



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.

(Open International)

ADDENDUM No. 1

Date: 24th August, 2022

In accordance with the “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.” KenGen issues addendum No.1 as follows:

REVISED CLAUSES-SECTION 2 (B). DATA SHEET

Reference to ITC Clause	PARTICULARS OF APPENDIX TO INSTRUCTIONS TO CONSULTANTS
A. General Provisions	
6.2	Maximum number of members/firms in the Joint Venture (JV) shall be: <i>[5]</i> . <i>No firm can participate in more than one JV</i>
12.1	The proposal Validity is revised from 126 days to 196 Days after the proposal submission deadline The Validity is revised to read; Proposals must remain valid for 196 days after the proposal submission deadline.

REVISED PRELIMINARY/MANDATORY EVALUATION CRITERIA

REVISED MANDATORY REQUIREMENTS

Bidders will be evaluated on the following mandatory requirements and those who fail to submit any of the documents below will not be considered for evaluation in the subsequent steps.

1. Certificate of registration or incorporation from country of jurisdiction. In cases of Joint Ventures, Certificates shall be required for each of the Joint Venture Partners.

2. Tax compliance (Applicable for Local Consultant(s)).
3. Copy of a valid business permit from country of jurisdiction (Applicable for Local Consultant(s)).
4. In cases of Joint Ventures, a Joint Venture Agreement Must be submitted to govern the partnership for the whole engagement period.
5. In cases of Joint Ventures, a duly registered Power of Attorney between the Joint Venture Partners.
6. Duly filled, signed and stamped Addendum(s) **and** Clarification(s) issued must be attached (Where Applicable)
7. Confidential Business Questionnaire duly filled, signed and stamped.
8. Proof of attendance of the **mandatory site visit**. (Attach copy of Site Visit certificate issued).
9. Show proof of engagement of local Consultants/supplies/professional content from citizen contractors either through consortium or joint ventures.
10. Duly filled, signed and stamped **Technical Proposal Form**.
11. Duly filled, signed and stamped **Financial Proposal Form**.
12. Submission of the **Technical Proposal** duly filled, signed, stamped and uploaded to the *c-folder* of the SRM System through the link '*Technical Rfx response*'.
13. Submission of the **financial proposal** duly filled, signed, stamped and uploaded to the '*notes and attachments*' tab
14. Submission of **Original Tender Security of KES 700,000.00** valid for 30 days beyond the tender validity period from any reputable banks registered by the Central Bank of Kenya. **International bidders**, should have tender security through local corresponding banks registered by the Central Bank of Kenya **clearly labeled with tender reference and tender description should be dropped at the tender box located on Ground Floor at KenGen, KenGen, RBS building on or before tender closing date**.
15. The Tender **MUST** be submitted in the required format and serialized on each page of the bid submitted.
16. The tender has been duly signed by the person lawfully authorized to do so through a Notarized power of Attorney.
17. Duly filled signed and stamped Self Declaration form that the tenderer is not debarred in the matter of PPADA 2015.
18. Duly filled signed and stamped Self Declaration form that the tenderer will not engage in any corrupt or Fraudulent Practice.
19. Duly filled signed and stamped Declaration and Commitment to the Code of Ethics.
20. Provide proof of Authorization from manufacturer by providing a Manufacturer's Authorization Letter (if the Consultant is not the manufacturer)
21. Bidders must provide brochures/product catalogue and Data Sheet describing products they are bidding for.

REVISED TECHNICAL CAPACITY EVALUATION

Consultants will be evaluated and scored based on the strengths of their experience and technical capacity to carry out the consultancy services. The maximum score for each technical evaluation criteria is as indicated below. Pass mark shall be for those who achieve a minimum aggregate score of 75%. Only those who achieve the pass mark of 75% will qualify for Financial Evaluation.

No.	CRITERIA	Score Matrix	Scores
A.	Relevant firm Experience for the Assignment		
	Specific experience of the Firm and profile of the firm relevant to the assignment. Evidence of the experience is required in form of a reference letter from Clients where these assignments were undertaken. The reference letters shall be in the letter heads of the Client and shall also state the contact information that may be used for a site visit of the project. The letters should be addressed to the General Manager, Supply Chain, KenGen. (51Marks)		
i.	Experience in conducting at least two feasibility studies in green hydrogen (electrolysis process) studies, ammonia and fertilizer production in the last 10 years, indicating specific roles, value of project (in USD) and scope covered.	Provision of two or more feasibility studies -11 marks	
		Provision of one study- 5 marks	
ii.	Experience in designing and installation of a green hydrogen plant through electrolysis, ammonia and fertilizer production plant. Provide at least two evidences of design and installation works undertaken in the last ten years.	Provision of two or more designs and installation works -10 marks	
		Provision of one design - 5 marks	
iii.	Experience in market demand analysis for green hydrogen or any other relevant market study related in complexities and magnitude. At least two reference letters with the client's letterhead, stamped and signed, shall be provided as evidence of undertaking such works successfully within the last ten years in both developing and developed countries. A profile of the projects Indicating i.e. Location, Value in (USD), specific role of firm and contact information shall be clearly mentioned.	Two reference letters – 3 marks	
		One reference letter – 1 marks	
iv.	Experience in Environmental and Social Impact assessment (ESIA) and implementation of Environment and Social Management Programmes (ESMP) in the last 10 years. At least two reference letters with the client's letterhead, stamped and signed, shall be provided as evidence of undertaking such works successfully within the last ten years	Two reference letters – 3 marks	
		One reference letter – 1 marks	
v.	Experience in in developing business case (financial models, economic and sensitivity analysis) in the last 10 years. At least two reference letters with the client's letterhead, stamped and signed shall be provided as evidence of undertaking such works successfully within the last ten years. Contact information that may be used to reach the client shall also be provided.	One reference letters – 4 marks	
		One reference letter – 2 marks	
vi.	Demonstrable evidence of factory capabilities of manufacturing and/or supplying electrolyzers and associated components for green hydrogen, ammonia and fertilizer production. A manufacturer's	Full evidence- 20 marks	

