



BLUE ENERGY LTD.(BEL)

5th Floor, Alliance Tower, Charkhal, Kathmandu, Nepal, Phone No: 977 1 4545927

NOTICE INVITING TENDERS (INTERNATIONAL COMPETITIVE BIDDING)

INVITATION LETTER

Notice No: BEL/PKG- Balance of Plant (BOP)

Dated: 19.09.2025

Sealed bids on lumpsum basis for Balance of Plant (BOP) i.e Electrical Balance of Plant (EBOP)/Mechanical balance of Plant (MBOP)/ EBOP+MBOP (Combined) are invited on behalf of Blue Energy Limited for Super Trishuli Hydropower Project (100 MW) hereinafter referred to as “the Employer” from eligible Firms under International Competitive Bidding (ICB) process by the Employer for Design, Manufacture, Supply and Delivery to Site, Erection, Testing and Commissioning of the following package:

BEL/Package-: Balance of Plant (BOP)

1. Electrical Balance of Plant Packages (EBOP Package)

Major Items

- LV system
- Generator Circuit Breaker and Medium Voltage (MV) System
- 110 V Direct Current (DC) Supply System
- Power and control cables, Cable trays and accessories

In addition to above, this package shall also include following items:

- Illumination system
- DG sets

OR

2. Mechanical Balance of Plant Packages (MBOP Package)

Major Items

- Cooling Water System
- Drainage and Dewatering System
- HVAC system
- Fire Fighting system

In addition to above, this package shall also include following items:

- Low Pressure Compressed Air System
- Oil Handling System

OR

3. MBOP and EBOP packages (Combined)

Bidders who are bidding for one package (either EBOP or MBOP) only, shall have to be single entity company, however, bidders who shall bid for both packages combined, can be a single entity or a JV/Consortium duly constituted for this purpose.

Scheduled Completion Time: The date of completion is Dec 2026.

1. Clarifications required by the Bidders.

The Bidders requiring any clarification on the Bidding documents may notify the Employer in writing or electronic mail to reach the office of Mr. Sandesh Pant, Blue Energy Ltd., Alliance Tower, 5th Floor, Charkhal Road, Dillibazaar, P.O. Box: 1016, Kathmandu, Nepal, Phone No: +977-1-4545927, Mobile No: +977-9841177500, Email Id: sandeshpant@blueenergy.com.np at least 7 (Seven) days in advance of proposed pre-bid meeting. These will be clarified in the pre-bid meeting.

2. Cost of Bid documents

A non-refundable fee of NPR.20,000/- shall be payable for procuring the Bid Document. The non-refundable fee is to be paid in the form of a Demand Draft or deposit amount in favor of "Blue Energy Limited" payable at Kathmandu, Nepal or through electronic credit payable to the following bank account:

- Nepal Investment Mega Bank.
- Naxal, Kathmandu, Nepal
- Current Account No: 00101010335294
- Swift code NIBLNPKT

A scanned copy of the Voucher/Electronic credit may be mailed along with the request stating, "Request for Bid Document for BEL/Package- Balance of Plant ("Name of package") of Super Trishuli Hydro Power Project (100 MW)". After verification of bid fee, the Bidder may obtain the Bid through electronic mail on all working days between 19.09.2025 and 17.10.2025.

3. Site Visit

A site visit by the representative(s) of the Bidder and BEL can be planned by prior information to BEL.

3. Pre-Bid Meeting

A Pre-Bid meeting open to all prospective Bidders will be held through an Online meeting or in the Office of BEL at Kathmandu, wherein the Bidders shall be given an opportunity to obtain clarifications, if any, regarding the work and Bid conditions. The bidder shall submit the queries latest by **25.10.2025**. The exact time and date of pre bid meeting shall be intimated separately. Clarifications shall be shared with all potential bidders through email.

4. Submission of Bids

Sealed Bids superscribed "Bid for BEL/PKG- Balance of Plant ('Name of Package') shall be submitted in a single cover containing Qualification & Techno-Commercial and Price Bid. Bid must reach in the office of Mr. Sandesh Pant, Blue Energy Ltd., Alliance Tower, 5th Floor, Charkhal Road, Dillibazaar, P.O. Box: 1016, Kathmandu, Nepal by **18.11.2025**, at 1500 hours.

