



ಕರ್ನಾಟಕ ನವೀಕರಿಸಬಹುದಾದ ಇಂಧನ ಅಭಿವೃದ್ಧಿ ನಿಯಮಿತ

**KARNATAKA RENEWABLE ENERGY DEVELOPMENT LIMITED**

(A Government of Karnataka Undertaking)

KREDL/07/SG/Floating Solar Enquiry/F-1183A(Nittur lake-Tumkur)/2022/

Date:

2162

27 SEP 2022

To,  
Consultants

Sub: Request for Submission of the financial proposals to engage the services of reputed consultancy firm for conducting and submission of Bathymetry survey report and Soil test report for development of Floating Solar Power Project of 1MW capacity at **Nittur Kere Lake , Gubbi Taluk, Tumkur district on pilot mode by KREDL.**

KREDL has envisaged to implement 1.00MW Floating Solar Power Project at **Nittur Kere Lake , Gubbi Taluk, Tumkur district** on pilot mode on EPC basis.

In this regard, KREDL intends to utilize the services of consultancy firms for conducting Bathymetry survey and Soil test in respect of Nittur Lake and submission of reports thereof which are required for preparation of Detailed Project Report (DPR) and Bid Documents for subject project.

The scope of the work and other terms and conditions are enclosed, herewith.

The interested consultants may submit their financial proposals in a separate sealed cover for participating in the bid on or before 01.10.2022 upto 16.00 Hrs.

Yours faithfully,

  
27/9/22  
Managing Director,

ನಂ. 6/13/1, 10ನೇ ಬ್ಲಾಕ್, 2ನೇ ಹಂತ,  
ನಾಗರಭಾವಿ, ಬೆಂಗಳೂರು - 560 072.  
ಫೋನ್: 22228 2220, 2220 8109, 2220 7851,  
ಫ್ಯಾಕ್ಸ್: 080 - 2225 7399



RTI

#6/13/1, 10th Block, 2nd Phase,  
Nagarbhavi, Bengaluru - 560 072.

E-mail : kredlmd@gmail.com

Tel. : 22228 2220, 2220 8109, 2220 7851

Fax : 080 2225 7399

**Annexure1:**

GSTIN : 29AACCK3953F1ZG

PAN : AACCK3953F

CIN : U75112KA1996PLCO20020

website: www.kredl.karnataka.gov.in

## **Annexure1:**

### **PART - I: Scope of the Work**

Based on the requirement, the scope of services shall cover the following tasks for selected site **Nittur Kere Lake , Gubbi Taluk, Tumkur district Latitude: 13° 19' 50" N Longitude: 76° 51' 59"E**

#### **Task 1: Bathymetry Survey of the Reservoir**

#### **Task 2: Soil and Water Testing**

#### **Task 3: Prepare & submit a consolidated survey report**

The scope of services is split into the following tasks, as detailed below:

#### **Task 1: Bathymetry Survey**

In this respect, The Consultant shall perform the below mentioned tasks

- The Consultant would carry out the Bathymetry Survey of the Lake (approx. area of 30 acres) as per the instructions of KREDL for setting up of Floating Solar Plant.
- Carry out the survey for the selected region of the lake totaling to approx. 30 acres using standard equipment (Echosounder, GPS, Software) having calibrated not more than 1 year ago. Calibration report shall be made part of the final report.
- All required equipment for the bathymetry shall be in the scope of the vendor along with the required boat.
- The depth sounding shall be taken at grid intervals of not more than 5m.
- Bar check/ Reference datum shall be taken by the surveyor.
- All required drawings along with the depth level shall be made part of the final report

#### **Task 2: Soil Testing**

- Consultant shall also carry out the soil testing at minimum 5 locations around the reservoir as per the directions of KREDL
- Minimum following data shall be captured during the soil testing & presented in the report:
  - Nature and Characteristic of the sub-soil below the ground level
  - Boring of 5 bore holes for conducting Soil Penetration test up to 5 m depth and collecting the soil samples
  - Conduct lab test on the soil samples. Sieve analysis, Hydrometer analysis, Index properties, Bulk density and Moisture content, Swell pressure test, Specific gravity, Free swell index, Triaxial shear test, Direct shear test, Consolidation test, Unconfined compressive strength, chemical analysis of soil and water,
  - Provide bore log data
- All required instrument shall be in the scope of the vendor and same shall be calibrated not more than 1 year ago from the date of testing.
- All required lab results shall form part of the final report
- Soil lab testing shall be carried out at NABL accredited lab only&
- Water quality testing in the reservoir .
- The Consultant shall prepare a detailed report on effect of installations of panels on the local environment, on algae, microbiological and chemical parameters, birds, aquatic flora and fauna and quality of the water.

