

EXPRESSION OF INTEREST (EOI)

Response to Interested Parties Queries on EOI

Ref. Pre Submission meeting held on 15.07.2021 on the Notice inviting Expression of Interest (EOI) No. EMC/269/2021-ETB-5/EOI-1,

This document shall form part of the EOI, No. EMC/269/2021-ETB-5/EOI-1 and details mentioned in this document supersedes the same in the EOI.

Sl. No.	Query/ Issue	Response
1.	Activities involved as part of the EOI	<p>Task-1. Study of potential on installation of hydrokinetic energy projects in Kerala</p> <p>Task-2. Pilot installation of 100 KW project in an irrigation canal in Palakkad district (preferably canal of Malampuzha Irrigation project or canal of Moolathara regulator) on RESCO/ EPC mode or other mutually agreed and accepted mode.</p> <p>Task-3. Phased manner replication in potential sites in the state, as a JV partner in an SPV formed for this purpose</p>
2.	Details to be provided for online submission	<p>Documents as specified in the EOI with corrigendum/ other requirements if any mentioned in this answers to query shall be sent to emck@keralaenergy.gov.in .</p> <p>Details on Potential Study as per the technology used, Machine Specifications, and Design documents shall also be part of the submission documents.</p>
3.	Permission on civil works at site on the pilot project	<p>Adequate civil works shall be permitted after approval from concerned departments. Civil works are recommended to be done without disturbing the irrigation structures.</p>
4.	Can multiple machines can be used in the same site?	<p>Allotted vendor/OEM can decide based on optimal characteristics of their machines in the selected site. The maximum capacity may be limited based on the approvals by EMC. The OEM can choose the best possible machine designs to extract maximum potential from the site.</p>

5.	Time frame for Study of Potential on Installation of Hydrokinetic Energy Projects in Kerala (Task – 1)	A time frame of up to 6 month will be provided for the study and draft report submission. This study shall be comprehensive for the State
6.	Time period for the pilot project installation (Task-2)	4 months from date of issue of work order and agreement with EMC. This work is not dependent on Task – 1 and shall be started simultaneously
7.	Time period for the Phased manner replication	This work will be planned after Task -1 & Task-2 is completed and approved by the technical committee constituted by EMC/Government

Other Informations based on queries are listed below.

- EMC may select one or more competent technologies and companies based on the submitted EOI as per directions of the higher level evaluation committee.
- In that context, the 100 kW pilot project may be split and awarded or decided to be given jointly or multiple OEMs; according to the mutually agreed terms and as per directions of the committee.
- Vendors/OEMs may visit the site and get themselves informed on the possibilities prior to this EOI submission.
- Vendors/OEMs has to provide details of their previous Commercial or R&D installation. The evaluation committee may decide to visit the site based on its merits.

As per the queries arose, there was found few typographical error in the **Pre-Qualification Criteria – Hydrokinetic Energy Project Consultancy (Section No. 6.a)** in the EOI.

Pre-Qualification Criteria –Hydrokinetic Energy Project Consultancy		
a. Technical		
Criteria	Proofs to be produced	Max. Marks (%)
The agency should have been in the business of providing technological Services in India for a period of at least two or more years as on 31.03.2021. The agency should be a private/public limited company with proven track record in consultancy/implementation/ research for micro/mini/small hydropower or other renewable energy projects	Company incorporation certificate to be produced as proof. <i>Minimum two years experience will earn 4 marks. Each additional year of experience above 2 years will earn 5 marks subject to a maximum of 20marks 10 marks.</i>	10

<p>Total turn over the agency shall be more than 50 lakhs over the last three years. The agency should be a dedicated technology company with dependable credentials and service history. For agencies with multiple service verticals, 10% of their total turnover should be from renewable energy projects.</p>	<p>Memorandum of association of the company, audited Balance Sheet and P&L for the relevant financial years and unaudited Balance Sheet and P&L for 2019-20, both the documents to be notarized. <i>Turnover of above 10% in renewable energy vertical will fetch 10 marks and every further 10% will earn 5 marks subject to a maximum of 30 marks 20 marks.</i></p>	<p>20</p>
<p>The agency should have an office in India, and should have at least facility for assembly of hydrokinetic equipment and spare parts availability (in case of international tie-ups) and a team of expert professionals to manage it. The core team designated for this assignment by the agency should have ample academic qualifications and practical expertise in the areas of hydrokinetic energy/renewable energy with proven track record.</p>	<p>Documents to establish company's presence in India; such as lease deed or office ownership documents (10 marks). Proof/Details of company's infrastructure - may be subjected to verification - (10marks) and <i>Credentials of team of professionals (20 marks 10 marks) to be self-attested.</i></p>	<p>30</p>
<p>Convincing proposal to implement one or more pilot implementation of HKE projects up to a capacity of 100 kW on RESCO mode through a PPA or in EPC mode with obligation to carryout Annual maintenance contract during this period. The first pilot of 100 kW to be implemented within four months from the award of work.</p>	<p><i>Agreement in Rs. 200 stamped paper mentioning the same.</i></p>	<p>20</p>
<p>Willingness and capability to enter into a JV for implementation of HKE projects in Kerala on RESCO mode through a PPA on in EPC mode, with obligation to carryout Annual maintenance contract during this period.</p>	<p><i>Agreement in Rs. 200 stamped paper mentioning the same.</i></p>	<p>20</p>

The above changes have been made in the section - 6.a of the published EOI dated 30th June 2021 and this will supersede the same in the EOI.

Sd/-

Director