



KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000016003

KGN-OLK-040-2024

TENDER FOR SUPPLY OF COOLING TOWER FAN BLADES FOR OLKARIA II POWER STATION.

(Citizen Contractors)

Dated: 28th November, 2024

Clarification No.1.

In accordance with the Tender for Supply of Cooling Tower Fan Blades for Olkaria II Power Station, KenGen issues Clarification No.1 as follows:

BIDDERS CLARIFICATION		KenGen's RESPONSE																												
1.	<p>a) Could you please confirm if its the hub diameter or Fan diameter?</p> <table border="1"> <tr><td>Quantity</td><td>5 fan blades</td></tr> <tr><td>Model</td><td>336HP7-9</td></tr> <tr><td>Fan Speed (rpm)</td><td>136</td></tr> <tr><td>Hub Diameter</td><td>9144mm</td></tr> <tr><td>Tip Speed (m/s)</td><td>60.77</td></tr> <tr><td>Number of Blades/Hub</td><td>5</td></tr> <tr><td>Blade Size</td><td>40</td></tr> <tr><td>Blade Material</td><td>FRP</td></tr> <tr><td>Hub Series</td><td>G</td></tr> <tr><td>Power per fan (Driver output) (kW)</td><td>144.8</td></tr> <tr><td>Blade Material</td><td>Fibreglass Reinforced Epoxy Laminate</td></tr> <tr><td>Hub Material</td><td>HDG plates with epoxy-coated cast iron blade</td></tr> <tr><td>Air Delivery per fan (m³/s)</td><td>630.3</td></tr> <tr><td colspan="2">COFIMCO RE-ORDER DETAILS</td></tr> </table> <p>b) If its hub diameter, kindly provide the fan diameter.</p> <p>c) may I know the quantity is 1 set (5 blades +1 hub)?</p>	Quantity	5 fan blades	Model	336HP7-9	Fan Speed (rpm)	136	Hub Diameter	9144mm	Tip Speed (m/s)	60.77	Number of Blades/Hub	5	Blade Size	40	Blade Material	FRP	Hub Series	G	Power per fan (Driver output) (kW)	144.8	Blade Material	Fibreglass Reinforced Epoxy Laminate	Hub Material	HDG plates with epoxy-coated cast iron blade	Air Delivery per fan (m ³ /s)	630.3	COFIMCO RE-ORDER DETAILS		<p>a) The dimension given (9144mm) is the hub diameter and is provided for the purpose of selecting the appropriate blade dimensions.</p> <p>b) The fan diameter is 112mm</p> <p>c) 5 blades without the hub.</p>
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SUPPLIER ACKNOWLEDGEMENT OF CLARIFICATION NO.1

We, the undersigned hereby certify that the Clarification No.1 is an integral part of the document and the alterations set out in Clarification has been incorporated in the Tender Proposal.

Signed.....

Tenderer.....

Date.....