

# SANIMA JUM HYDROPOWER LIMITED

SANKHAPARK, DHUMBARAHI, KATHMANDU

Request for Pre-Qualification (RFQ)

For Design, Manufacture, Supply, Installation, Testing and commissioning of Electro-Mechanical Works of Jum Khola Jalvidhyut Aayojana (56 MW), Dolakha, Nepal

Ref. No: JKJA-EMW-2081 /082-01

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Sanima Jum Hydropower Limited (SJHL), a company registered under the Company Registration Act of Nepal, (Registration No. 253402/077/078) intends to construct Jum Khola Jalvidhyut Aayojana (JKJA) and invites experienced contractors/companies to prequalify for **Design, Manufacture, Supply, Installation, Testing and Commissioning of Electro-Mechanical Works** of 56 MW Project.

The Project is a Run of River (RoR) type with its Headworks located on the left bank of Jum River at Buming of Bigu Rural Municipality-1. The Powerhouse of the Project is located at Kharanitaar of Bigu Rural Municipality. The design discharge of the Project is 28.16 m<sup>3</sup>/s and the gross head is 254m.

Electro-mechanical equipment comprises water to wire connection, but not limited to, four Main Inlet Valves (Butterfly), four Vertical Axis Francis Turbines, four Governors, Cooling Water System, Compressed Air System, four salient pole synchronous Generator with excitation system, Station Auxiliary Supply Transformers, Overhead Travelling Crane, one-Diesel engine generator set, Oil purifying and handling equipment, Fire Fighting System, 11 kV Switchgear system (Circuit Breaker, Potential Transformer, Current Transformer), Low voltage Distribution system, 12 kV XLPE power cable, Power cables, control cables, communication cables, cable trays and accessories, four 11/220 kV and 11/132 kV Power Transformer suitable to install at underground Switchyard, 220 kV and 132 kV GIS Switchgear equipment (SF6 Circuit Breaker, Disconnecting switch, Current Transformer, Potential Transformer, Lightning Arrester, Cable termination with power cable), Control system, Grounding and Lightning Protection system, Battery, Battery charger and UPS, SCADA and communication system, Protection systems, Video Surveillance system in power house and headworks.

**Interested Suppliers/Companies (registered firms) with past experience in Design, Supply, manufacturing, delivery, erection/installation and testing and commissioning from 'Water to Wire' of at least installed capacity of 25 MW Francis Turbine in Asia or Himalayan region are requested to submit the following information to be considered for pre-qualification.**

- Certified copies of original documents defining constitutions and/or legal status, place of registration and principal place of business.
- Latest Company Profile.
- Total annual turnover expressed as total volume of Design and Installation work carried out in the last five year; (most recent financial statements)
- Audited financial reports for the past five years, and an estimated financial projection for the subsequent two years.
- Evidence of access to lines of credit, and availability of other financial resources.
- Name and address of banker(s) who will (and have been authorized to) provide references upon request by SJHL.
- Details of performance as prime/main contractor on works of a similar nature (including Supply, Design, Installation and Testing and Commissioning) over the last five years and on current works and having its own production factory to produce either Generator or Turbine.
- A list of the major items of equipment at workshop along with the working methodology.

In case the application is made through a Joint Venture company, the company must provide afore-mentioned document of each partners separately and ratio of partnership in JV.

All these documents can be scanned and sent via email ([sanimajum@sanimahydro.com](mailto:sanimajum@sanimahydro.com)) or hard copy at the address mentioned below to the Employer before 12.00 hours local time on the last date of submission as mentioned above. The pre-qualified Contractors/Companies may be invited through a "Letter of Invitation" to bid the contract. SJHL reserves the right, not to invite any of the Contractors/Companies or cancel the pre-qualification process at any time without providing any justifications.

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