



KENYA ELECTRICITY GENERATING COMPANY PLC

RFx: 5000016005

KGN-OLK-041~2024

**TENDER FOR ONSITE DYNAMIC BALANCING AND VIBRATION ANALYSIS OF ROTATING EQUIPMENT FOR KENGEN POWER PLANTS.
(Framework Contract for Three (3) Years)**

(Citizen Contractors)

Dated: 13th December, 2024

Clarification No.2.

In accordance with the **Tender for Onsite Dynamic Balancing and Vibration Analysis of Rotating Equipment for KenGen Power Plants**, KenGen issues **Clarification No.2** as follows:

	BIDDERS CLARIFICATION	KenGen's RESPONSE
1.	Kindly clarify; Confirm with the client the dynamic balancing requested is for insitu balancing or workshop balancing as the tender request us to provide separate pricing for each equipment in a machine train, i.e. separate pricing for turbine and separate pricing for generator. Same is the case for pumps and cooling towers	The balancing required is insitu as stated in the tender document. Each element may be balanced separately or as coupled depending on the source/ cause of vibrations.
2.	The pricing requested is lumpsum per machine which is practically impossible to provide for dynamic insitu balancing as the site conditions are unknown and not in our control: The site conditions are a * For vibration analysis of the heavy equipment and turbines, please advise if they have online protection racks with buffered outputs for our analyst to tap and record the readings:	These conditions are known considering the bidders participation in the site visits. Main plant equipment have vibration monitoring systems whereas others will require portable measurement
3.	The customer prefers only a vibration analyst with instrument and the customer will provide all assistance such as balancing weights, manpower to attach the weights etc. Please confirm	Refer to section IV of tender document
4.	* Site Access: * Will site access be available outside regular working hours if needed? * Are there any specific safety or security protocols that must be	Yes. All sites will be accessible depending on the nature of job. KenGen adopts an ISO Integrated Management System in its commitment to the delivery of Quality and Sustainable services in a Safe work environment. ISO standards 45001, 9001 and 14001 , will apply.
5.	* Technical Specifications:	Applicable guidelines from various Original Equipment Manufacturers (OEMs) will apply.

	<p>* Are there detailed specifications or guidelines for the balancing and vibration analysis?</p> <p>* Are there existing baselines or historical data for the equipment?</p>	Major equipment data is available on the historian.
6.	<p>* Equipment and Tools:</p> <p>* Will KenGen provide any tools, resources, or equipment, or must everything be contractor-supplied?</p> <p>* Are there restrictions on the types or brands of equipment used for the analysis?</p>	<p>The quote should be complete to cover applicable scope for in situ balancing and vibration analysis. The supplier must be equipped to conduct the relevant task. KenGen will work closely with contractor and will grant use of available equipment and special tools, where applicable, i.e. lifting, disassembly, assembly and during practical training sessions.</p> <p>There are no restrictions on the types or brands of equipment as long as they meet the stipulated international standards or equivalent.</p>
7.	<p>* Onsite Support:</p> <p>* Will KenGen provide any technical personnel for coordination during onsite work?</p> <p>* Is there a designated contact person at each site for issue escalation?</p> <p>* Timeline and Scheduling:</p> <p>* Are there flexibility options for scheduling work at sites with concurrent activities?</p> <p>* What is the anticipated downtime for equipment during balancing and analysis?</p>	<p>Yes.</p> <p>Yes.</p> <p>Yes.</p> <p>It depends on nature of equipment and the number of activities being resolved.</p>
8.	<p>* Reporting Requirements:</p> <p>* Are there predefined formats or content requirements for reports?</p> <p>* What is the expected turnaround time for submitting reports post-analysis?</p>	<p>As per applicable ISO standards.</p> <p>Within a week after concluding the activity at hand.</p>
9.	<p>* Compliance and Standards:</p> <p>* Are there specific compliance requirements or international standards applicable to the analysis?</p> <p>* Will any external audits or inspections be conducted during the project?</p> <p>* Warranty or Performance Guarantees:</p> <p>* Are there performance warranties required for the work done?</p> <p>* What happens if the equipment requires rebalancing or further analysis?</p>	<p>Refer to the provider certification requirements given in the tender document.</p> <p>This will be performed where necessary.</p> <p>As per applicable ISO standards.</p> <p>As per applicable ISO standards.</p>
10.	<p>Logistical Questions:</p> <p><i>* Site Conditions:</i></p> <p>* Are there any known environmental or logistical challenges at the sites?</p>	Contractor's scope based on site visit observations.

	* What are the provisions for accommodation and transportation for personnel?	
11.	<p>* Health and Safety:</p> <p>* Are there specific health and safety standards or trainings required for access to the sites?</p> <p>* Are personal protective equipment (PPE) requirements explicitly defined?</p>	KenGen adopts an ISO Integrated Management System in its commitment to the delivery of Quality and Sustainable services in a Safe work environment. ISO standards 45001, 9001 and 14001, will apply.
12.	<p>* Communication and Coordination:</p> <p>* What is the communication protocol for updates or unexpected issues during the work?</p>	As per applicable ISO standards.
13.	<p><i>Commercial Questions:</i></p> <p>*Payment Terms and Schedules:</p> <p>*Are there specific milestones tied to payments?</p> <p>*What is the timeframe for processing payments after invoicing?</p>	Refer to the Special Conditions of Contract (SCC)
14.	<p>* Contractual Obligations:</p> <p>* Are there provisions for renegotiation if unforeseen challenges arise?</p>	Refer to the Special Conditions of Contract (SCC)
15.	<p>* Scope and Pricing Adjustments:</p> <p>* How will additional scope or change requests be managed?</p>	The contract will remain unchanged. Any scope changes will require a new procurement process.
16.	* Are price escalation clauses permitted for the three-year framework agreement?	Refer to the Special Conditions of Contract (SCC)
17.	<p>* Insurance and Liabilities:</p> <p>* What insurance cover is required for contractors and subcontractors?</p> <p>* Are there specific liability limits outlined in the contract?</p>	Refer to the Special Conditions of Contract (SCC)

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.....