



## Invitation for Bids

**Tamakoshi Jalvidhyut Company Limited**  
**Tamakoshi V Hydroelectric Project**

Invitation for Bids for the “**Contract 2: Electro-Mechanical Equipment and Transmission Lines Works**” of **Tamakoshi V Hydroelectric Project (99.8 MW)**

Contract Identification No: TKJVC/TKV/080-81/ICB/DB-01

**First Date of Publication of Notice: May 30, 2024**

1. Tamakoshi Jalvidhyut Company Limited (TKVJC) “The Employer” has completed the financial closure including the debt portion required for the Project with Employees Provident Fund (EPF) and equity investment will be made from Nepal Electricity Authority (NEA), Local Promoters and General Public and intends to apply a portion of this loan to cover eligible payments under the Contract for “**Contract 2: Electro-Mechanical Equipment and Transmission Lines Works**” of **Tamakoshi V Hydroelectric Project**; **Contract Identification No: TKJVC/TKV/080-81/ICB/DB-01** Bidding is open to all eligible as per Section V of the Bidding Document.
2. **Tamakoshi Jalvidhyut Company Limited** invites electronic bids from eligible bidders for the construction of “**Contract 2: Electro-Mechanical Equipment and Transmission Lines Works**” of **Tamakoshi V Hydroelectric Project** through Plant and Design-Build (DB) mode under **International Competitive Bidding – Single Stage Two Envelope Bidding procedures**. Only eligible bidders with the following key qualifications should participate in this bidding:

Minimum Work experience of similar size and nature:

- a. Participation as Prime contractor or joint venture partner, in at least one EPC/Turnkey/DB Contract within the last ten (10) years, with a value of at least equivalent **US \$ 17,200,000.00 (In Words: United States Dollar Seventeen Million and Two Hundred Thousand Only)** that have been successfully or are substantially completed and that are similar to the proposed works. The similarity shall be based on the physical size, complexity, methods, technology or other characteristics as described in Section VI, Employer’s Requirements.
- b. Participation as Prime contractor or joint venture partner, in Contract within the last ten (10) years, with a value of at least **equivalent US \$ 7,200,000.00 ( In Words: United States Dollar Seven Million and Two Hundred Thousand Only)** that have been successfully or are substantially completed.
- c. For the above 2a or 2b or other contracts executed during the period of last ten (10) years, a minimum construction experience in following Key Activities:
  1. Complete design and manufacture inhouse (must have facility of hydraulic model testing and CFD modeling for turbines), supply, erection, testing and commissioning turbine-generator units including:
    - i. Per unit each with capacity of **35 MW** or higher in at least two different hydropower project that have been in successful operation for at least 2 years as of bid submission deadline. Out of Two (2) projects, at least One (1) should be vertical Francis turbine & One (1) should be outside the country of manufacturer.
    - ii. Per unit of Generator of **40 MVA** or higher capacity in at least two different hydropower project that have been installed and successfully in operation for at least Two (2) years as of bid submission deadline. Out of Two (2), One (1) should be outside home country



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- iii. One (1) unit horizontal Francis turbine that has been in successful operation for at least One (1) year as of bid submission deadline.
2. Complete design, manufacture, supply, erection, testing and commissioning of 220 kV GIS or higher equipment that have been in successful operation for at least 2 years as of bid submission deadline.
3. Complete design, manufacture, supply, erection, testing and commissioning of minimum two (2), 220kV Indoor Type Power Transformers, each with minimum capacity of 40 MVA that have been in successful operation for at least 2 years as of bid submission deadline.
4. Complete design, manufacture, supply, erection, testing and commissioning of one (1) Hydro Plant Control system with minimum capacity 35 MW including SCADA and Telemetry that have been successfully in operation for at least 1 years as of bid submission deadline.
- d. Minimum Average Annual Construction Turnover of the best 3 years within the last 10 fiscal years: **US \$ 14,300,000.00 (In Words: United States Dollar Fourteen Million and Three Hundred Thousand Only)**
- e. Bidding capacity should be equal to or more than **US \$ 28,600,000.00( In Words: United States Dollar Twenty-Eight Million and Six Hundred Thousand Only)**
- f. Able to demonstrate adequate Manpower and Equipment to be used for the Project.
- g. Able to produce Concept paper for Understanding of the Project and Proposed Design
3. Under the Single Stage, Two Envelope Procedure, Bidders are required to submit the Technical Bid and the Price Bid, as per the provision of ITB 21 of the Bidding Document.
4. Eligible Bidders may obtain further information and inspect the Bidding Documents at the office of **Tamakoshi Jalvidhyut Company Limited, House No. 106, Okharbot Marg, Thapagaun, Kathmandu, Nepal, E-mail: tamakoshi5@nea.org.np** or may visit PPMO e-GP system **www.bolpatra.gov.np/egp**
5. Bidder submitting their bid electronically shall download the bidding documents for e- submission from PPMO's e-GP system **www.bolpatra.gov.np/egp**. Bidders, submitting their bids electronically, should deposit the cost of the bidding document in the Project's account as specified below.

**Information to deposit the cost of the bidding document in the Bank:**

**Cost of Bidding Documents: NRs. 20,000/- (Rupees Twenty thousand only).**

Name of the Bank: Nabil Bank

Name of Office: Tamakoshi Jalvidhyut Company Limited

Office Account no.: 9701017500087

6. Pre-bid meeting shall be held at **Tamakoshi Jalvidhyut Company Limited, House No. 106, Okharbot Marg, Thapagaun, Kathmandu, at 13:00 hours NST on July 14, 2024.**
7. Electronic bids must be submitted through PPMO's e-GP system **www.bolpatra.gov.np/egp** on or before **12:00 hours NST on July 29, 2024.** Bids received after this deadline will be rejected.
8. The bids will be opened in the presence of Bidders' representatives who choose to attend at **13:00 hours NST on July 29, 2024** at the office of **Tamakoshi Jalvidhyut Company Limited, House No. 106, Okharbot Marg, Thapagaun, Kathmandu.** The absence of the Bidder's representative shall not affect the bid opening procedure. Bids must be valid for a period of **180 days** after bid opening and must be accompanied by a scanned copy of the bid security in pdf format amounting to a minimum of **US \$ 790,000.00 ( In Words: United States Dollar Seven Hundred and Ninety Thousand Only)** which shall be valid for 30 days beyond the validity period of the bid .



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9. If the last date of purchasing and /or submission falls on a government holiday, then the next working day shall be considered as the last date. In such a case, the validity period of the bid security shall remain the same as specified for the original last date of bid submission.
10. Tamakoshi Jalvidyut Company Limited reserves the right to reject or accept any or all Bids partly or fully and to annul the bidding process and reject all bids without assigning any reason whatsoever.
11. Other mandatory Information as per Public Procurement Act (PPA).



*Signature*