### **Task 3: Final Report**

- Based on the above tasks, the Consultant shall prepare a detailed report and submit to KREDL for review & approval.
- 2 hard copies of the Final Report should be submitted. Bathymetry data to be submitted in CAD format along with two (2) colored printouts in A3 size. Original soil and water test reports from NABL accredited lab to be part of report.
- Any changes as per the direction and requirement of KREDL shall be carried out for the Final report.

### **Part – II: Timelines for completion of scope of work :**

<b>Deliverables</b>	<b>Timeline</b>
Bathymetry Survey Report	Within three (3) weeks from the date of work order
Soil & water Test Report	Within three (3) weeks from the date of work order
Submission of final reports	Within four (4) weeks from the date of work order

*The submission of bids and opening of the bids will be at KREDL office, Bengaluru.*

The consultants must have adequate qualified and experience personnel in their team. In this regard, participants have to submit the details of previous work experience of similar nature of work along with the proposal.

### **Duration of the Contract**

The total duration of the assignment shall be as mentioned above. KREDL has rights to extend the time as per the below clause due to unavoidable reasons.

### **Extension of time:**

If consultant requires an extension of time beyond the project completion date (plus any additional period to which the consultant is entitled to on payment of liquidated damages) for reason which are beyond his control, consultant shall apply in writing for extension on occurrence of hindrance but not after the stipulated project completion date. The authorized representative of KREDL shall extend the project completion date if he is satisfied that the delay in performance of consultant's obligation is due to reasons beyond his control. **If the "extension of time" is allowed due to unavoidable reasons, conditions and under Force Majeure the penalty will not be applicable.**

**Part - III: Financial Proposal:**

The consultant shall submit the financial proposal **in a separate sealed cover** for participating in the bid within prescribed time in the following format for a site.

<b>Sl. No</b>	<b>Tasks</b>	<b>Basic Price in Rs.</b>	<b>GST</b>	<b>Total price including GST in Rs.</b>	<b>Remark</b>
a)	Conducting of Bathymetry Survey report of the reservoir				
b)	Soil and water testing				
c)	Submission of consolidated reports as above				

## **Submission of application and Evaluation of Financial Proposal**

### **Application Submission**

The application is to be submitted in a sealed envelope (*Main Envelope*) which should be transcribed in the following manner:

**"Submission of Financial proposals to engage the service of reputed consultancy firm for conducting and submission of Bathymetry Survey report and Soil test report for the development of Floating Solar Power Project of 1MW capacity at Nittur Kere Lake , Gubbi Taluk, Tumkur district on pilot mode."**

To,  
Managing Director  
Karnataka Renewable Energy Development Limited (KREDL),  
Head Office Bangalore  
KREDL, # 6/13/1, K.R.E.D.L Office Building,  
10th Block, 2nd Phase, Nagarbhavi,  
Bengaluru-560 072,  
Karnataka

### **"Name of the Firm"**

The Main Envelope shall contain the following envelopes and documents:

Financial/Price Bid: **The financial proposal has to be in a separate envelop cover as per the format** super scribed with "Financial proposal the Enquiry No, Name of the material, Due date and Time of opening"

- a) The cost indicated in the Financial Proposal shall be deemed as final and reflecting the cost of services inclusive of all duties, levies, taxes, cess, travelling expenses, out of pocket expenses and/or any other expenses of whatsoever nature including GST. Omissions, if any, in costing any item shall not entitle the firm to be compensated and the liability to fulfill its obligations as per the Scope of Services within the total quoted price shall be that of the Firm.
  - b) The total price quoted shall be inclusive of all taxes and duties on total turnkey basis.
  - c) The participant shall quote firm prices only.
  - d) The price quoted shall remain fixed and firm during the period of contract and shall not increase in any condition.
  - e) KREDL reserves the right to accept/reject any/all tender/tenders without assigning any reasons.
- The Firm has the option of sending his application by courier/registered post/speed post or submitting in person so as to reach at the designated address before prescribed time. Application submitted by telex/ telegram/ fax/ email shall not be considered under any circumstances. KREDL shall not be responsible for any delay in receipt of Response. Any application received after the time and date for submission stipulated in the RFP shall not be opened and returned unopened;

- No change or supplemental information to the Response to sealed quotation already submitted will be accepted after the scheduled date and time of submission of Response. Notwithstanding the above, the KREDL reserves the right to seek additional information from the Firm, if found necessary, during the course of evaluation of Response; and
- If the envelopes are not closed and not superscripted as mentioned above, the KREDL will assume no responsibility for its misplacement or premature opening.