If the due date of receipt of Bids as aforesaid is declared holiday, Bids would be received upto 1500 Hrs. on the next working day. Bids received late may be rejected & incomplete Bids will not be entertained.

5. Bid Security

The Bid Security of NPR 20 Lacs (In words Nepalese Rupees Twenty Lacs Only) must accompany each Bid and the Bid not accompanied by the Bid Security shall be rejected as non-responsive.

6. Bid Validity Period

Bid shall be valid for a period of 180 days from the due date of submission of Bid.

7. Whom to Contact

For any further information on the Bid, the Bidders may contact the person named in Para 1 in his offices at the above given address or through electronic mail or telephonically.

8. The Employer shall have the right to reject all or any of the Bids and shall not be bound to accept the lowest or any other Bid or to give any reason for such decision.

Sd/-

For & on behalf of Blue Energy Limited

ELIGIBLE BIDDERS

The invitation to bid is open only to Bidders who meet the following minimum qualifying requirements for the scope of Balance of Plant (Electrical and Mechanical Balance of Plant) works for Super Trishuli Hydropower Project (100 MW).

Eligible Bidders participating as a Sole Bidder or as a Joint Venture (JV) / Consortium must be:

Any company, having proven experience in the Design, Manufacture, Supply, Transportation and Delivery to Site, Erection, Testing and Commissioning of the following Electrical Balance of Plant (EBOP) systems or Mechanical Balance of Plant (MBOP) systems or Complete EBOP and MBOP systems associated with hydro/thermal power projects (as the case may be) shall be considered eligible in line with following:

Electrical Balance of Plant (EBOP) Package

Major Items:

- a) LV system
- b) Generator Circuit Breaker and Medium Voltage (MV) System
- c) 110 V Direct Current (DC) Supply System
- d) Power and control cables, Cable trays and accessories

In addition to above, this package shall also include following items:

- e) Illumination system
- f) DG sets

Mechanical Balance of Plant (MBOP) Package

Major Items:

- i. Cooling Water System
- ii. Drainage and Dewatering System
- iii. HVAC system
- iv. Fire Fighting system

In addition to above, this package shall also include following items:

- v. Low Pressure Compressed Air System

vi. Oil Handling System

Bidders who are bidding for one package (either EBOP or MBOP) only, shall have to be single entity company only. However, bidders who shall bid for both packages combined, can be a single entity or a JV/Consortium duly constituted for this purpose.

In all cases, Bidders must demonstrate prior experience in the design, manufacture, supply, transportation, installation, testing, and commissioning of EBOP or MBOP or Complete EBOP and MBOP in hydro/thermal power projects, as further detailed in Clause 2.1.1(b) – Specific Experience.

Bidders who are not manufacturers, shall have to associate with a manufacturer for items mentioned in the respective packages. The bidder must furnish letter of authorization in the prescribed format provided in Bid forms from the proposed manufacturer duly signed by their authorized signatory.

Such manufacturer shall have to be approved Brand/model by major Electro-mechanical turbine -generator MANUFACTURING COMPANIES like BHEL/Andritz/GE/VOITH etc.

Technical Criteria:

(a) General Experience

1. **For EBOP Packages:** The bidder must have proven experience in Design, Manufacture, Supply, Transportation, Installation, Testing and Commissioning of Electrical Balance of Plant (EBOP) systems associated with hydro and thermal power projects. The bidder must demonstrate successful execution of EBOP items in hydro and thermal power projects with a value of at least NPR 10 Crores (Nepalese Rupees Ten Crores only) in the last 5 years.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, **Attachment-3** for General Experience in related business and shall attach copy(ies) of the following as evidence:

- Successfully commissioning Certificate issued by the respective Project Authorities/ Owner.
- Contract Agreement/PO/Work done certificate shall be submitted to verify the value as provisioned for EBOP to verify the value mentioned for General Experience.

2. **For MBOP packages:** The bidder must have proven experience as an EPC contractor in Design, Manufacture, Supply, Transportation, Installation, Testing and Commissioning of Mechanical Balance of Plant (MBOP) systems associated with hydro/thermal projects. The bidder must demonstrate successful execution of MBOP items in hydro/thermal projects with a value of at least NPR 10 Crores (Nepalese Rupees Ten Crores only) in the last 5 years.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, **Attachment-3** for General Experience in related business and shall attach copy(ies) of the following as evidence:

- Successfully commissioning Certificate issued by the respective Project Authorities/ Owner.
- Detailed BOQ/PO shall be submitted to verify the value as provisioned for MBOP to verify the value mentioned for General Experience.

