



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: 23rd January, 2023

Clarification No.2.

In accordance with the **Tender for Supply of Mechanical Seals for Hotwell Pumps (Can Pumps) for Wellhead Power Plants**, KenGen issues a **Clarification No.2** as follows:

No.	BIDDERS CLARIFICATION	KenGen's RESPONSE
1	✓ According to the technical specifications, this tender requires the MOC of rotary ring and stationary rings to be: Carbon resin/SIC Tungsten carbide, does it mean we are free to pick one of the three materials listed to be the MOC of the seals?	<ul style="list-style-type: none">• Please find the Mechanical seal technical specifications for use in the tender.• Both the Rotary ring and the Stationary Seals may be manufactured from <i>Silicon Carbide</i> (SIC) or <i>Tungsten Carbide</i> materials which are compounds of Carbon.• The sealing materials choice as in the technical specs is key to the seals application to the pump usage.
2	✓ Also, please confirm the media (application) used in pump like, water, oil, wastewater, edible oil, hot water, steam etc. If you confirm this, then we can be able to choose which MOC we can able to provide based on the Media (application).	<ul style="list-style-type: none">• The application (media) being used in the tender is Geothermal Condensate water of a PH of between 1 and 6(Acidic & salty condensate water with PH less than 7)• The materials selection as in the tender is of the right design for seals longevity while in application.
3	✓ IE what seal face combination: Option 1: Carbon versus Silicon Carbide Option 2: Silicon Carbide versus Silicon Carbide.	<ul style="list-style-type: none">• 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.

SUPPLIER ACKNOWLEDGEMENT OF CLARIFICATION NO.2

We, the undersigned hereby certify that the Clarification No.2 is an integral part of the document and the alterations set out in Clarification has been incorporated in the Tender Proposal.

Signed.....

Tenderer.....

Date.....