

**THDC INDIA LIMITED**  
**(Schedule -A Mini Ratna PSU)**

**EOI No.: THDC/RKSH/CC-439**

**Detailed Invitation for Expression of Interest (EOI)**  
**for**  
**Development of PSP on Concept to Commissioning Basis**



**Corporate Contracts Department,  
THDC India Limited, NCR office,  
Plot No.20, Sector-14, Kaushambi, Ghaziabad**

**July – 2022**

## **1. Brief Profile of THDCIL**

THDC India Limited is a leading Power Sector and Profit-making Public sector Enterprise and registered as a Public Limited Company in July-1988 under the Companies Act, 1956 under the administrative control of Ministry of Power.. THDCIL was conferred 'Mini Ratna' Category-I Status in Oct-2009 and up-graded to Schedule 'A' PSU in July 2010 by the Govt. of India.

The Authorized Share Capital of the Company is 4000 Cr. and paid up capital as on 30th Sep 2021 is 3665.88 Cr. THDCIL started earning profits from first year (2006-07) of commercial operation of its maiden project i.e. Tehri HPP (1000 MW) and THDCIL is a consistently profit making company since then.

THDCIL was constituted with the sole objective to develop, operate & maintain the 2400 MW Tehri Hydro Power Complex (Tehri HPP-1000 MW, Tehri PSP-1000 MW and Koteshwar HEP-400 MW), and other Hydro projects. The Corporation has grown into a Multi-Project Organization, with Projects spread over various States. it has also forayed into generation of electricity from renewable energy sources and thermal power plants. Presently, THDCIL has a portfolio of 11 projects (Hydro, Thermal, Wind & Solar), with a total capacity of 4696 MW. This, includes 1587 MW operational Projects (Tehri HPP-1000 MW, Koteshwar HEP-400 MW, Dhukwan SHP-24 MW, Patan Wind Farm-50 MW, Devbhumi Dwarka Wind Farm-63 MW and Kasaragod Solar Power Plant -50 MW) and 2764 MW under Construction Projects (Tehri PSP 1000 MW, VPHEP 444 MW and Khurja 1320 MW). The other projects are under various stages of development/ implementation. Further, THDCIL is also developing 2000 MW UMREPPS (600 MW capacity of Solar Park, each at Jhansi and Lalitpur District and 800 MW at Chittarkoot District of UP) through SPV (a JV of 'THDCIL' and 'UPNEDA' named TUSCO') in the state of Uttar Pradesh.

In addition, a number of Projects are in the business development stage.

## **2. Objective of the EOI**

Government of India has laid emphasis on development of pumped storage projects as Energy Storage Systems for integration of renewable energy and for supplying 24x7 green energy to the power system.

THDC India Ltd. (THDCIL) is interested to develop off stream / on stream pumped storage projects with installed capacity ranging between 1000 MW to 2000 MW with minimum 6 Hours of Continuous Energy storage in the States of Rajasthan, Maharashtra and Kerala on single responsibility basis from concept to commissioning broadly including the following scope of work:

- a. Project Site identification,
- b. Land acquisition and R&R activities for establishment of the project.
- c. Due diligence and necessary approvals for establishment of the proposed PSP from State / Central Governments including preparation of PFR & DPR and necessary approvals.
- d. Approvals for usage of water required for running of the plant for its life as per prevailing guidelines.
- e. All the necessary consents, clearances, permits and approvals for the Project.
- f. Design, Engineering, Procurement of the project & construction of the project and its successful operation.
- g. Explore available/underutilized transmission network & development of required transmission system to the nearest ISTS sub-station for power drawl for pumping from the grid and generated power injection into the grid.
- h. Considering any other benefits/incentives that are / may be available from the laid down policies of State / Central Governments, regulatory bodies etc.
- i. Arranging Pumping power at competitive rates from Solar/ Wind Plants for the project.
- j. Arranging PPAs for the installed Capacity.

Accordingly, THDCIL is inviting Expression of Interest (EOI) for conducting market survey and formulate a strategy for implementation of PSPs with the objective defined above and to gather following information:

- i. Interested agencies are required to submit Brief Description of the company including its main lines of business area in Hydro Power domain in which the firm and / or its parent company / associates / joint venture / other significant collaborating arrangement etc. are operating, Past Experience in the Development of Power Projects with specific reference to PSPs.
- ii. Information about the agencies with their previous experience and present projects in hand and their status, Technical & Financial Strength etc.
- iii. Proposed capacity of the pumped storage projects and its location.
- iv. Estimated completion time for the entire scope of work (as above) along with breakup of the time schedule of various activities.
- v. Tentative cost of the project and expected tariff
- vi. Any other information/ input which the prospective bidder may like to share based on their experience for the preparation of bidding document by THDCIL viz. Mode of tendering, eligibility criteria, Award criteria etc.

The interested bidders like Independent Power Producers (IPPs), Power Generation Companies, Power Plant Developers, Construction Companies etc., who are well versed with state/ Central policies, rules and regulations & know-how in development of Pumped Storage Hydro Projects in India, shall submit information sought in this EOI so as to enable THDCIL for formulating the Bid documents and for invitation of bids.