**Price Bid Evaluation and award of contract:**

- a KREDL will determine whether the Financial Proposals are complete, qualified, and unconditional.
- b For financial evaluation, the total cost indicated in the Financial Proposal will be considered
- c KREDL shall open the Financial Proposals
- d Evaluation shall be based on Bid Price including GST quoted by the consultant in their Price Bid.
- e KREDL will review the financial bid proposals. The financial proposals shall be arranged in increasing order of their Quoted Price and ranked accordingly. The consultant who has quoted the lowest Quoted Price including GST will be ranked as L1 and so on.
- f The **lowest financial consultant will be awarded the contract.**

**Part – IV: Payment Terms:**

The payment terms are as follows:

Sl. No.	Milestone of Works	Contract Amount
1	On submission of Bathymetry Survey Report	50% of Awarded Cost
2	On submission of Soil & Water Testing Report	30% of Awarded Cost
3	Final Consolidated report	20% of Awarded Cost

**Part – V: Other terms and conditions:**

1. The sealed and super scribed quotation shall be addressed to the The Managing Director, Karnataka Renewable Energy Development Limited KREDL, # 6/13/1, K.R.E.D.L Office Building, 10th Block, 2nd Phase, Nagarbhavi, Bengaluru-560 072. The consultant shall submit the financial proposal **in a separate sealed quotation**.
2. If the price bid format is submitted in the open cover the bid will be treated as non-responsive and it will be rejected.
3. The proposal shall remain valid for the period of 90 days from the last date of submission of the proposal.
4. The total price quoted shall be inclusive of all taxes and duties on total turnkey basis.
5. The participant shall clearly and invariably quote the breakup of prices, clearly furnishing the applicable GST, indicating the correct percentage.
6. KREDL will review the financial bid proposals. The financial proposals shall be arranged in increasing order of their Quoted Price including GST and ranked accordingly. The consultant who has quoted the lowest Quoted Price will be ranked as L1 and so on.
7. The successful consultant should give acceptance on the above condition by signing each page of work order and return to this office within three (3) working days from the date of work order.
8. **Penalty for the Delay in completion / Liquidated damages:**
  - If the successful consultant fails to complete the work within the stipulated time periods specified in the contract, the KREDL shall without prejudice to its other remedies under the contract, deduct from the contract, price as liquidated damage, a sum equivalent to 0.5% of the contract price for each week of delay, subject to a maximum of 10% of the total contract value.
  - The KREDL has got every right to terminate the contract without any liability if total penalty crosses 10% of the contract value.
  - Notices, statements and other communications sent by KREDL through registered post or telegram or e-mail or fax to the successful consultant at his specified addresses shall be deemed to have been delivered to the successful consultant.
  - Any work, which is not covered under this contract, but is essentially required for the completion of job to the satisfaction of KREDL shall be carried out by the successful consultant without any extra cost to KREDL.
  - KREDL reserves the right to accept/reject any/all the bids without assigning any reasons.
9. **Applicable Law**

The contract shall be interpreted in accordance with the laws of the purchaser's / KREDL's country i.e., India. The station of KREDL, Head Office, Bengaluru shall have exclusive jurisdiction in all matters arising under this contract.

## **10. Dispute Settlements**

The dispute arising out of this contract shall be subject of the jurisdiction of Indian Laws and Court at Bengaluru. Sole arbitrator is appointed by MD,KREDL .His decision will be final and binding to both the parties.

## **11. Notice**

Any notice given by one party to the other pursuant to the contract shall be sent in writing or by telegram or telex/cable and confirmed in writing to the address specified for that purpose. A notice shall be effective when delivered or on the notice's effective date, whichever is later.

**12.** KREDL reserves the right to cancel this notice and not to proceed in the matter, at any stage accept or reject any or all applications, without giving any explanations, whatsoever.

**13.** KREDL reserves the right to cancel the bid process or reject all/any bid(s) without assigning any reason thereof and will bear no liability whatsoever consequent upon such a decision.

**14.** The successful consultant withdraws his offer within the validity period or fails to accept the order for any reason whatsoever, or fails to complete the work in time, the consultant shall be black listed for any other such activities in any State Govt. / Govt. of India and Union Territory.

**15.** Contact Details - Karnataka Renewable Energy Development Limited KREDL, # 6/13/1, K.R.E.D.L Office Building, 10th Block, 2nd Phase, Nagarbhavi, Bengaluru-560 072. [tosgkredl@gmail.com](mailto:tosgkredl@gmail.com) and [agm.sgkredl@gmail.com](mailto:agm.sgkredl@gmail.com)