

**EXPRESSION OF INTEREST**  
**FOR**  
**DEVELOPMENT OF**  
**BORDIKORAI SMALL HYDRO ELECTRIC PROJECT**  
**(INITIAL ESTIMATED CAPACITY:- 4.7 MW)**



**Expression of Interest No: APGCL/CGM (H&C)/2023-24/BSHEP/19  
dated 04.09.2023**

**LOCATION: ITAKHOLA, BISWANATH DISTRICT, ASSAM**

**OWNER/CLIENT: ASSAM POWER GENERATION CORPORATION LIMITED (APGCL)**

**ADDRESS: 3<sup>RD</sup> FLOOR, BIJULEE BHAWAN, PALTANBAZAR,  
GUWAHATI, KAMRUP(M), ASSAM, INDIA**

**ASSAM POWER GENERATION CORPORATION LTD.**

**NOTICE INVITING EXPRESSION OF INTEREST**

**No: APGCL/CGM (H&C)/2023-24/BSHEP/19 dated 04.09.2023**

Assam Power Generation Corporation Limited (APGCL) invites Expression of Interest (EOI) for the development of 4.7 MW Bordikorai Small Hydro Electric Project .

EoI Document shall be available in the APGCL portal- <https://assamtenders.gov.in> and <https://apgcl.org> from 05.09.2023 to 19.09.2023.

- i. Last Date/ Time for submission of Eol documents online in <https://assamtenders.gov.in>: 20/09/2023 upto **12:00 Hours**.
- ii. Eol documents shall be **opened on 20/09/2023 at 15:00 Hours**.
- iii. Any Proposal found not fulfilling the requirements as detailed in the Eol document, will be considered as non-responsive and the Application will not be evaluated further. Applicants shall submit the signed (by authorized signatory) & stamped copy of the Eol Document (on each page) along with their responses. Eol documents submitted without signature and seal on each page will be rejected immediately.
- iv. For any clarifications, applicants may send their query to [saurav.saikia@apgcl.org](mailto:saurav.saikia@apgcl.org) upto **12:00 Hours of 19/09/2023** and applicants are requested to keep themselves updated with <https://assamtenders.gov.in> and **APGCL website** on regular basis for any corrigendum/addendum/modification or notification in respect of this, at EOI stage and at any stage. No separate notification will be issued in any other media.

A handwritten signature in blue ink, followed by the date '04/09/2023' written in blue ink.

**Chief General Manager (H&C)**

APGCL, Bijulee Bhawan,

Paltanbazar, Guwahati-01, Assam

## **1. INTRODUCTION:**

Assam Power Generation Corporation Limited (APGCL), a company wholly owned by Govt. of Assam, is a profit-making state GENCO incorporated in the year 2003. APGCL is responsible for maximum energy generation to meet up the energy demand in the State of Assam. APGCL's vision is to achieve enhancement of generation capacity from hydro and gas-based thermal plant with addition of renewable energy generation including small hydro and green energy by the year 2030. Rural Electrification Corporation (REC) Ltd. rated APGCL as A++ out of 26 state GENCO, in the year 2022-23. Power Finance Corporation (PFC) rated APGCL as A++ in the year 2022-23.

## **2. BACKGROUND:**

The Bordikorai Small Hydro Electric Project (4.7 MW), was proposed at the existing Bordikorai Irrigation canal near Itakhola tea garden in Biswanath District of Assam. Initially it was conceptualised as Irrigation scheme with Hydro power generation facility consisting of 4 falls (stages) along the Irrigation canal. The Irrigation canal is fed up by the Bordikorai river, a tributary of Jia Bhorali on the northern bank of Brahmaputra.

The project was cleared by Planning Commission, Govt. of India in December, 1974 and administrative approval accorded in February, 1975. However, no action was taken for utilization of the hydro potential in the last several decades. Thereafter Govt. of Assam through APPDCL (a JV company of Govt. of Assam and IL&FS) completed the project developmental activities viz. preparation of DPR, survey & investigation, bid documents etc. and awarded the project to a private developer with signing of an agreement dated 18.05.2010, the developer initiated project development activities of the project but due to various reasons the same could not be completed and the agreement was terminated on 01.03.2015. The said project was taken over by APGCL on December 2020 as per Govt. of Assam directive. Now, in the interest of completion of the project development work, APGCL invites Expression of Interest (EOI) from reputed & experienced hydro power project developers.

### **3. LOCATION:**

Project site is located at a distance of 50 Km from Tezpur Town of Assam and accessible by Itakhola-Seijusa-Sepa Road off NH 52. (Google map of the project location is enclosed as **Annexure-A** for ready reference).