Subsequently, an Interactive session at THDCIL discretion may also be held with the participating agencies wherein suggestions/ information/ inputs submitted by the agencies shall be discussed.

### 3. Submission, Opening and Evaluation of EOI.

EOI shall be submitted through e-tender mode on <http://eprocure.gov.in/eprocure/app> (CPP Portal). No Hard copy of the EOI is required to be submitted. The EOIs will be opened at the time, date and location notified in the EOI, in the presence of the Applicants/ Agencies authorized representatives (not exceeding two per Applicant/ Agency) who choose to attend. In case requisite documents are not submitted online before the stipulated EOI submission closing date and time then EOI will not be entertained by THDCIL.

### 4. Notes:

- i) THDCIL reserves the right to accept or reject any or all applications, cancel/ withdraw the EOI process without assigning any reason whatsoever, in case situation arises, and in such a case no applicant / intending applicant shall have any claim arising out of such action.
- ii) THDC India Limited invites interested applicants to indicate their interest in providing the services as above. Interested applicants must provide information as per the **Schedule-I & Schedule-II**.
- iii) Agencies shall bear all cost towards preparation, submission of its proposal or discussions with THDCIL. THDCIL shall in no case be responsible or liable for those costs, regardless of conduct or outcome of the EOI process.
- iv) In future, THDCIL intends to invite bid in this regard with detailed Prequalification criteria and bid document for engaging an eligible agency for the execution of this work, against which other prospective bidders who could not participate in this EOI shall also be eligible to submit their bid.
- v) Applications for EOI with relevant documents should be uploaded on the NIC's CPP Portal (<http://eprocure.gov.in/eprocure/app>) by 15.00 hrs. on 29.08.2022. The EOI will be opened at 15:00 hrs on 30.08.2022 at Corporate Contract dept., THDCIL, Kaushambi, Ghaziabad.
- vi) THDCIL reserves the right to extend the last date of submission/ opening of EOI.
- vii) All future corrigenda / addenda / amendments and clarifications to the invitation of EOI, if any, shall be hosted on above website only. Applicants are therefore advised to keep themselves updated with all such amendments.
- viii) All information provided by one party to the other in connection with this EOI will be treated as confidential.
- ix) It may be noted that submission of EOI does not, in any way, constitute any kind of commitment on the part of THDCIL to award the intended work to participating bidders.

- x) Interested applicants may obtain further information / Clarification in writing from the contact details given below during office hours on working days from 10.00 hrs. to 17.00 hrs.:

CGM (Contracts)  
Corporate Contracts Department,  
THDC India Limited, NCR office,  
Plot No.20, Sector-14, Kaushambi, Ghaziabad  
Email: [corpcontract@thdc.co.in](mailto:corpcontract@thdc.co.in)  
Ph. No. 0120-2776438, 2776952

**Form of Expression of Interest (EOI) for Development of PSP on Concept to  
Commissioning Basis**

**(TO BE SUBMITTED ON THE LETTER HEAD OF THE INTERESTED AGENCY / APPLICANT)**

Ref No. THDC/RKSH/CC-439/.....

Date:.....

To,  
CGM (Contract),  
THDC India Ltd.,  
NCR, Sector-14,  
Kaushambi, Ghaziabad

Dear Sir,

We are interested in the work specified under scope of work. We hereby express our willingness to participate in bid as and when THDCIL invites the proposal for the same.

With reference to your invitation for EOI dated \_\_\_\_\_, all the required details are furnished herewith:

Name of the Company and Address and its main line of business.	
Whether the company is Govt. firm / Private owned	
<b>Technical Strength</b>	
PSP off-stream Projects in Hand and their status	
PSP on-stream Projects in Hand and their status	
Completed PSP Projects	Details may be provided in <b>Schedule-II</b>

<b>Financial Strength</b>	
Last five years turnover of the company/firm	
Net Worth of the company as on the last date of the last financial year.	
<b>Proposed project information (Project wise details may be given)</b>	
Proposed capacity of the pumped storage projects and its location.	
Estimated completion time for the entire scope of work along with breakup of the time schedule of various activities.	
Tentative cost of the project including yearly phase wise cost	
Any other information/input	
Name and Designation of the contact person	
Address	
Mobile Number	
E-Mail Address	
Information related to mode of tendering, eligibility criteria, award criteria etc. has been enclosed at .....	-----

Place:

Date:

Name :

In the Capacity of:

Signed:

Duly authorized to sign the application for and on behalf of:

(Seal of the company)

**Schedule-II**

**(EXPERIENCE)**

<b>Sl. No</b>	<b>Project name and its description</b>	<b>Project location</b>	<b>Installed capacity</b>	<b>Type of Machine</b>	<b>Commissioning date</b>	<b>Completion Cost Rs Cr</b>	<b>Tariff</b>	<b>Remarks</b>

Note: Please attach Client's Certificates/Other relevant certificates.

Place:

Date:

Name :

In the Capacity of:

Signed:

Duly authorized to sign the application for and on behalf of:

(Seal of the company)