



KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000015634

KGN-GDD-074-2024

TENDER FOR SUPPLY, INSTALLATION AND COMMISSIONING OF NEW 2000 HP VFD ELECTRIC WALKING LAND DRILLING RIG WITH TOP DRIVE AND ASSOCIATED EQUIPMENT.

(Open International)

Dated: 16th July, 2024

Clarification No.3

In accordance with the **Tender for Supply, Installation and Commissioning of New 2000 HP VFD Electric Walking Land Drilling Rig with Top Drive and Associated Equipment**, KenGen issues **Clarification No.3** as follows:

Bidder's Question	KenGen's Response
As per our knowledge API-8A is succeeded by API-8C, hence 8A is not applicable. Please confirm.	Bidders shall be required to provide the following Valid and current API certificates: 4F, 5DP, 6A, 6D, 7K, 7-1, 8C, Q1, QR, 16A, 16C, 16D, API Spec Q1 9th edition.
We have supplied over 90 nos. On-shore land rigs over the past 45 years. Request that IADC reference letter requirement may please be waived off.	Provide as requested in MR 5 of the Tender Document.
Request to please accept execution of six (06) similar rigs in the last 10 years i.e. since 2014.	Provide as per MR 20 of the Tender Document
Temperature ranges mentioned in various equipment specifications are different. We recommend uniform temperature range of 4°C +50°C for all equipment. Please confirm.	Temperature range of 4°C to +50°C is acceptable.
Request to clarify that documentary proof means earlier supply references.	Documentary proof refers to supply references, brochures and data sheets
BHEL manufacturers equivalent motors and we would offer BHEL make motors. Request to please confirm acceptance.	High-quality heavy-duty splash-proof fully guarded AC induction motors. Bidders shall specify make and model.
We understand the requirement is for Gear driven AC-VFD Drawworks in which there is no requirement of chain transmission. Request to clarify.	Suitable and of latest design AC variable frequency drive (VFD) gear driven draw-works is acceptable. Bidders shall provide technical specifications and drawings of the draw-works offered.
As the drilling motors are Forced Air cooled, IP 65 rating may not applicable. Request to please confirm.	Minimum requirement IP-56 required.
Not applicable as there is no API-7K applicable components in AC-VFD Gear driven Drawworks. Request to please confirm	API-7K will not be considered for draw-works.
Make of the Top drive system shall be of Tesco/Canrig, NOV, Bentec, Schlumberger or Mhwirth Request to confirm acceptance.	Provide as specified in the Tender document.

Whether 500 Ton travelling block is acceptable instead of 550 Ton. Request to please confirm.	Provide as per specified in the Tender document.
Typically, 800HP Top drive system shall meet drilling requirement of 2000HP Rig. 1150HP Top drive systems are for 3000HP capacity Rig. We recommend 800HP Top drive system. Kindly review and confirm	Provide as specified in the Tender document technical specifications.
Usually in a VFD Rig, the TDS controls are integrated to Drilling control system ie., Driller chair &/ Touch screens at Driller.	Bidders shall provide the most suitable and appropriate integrated multiple operator top drive control system that maximizes operational efficiencies. The control system shall be of latest design, advanced with touch screen and other controls.
These two clauses are contradictory. We understand the requirement is 35Mpa (5000Psi). Request to Confirm please.	The mud pumps shall have minimum discharge pressure of 35MPa (5000Psi).
Request to accept OTECO or American Block or Equivalent makes for Relief valve.	Provide as specified in the Tender document
Request to accept OTECO or American Block or Equivalent make for Pressure gauge & Flex seal valve for isolation.	Provide as specified in the Tender document.
Request to accept Oteco or Demco or Wom or equivalent make for Mud gate valves.	Provide as specified in the Tender document.
We understand, either MI Swaco, NOV (Brandt) or Derrick make is only acceptable for Shakers, Desander, Desilter, Centrifuge and degasser. Request to please confirm. Further, BHEL make Vacuum degasser is compact and field proven, Request to consider BHEL make Vacuum degasser also.	Provide as specified in the Tender document.
Request to accept Flyght or equivalent make Submersible pumps.	Provide as specified in the Tender document.
Three (3) high-pressure GRACO 206515 wash-gun for use in mud pit area or on rig floor.	Provide as specified in the Tender document.
Request to accept WOM (World Oilfield Machinery) make as well for BOP's	The BOP shall as be as specified in the Tender document.
Usually Rigs are located remotely and have their own generation, and due to Grid disturbances, use of grid power is not recommended. Hence, we understand this clause requirement may not be mandatory. Request to please review and confirm.	Provide as specified in the Tender document.
CAT 3512B Engine max power is limited to 1650HP / 1231Kw. Request to review and confirm.	CAT 1352C is acceptable.
BHEL is a reputed manufacturer of electrical equipment including generators. Request to accept BHEL make Generators. Also, we do recommend 1000 RPM machine as this design is proven for its ruggedness and less shutdown. Request to please confirm acceptance.	Provide as specified in the Tender document.
The cable trays shall be elevated to a reasonable height to allow movement beneath. The cable management system should allow all cables to be mobilized with the cable management system as one package after commissioning the rig. Removal and separation of cable should only be necessary in the case of maintenance or repair of the cables. Request to please provide further details and supply sources of this system.	This refers to the layout and distribution of power and control cables from the generator and power control room to the point of use. The cables shall be contained in cable trays suitable for raising together with mast and rig floor and capable of extension for cluster wells without moving the power system.

<p>•Please inform if bidders who've downloaded the tender documents from the KENGEN website also need to pay a non-refundable tender fee of KShs.1,000.</p> <p>•If yes, can bidder pay this tender fee in US Dollars. Please also provide account no. and SWIFT details along with correspondent bank details for USD payment.</p>	<p>The Tender documents downloaded from the KenGen website are free of charge.</p>
<p>As per CI 26.2, Delivery period mentioned is 8 months & as per CI 16.1, Contract Duration is 12 Months.</p> <p>We understand that drilling rigs are to be delivered on DAP Olkaria Basis in 8 months & Project is to be completed in 12 months.</p> <p>Please confirm our understanding is correct.</p>	<p>Refer to Addendum No.2 indicating the Contract period shall be 30 Months from contract signature.</p>
<p>We request that all payments, except Advance, may please be made through a confirmed irrevocable Letter of Credit payable at sight issued by first class bank.</p> <p>Please confirm acceptance.</p>	<p>Refer to Addendum No.2 uploaded on our website.</p>

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.....