



KENYA ELECTRICITY GENERATING COMPANY PLC

TENDER No. KGN-HYD-16-2024

RFx: 5000014962

**TENDER FOR REDESIGN, MANUFACTURE, INSTALLATION & COMMISSIONING OF TURBINE SHAFT SEAL FOR KIAMBERE POWER STATION
OPEN INTERNATIONAL TENDER**

CLARIFICATION NO. 3

Date: 23th May, 2024

In accordance with the “Tender for Redesign, Manufacture, Installation & Commissioning of Turbine Shaft Seal for Kiambere Power Station”, KenGen hereby issues Clarification No 3.

Item	Clarification Sought	KenGen Response
1.	As per 5.1.1 Supplier need to clearly understand, Water Pressure being sealed (Water Pressure inside Turbine), but this pressure value is not clearly mentioned any were in the tender document. We find information about head 143 Mtrs.(14.3 Kg/Cm2), it is given under 2.4.2, but pressure to be sealed will not be the same as head, it is expected to be less that total head (i.e.143Mtrs. or 14.3 Kg/Cm2)	Bidder to pre-determine the pressure against the plant parameters provided.
2.	As per 4.1.1.10 – Supplier need to establish testing procedures for existing shaft seal system to only know leakage level values and define sealing forces required and any other data required for redesign of new seal. Please give us current data available with KenGen regarding seal leakage. Please clarify in case required supplier can use existing leakage measurement system to find seal leakage data for existing seal system.	Head water details already provided. Existing seal system design also provided. Bidder’s technical team to evaluate the rest from provided information.
3.	<p>Please clarify on our request regarding shaft dimension:</p> <p>We find two drawings as per information provided by KenGen for Tendar No. KGN-HYD-016-2024</p> <ol style="list-style-type: none"> 1. Desired New Shaft Seal Arrangement, that shows shaft outer Diameter under seal as 710 mm, 2. . Kiambere Shaft Seal Arrangement, that shows shaft outer Diameter under seal as 1015 mm <p>Please confirm which one is the correct shaft outer diameter dimension, and which one is correct drawing to be considered for redesigning of new seal...?</p>	Refer to provided drawings.

ACKNOWLEDGEMENT OF CLARIFICATION No. 3

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

Signed.....

Tenderer.....

Date.....