



# KenGen

KENYA ELECTRICITY GENERATING COMPANY PLC

Rfx: 5000010497

KGN-SID-02-2022

## REQUEST FOR PROPOSALS (RFP) FOR CONSULTANCY SERVICES TO UNDERTAKE A FEASIBILITY STUDY FOR GREEN HYDROGEN, AMMONIA & FERTILIZER PRODUCTION AND ITS' PILOT PLANT AT OLKARIA, NAIVASHA – KENYA.

### CLARIFICATION No. 3

23<sup>rd</sup> September, 2022

In Accordance with the “Tender for Consultancy Services to Undertake A Feasibility Study for Green Hydrogen, Ammonia & Fertilizer Production and Its' Pilot Plant at Olkaria, Naivasha – Kenya.” KenGen hereby issues Clarification No 3.

No	Tender ref.	Bidder's Questions	KenGen Response
1	Section 5: TOR	KenGen is yet to commit in writing that the water for the pilot will be available at site where the plant will be installed.	KenGen has 5 reservoir tanks covering the Olkaria region. Each tank has a capacity of 4.2 Million Litres when full. They are distributed as follows; -2 reservoir tanks at the 700series area, 2 tanks at the 900series area and one at the 300series area. The high lift Pump(s) have an average Pump flow rate of 320 m <sup>3</sup> /hr. The outlet flow rate is not fixed but depends with elevation and pipe length to the point of consumption. The outlet pipe diameter is 8”.
2	Section 5: TOR	Coordinates of the proposed location for the pilot project	Northings: 9900010.083  Eastings: 204327.366  Elevation 1980.541

			The proposed sites falls in the 900 series (OW-915) area on the mapping of the Olkaria area.
3	ITC Clause 22.2	With regard to relevant firm experience: Will it be allowed to attach reference letters to the bid, on the client's letterhead, without addressing the General Manager, Supply chain of KenGen? While every effort will be made to obtain reference letters that address KenGen, clients are sometimes reluctant to provide them since they already have provided reference letters.	The bidder shall be allowed to submit reference letters that shall have the client's letterhead. It is recommended to have the letters addressed to the General Manager of Supply chain in KenGen where possible.
4	Section 5: TOR	Has any studies/surveys been conducted on the proposed sites in Olkaria for the production plant? How many areas would be assessed during phase 1 of the project	<p>The bidders can refer to the following link that has information on a baseline study conducted by the ministry of energy of Kenya and the German Corporation:</p> <p><a href="https://energy.go.ke/wp-content/uploads/2022/04/Baseline-Study-on-the-Potential-for-Power-to-X-Green-Hydrogen-in-Kenya-Final-Report.pdf">https://energy.go.ke/wp-content/uploads/2022/04/Baseline-Study-on-the-Potential-for-Power-to-X-Green-Hydrogen-in-Kenya-Final-Report.pdf</a></p> <p>KenGen takes <b>no responsibility</b> on the decisions the bidder makes influenced by the baseline study.</p>
5	Section 5: TOR	What is the estimated timeline for approvals and acceptance of phase 1, before phase 2 commences? Granted that KenGen decided to proceed with phase 2, based on outcomes of phase 1.	12 weeks
6	Section 5: TOR	<p>The manufacturers are not committing to guarantee delivery of the pilot plant within a period of 1 year at fixed cost. This is making it difficult to cost for phase two.</p> <p>The design aspect of the electrolyser is heavily tied to the studies. It's becoming difficult to have design guaranteed upfront. In order to ensure a proper response, we request for a split of the 2 phases and a 2 weeks extension to re-organize the new submission</p>	The pilot plant (phase 2) is an integral part of the documentary feasibility (phase 1) to verify on a smaller scale the recommendations of commercial scale up. The information necessary to deliver this 5MW pilot plant such as site location, power and water supply have been availed. Bid proposals submitted should include both phases as indicated in the RFP.

**ACKNOWLEDGEMENT OF CLARIFICATION NO 3.**

We, the undersigned hereby certify that Clarification is an integral part of the document and has been incorporated in the RFP Proposal.

Signed.....

Tenderer.....

Date.....