seals the choice of VITON or Feb VITON would be perfect for acid resistance at higher tempt. Range. These options have a price effect on the overall sum of the tender, due to the varying MOC, how will that be countered by the evaluation committee when it comes to picking the lowest evaluated tender.	i. The technical evaluation of the tender will be based on three approaches. a. Preliminary evaluation b. Technical evaluation c. Financial evaluation. ii. So, when putting forward your bid ensure that it will meet all the three evaluation criteria in that order. iii. The technical evaluation committee is quite professional, and they will be able to come up with the technically compliant bid as opposed to the lowest evaluated bid. iv. The seal material choice/consideration cuts across all the bidders so it's a common parameter to all.
3	According to the technical specification: 1) Point no 6 (maximum shaft speed) mention 18 m/sec which we calculate in	i. The delivery of the small pump is 720 M^3/Hr and Pump/***shaft speed is 980 RPM.***

	RPM it's coming approx. speed 6000 rpm. So, it is very high speed which we have to follow the API plan for mechanical seal life. 2) The mechanical seal design given in your technical specification is for normal speed. Therefore, we request you to confirm the actual speed in rpm. 3) If the rpm is 6000 then you to take provision of API plan 21 or 23 for cooling of single mechanical seals. The below picture is API plan 21 or 23 as shown for your reference. If already, have this provision then please confirm so accordingly we will design the mechanical seal.	ii. The delivery of the small pump is 1260 M^3/Hr. and ***Pump/shaft speed is 980 RPM*** iii. Please use the above information together with the useful information provided in the technical specifications & drawing (Maximum Sealing pressures).
3	API PLAN 21  API PLAN 23  In the mechanical seal drawing the stuffing box ID is not provided. Have to confirm the ID after receiving the order to our organisation for manufacturing. Kindly advise.	i. Please use the technical specifications and technical drawing provided which is very useful information to provide a comprehensive bid. ii. Mechanical Seals come in the various forms and shapes for different application. iii. Our mechanical seals do not have an auxiliary line tapping for water cooling as depicted in this drawing. iv. The seals are as highlighted in the technical specification. Please be guided by our technical specifications.

SUPPLIER ACKNOWLEDGEMENT OF CLARIFICATION NO.3

We, the undersigned hereby certify that the Clarification No.3 is an integral part of the document and the alterations set out in Clarification has been incorporated in the Tender Proposal.

Signed……

Tenderer……

Date…….....