	<p>Authorisation form shall be attached for non-manufacturers. The evidence shall include the following:</p> <ul style="list-style-type: none"> • Clear photos of similar equipment manufactured by the bidder. • Manufacturer's authorisation for non-manufactures. For manufactures, an introduction letter indicating their capability to supply. • Brochures and datasheet. 	No evidence – 0 marks	
B.	Technical Adequacy, Technical Approach, Methodology and Work Plan (7marks)		
i.	Provide an elaborate workplan to achieve the Terms of Reference. Work plan from inception to implementation	5 marks	
ii.	Organizational Structure, roles and interrelationship of Key experts	2 marks	
C.	Team Competence, Relevant Experience and Qualifications (42 marks)		
	The curriculum vitae (CV) provided in this section should reflect the following. The CVs should only reflect relevant experience to the project with two professional references		
	Team Leader: The leader must demonstrate experience, skills, and expertise in leading green hydrogen/ ammonia production studies for at least 7years.		
i.	The Team Leader must have a relevant Engineering degree as a minimum and valid membership of a Professional body	1 mark	
ii.	At least 7 years' experience in conducting and implementing green hydrogen/ ammonia/fertilizer production feasibility studies.	4 marks	
iii.	Relevant team leadership experience in the development study of green hydrogen/ammonia/fertilizer minimum of 1 feasibility study in the last 7 years	3 marks	
iv.	A minimum of 15 years' experience in undertaking a project of similar magnitude (not necessarily hydrogen/ammonia/fertilizer) on a lead role.	2 marks	
	Other Key Personnel/experts as per the organization staffing in the methodology. e.g Chemical Engineer, economic, civil engineering, Environment, Engineers, Financial analysis/ modelling, Marketing, Commercial and Legal		
	Lead Environmental Scientist <ul style="list-style-type: none"> • Relevant degree in environmental and social studies. At least 10 years' experience in conducting and implementing ESIA/SEIA studies for infrastructure projects. (1 mark) • Must have conducted at least three strategic, environmental and social impact assessment and strategic management plan for a project of similar magnitude. (2 marks) • Must be registered with National Environmental Management Authority (NEMA) to conduct such studies in Kenya as a lead expert. (1 mark) 	4 marks	
	Lead Market Analyst <ul style="list-style-type: none"> • Relevant degree in marketing, business management, Economics or related studies. At least 	4 marks	

	<p>10 years' experience in conducting market research and analysis. (1 mark)</p> <ul style="list-style-type: none"> • Must have conducted at least three market research and analysis for projects of similar magnitude. Preference shall be given to professionals who have done market analysis on green hydrogen, ammonia and fertilizer production. (2 marks) • Must be registered with the relevant professional bodies (1 mark) 		
	<p>Lead Financial Analyst</p> <ul style="list-style-type: none"> • Relevant degree in economics/finance. At least 15 years' experience in conducting economic and financial analysis. Preference shall be given to professionals who have done financial and economic analysis for green hydrogen, ammonia and fertilizer production. (2 marks) • Must have conducted at least three financial and economic modelling studies for projects of similar magnitude including creating bankable business investment schemes for the same. (2 marks) • Must be registered with the relevant professional body. (1 marks) 	5 marks	
	<p>Lead Legal Expert</p> <ul style="list-style-type: none"> • Relevant degree in law with specialization in industrial/commercial law. At least 10 years' experience in conducting research on legal requirements for similar projects in a developing country. (1 mark) • Must have experience in carrying out the legal requirements of production plant facilities and public private partnership structuring. (1 mark) • Must be registered with the relevant professional body. (1 mark) 	3 marks	
	<p>Civil Engineer</p> <ul style="list-style-type: none"> • Relevant degree in civil engineering. At least 15 years' experience in carrying out civil works. (2 marks) • Must have in-depth experience and exposure in carrying out geo-technical studies. Evidence of such works should be listed in the CV. Co-option or provision of CV for a personnel who will work with the civil engineer to satisfy this condition is allowed. (2 marks) • Must be registered with the relevant professional bodies (1 mark) 	5 marks	
	<p>Mechanical engineer</p> <ul style="list-style-type: none"> • Relevant degree in mechanical engineering. At least 15 years' experience in carrying out engineering works. (1 mark) • Must have conducted at least three mechanical engineering works for a project of similar magnitude. (1 mark) 	3 marks	

	<ul style="list-style-type: none"> • Must be registered with the relevant professional bodies. (1 mark) 		
	<p>Chemical engineer</p> <ul style="list-style-type: none"> • Relevant degree in chemical engineering. At least 15 years' experience in carrying out engineering works. (2 mark) • Must have conducted at least three chemical engineering works for a project of related nature. (2 marks) • Must be registered with the relevant professional bodies (1 mark) 	5 marks	
	<p>Electrical engineer</p> <ul style="list-style-type: none"> • Relevant degree in electrical engineering. At least 15 years' experience in carrying out engineering works. (1 mark) • Must have conducted at least three electrical engineering works for a project of similar magnitude. (1 mark) • Must be registered with the relevant professional bodies (1 mark) 	3 marks	

ACKNOWLEDGEMENT OF ADDENDUM NO.1

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

Signed.....

Tenderer.....

Date.....