### **4. SCOPE OF WORK:**

For development of 4.7 MW Bordikorai SHE Project, APGCL invites EOI from interested developer with the following scope of works;

1. Based on availability of discharge at Irrigation canal and site conditions, the potential developer will prepare a Pre-Feasibility Report (PFR) based on current situation.
2. As already, some of the project components are developed during the period of year 2010-2013, efficacy and life expectancy of the same shall be appropriately considered in the said PFR.
3. To utilise some of the already constructed structures & machineries/materials, additional cost estimate to be considered to get its full life expectancy/reasonable operation life of the project.
4. Cost assessment of all the utilised equipment, materials and structure to be prepared. This cost will be part of APGCL's equity.
5. All the cost estimates must be backed up by documentation from reputed agency/valuer, by the selected developer.

### **5. ASSESSMENT OF EOI:**

Assessment of the EOI shall be done on the basis of the following parameters:

1. Maximum amount of equity offered to APGCL from the existing structures, machineries and materials.
2. Guaranteed per unit cost of generation by the developer.
3. Use of modern/state of the art, efficient, cost effective technology to maximise generation output out of the existing site conditions such as hydrology, soil & climatic conditions etc.
4. Guaranteed PLF from the project.
5. Capacity to bring in multi-lateral aid or MNRE subsidy etc.
6. Levelized Tariff of the project with detail calculations.
7. Total cost of the project with detail calculations for each fall and component.

8. It is to be noted that as electricity is a regulated market, AERC's approval of DPR & Tariff regulation will be required which will be in the scope of the selected developer.
9. Approval of any environmental & forest clearance required, shall be obtained by the selected developer by its own due diligence. APGCL shall provide assistance in the process of obtaining the said clearances, however primary responsibility of obtaining the same shall on the developer.

**6. ELIGIBILITY CRITERIA:**

Participating bidders must satisfy the following criteria for selection:

1. The bidder must have experience of completing at least 1 (one) similar small hydro power project (installed capacity within 1 MW to 25 MW). Completion certificate from owner/client to be submitted.
2. The bidder must possess adequate financial capability to execute such projects such as;
  - a) Net worth of the bidder must be positive in the last 3 (three) years financial years, i.e FY 2022-23, FY 2021-2022 & FY 2020-2021 certified by Chartered Accountant.  
The Net Worth of the Bidder as on the last day of the preceding financial year should not be less than a minimum of INR 10.34 Crore (Indian Rupee Ten Crore Thirty Four Lakh). For avoidance of doubt, "net worth" as per section 2 (57) of the Companies Act 2013 means the aggregate value of the paid-up share capital and all reserves created out of the profits and securities premium account, after deducting the aggregate value of the accumulated losses, deferred expenditure and miscellaneous expenditure not written off, as per the audited balance sheet, but does not include reserves created out of revaluation of assets, write-back of depreciation and amalgamation.
  - b) Average Annual Turnover of the bidder in the last 3 (three) Financial years must not be less than Rs. 20.00 Crores (Rupees twenty crores) only certified by Chartered Accountant.
  - c) Solvency certificate to be submitted issued by reputed Financing agency/institution.
3. Bidder must submit detail schedule of activities/work enumerating all task's start and end date mentioning completion time required in a comprehensive bar chart.
4. Joint venture & consortiums shall not be entertained.

## **7. ADDITIONAL INFORMATION:**

Following points are requested to be noted by the interested bidders;

1. This bid is only for expression of interest against development of the said project.
2. Interested bidders are encouraged to visit the site with due permission of APGCL, to make proper judgement & submit responsive bids, however any cost incurred for such visits, data collection will not be reimbursable and APGCL shall not be liable in any ways. APGCL shall, on request of the bidder, may assign competent officer to assist in such visits.
3. Relevant documents (DPR etc) of the projects are to be shared with the interested bidder, on its request, to be made available in APGCL website or by other means, only for EOI purpose and not to be used as a base data for preparation of PFR.
4. Land and other assets available including quarters & colony buildings of the said project are to be made accessible to the selected bidder only for the purpose of the said project work with permission from the Irrigation Department. The permission will have to be taken by the developer in which APGCL will provide assistance. Developers will have to do all necessary repairing of the buildings if allotted to them at their own cost. Use of the said assets for any other purpose or any damage to the same will attract legal & financial penalties to be fixed by APGCL and need to be satisfactorily compensated as determined by APGCL.
5. The selected bidder shall have to enter into a contract agreement with APGCL for successful completion of the job.
6. Amongst the responsive bidders, a limited tender will be floated for development of the project including other scope of works as mentioned in this E.O.I.
7. The undersigned reserves the right to accept or reject any or all bids without assigning any reason thereof and does not bind himself to accept the lowest tender/bid.