3. **EBOP and MBOP Package (Combined):** The bidder either as a sole Company or JV/Consortium partners must have proven experience in Design, Manufacture, Supply, Transportation, Installation, Testing and Commissioning of EBOP and MBOP systems associated with hydro/thermal projects. The bidder must demonstrate successful execution of both EBOP and MBOP items in hydro/thermal projects with a value of at least NPR 15 Crores (Nepalese Rupees Fifteen Crores only) in the last 5 years.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, **Attachment-3** for General Experience in related business and shall attach copy(ies) of the following as evidence:

- Successfully commissioning Certificate issued by the respective Project Authorities/ Owner.
- Detailed BOQ/PO/Work done value shall be submitted to verify the value as provisioned for EBOP and MBOP to verify the value mentioned for General Experience.

Specific Technical Experience

i) For EBOP Packages:

The Bidder must have successfully executed **any three major EBOP items** as specified in Clause 2.1 in at least one hydro/thermal power project with capacity of 40 MW or more during the last five (5) years. The relevant project(s) must have been in successful commercial operation for at least one (1) year before the date of bid submission.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, Attachment-3 for Specific Experience in related business and shall attach copy(ies) of the following as evidence:

- Successfully commercial operation certificate duly signed, with date issued by the respective Project Authorities/ Owner.

ii) For MBOP Packages:

The Bidder, must have successfully executed any three major MBOP packages as specified in Clause 2.1 in least one hydro/thermal power project with capacity of 40 MW or more during the last five (5) years. The relevant project(s) must have been in successful commercial operation for at least one (1) year before the date of bid submission.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, Attachment-3 for Specific Experience in related business and shall attach copy(ies) of the following as evidence:

- Successfully commercial operation certificate duly signed, with date issued by the respective Project Authorities/ Owner.

iii) For EBOP and MBOP Packages (Combined)

The Bidder, (a sole company or JV/Consortium), must have successfully executed following works in any three major items of EBOP and three major items of MBOP as specified in Clause 2.1 in hydro/thermal power projects with individual capacity of 40 MW or more during the last five (5) years. The relevant project(s) with such EBoP works and MBOP works must have been in successful commercial operation for at least one (1) year before the date of bid submission.

The Bidder shall fulfil in the prescribed Qualification Form (s) as per Part 1 Section III Bid forms, Attachment-3 for Specific Experience in related business and shall attach

copy(ies) of the following as evidence:

- Successfully commercial operation certificate duly signed, with date issued by the respective Project Authorities/ Owner.

2.1.2. Financial Capacity

The sole bidder participating in either MBOP/EBOP, the average annual turnover in the preceding five (5) completed financial years as on the date of bid submission shall not be less than NPR 10 Crores and must have a positive Net Worth in last audited financial year.

In case of sole bidder/JV/Consortium participating for EBOP and MBOP (Combined), the average annual turnover in the preceding three (3) completed financial years as on the date of bid submission shall not be less than NPR 15 Crores and must have a positive Net Worth in last audited financial year.

2.1.3 Nature of Bidders (Joint Venture (JV) /Consortium Qualification Requirements)

Bidders are allowed to form Joint venture or Consortium only for Combined bid of EBOP and MBOP.

Experience of MBOP+EBOP (Combined) for all partners should collectively fulfil any three major items of EBOP & any three major items of MBOP as specified in clause 2.1.

A Joint Venture (JV)/Consortium shall comply with the following minimum qualification requirements:

JV Composition/Consortium

The number of partners in the Joint Venture/Consortium, including the Lead Partner, shall not exceed three (3).

Lead Partner Requirements

The Lead Partner shall individually satisfy the following:

- a. The General Experience criteria as specified in Clause 2.1.1(a). either EBOP/MBOP
- b. The Specific Technical Experience as specified in Clause 2.1.1(b); either EBOP/MBOP
- c. An average annual turnover of not less than 50% of the requirement specified in

Clause 2.1.2; and net worth should be positive.

Other Partner(s) Requirements

Each of the other partner(s) (non-lead) shall individually meet the following minimum requirements:

- 1) General Experience: As a prime contractor or partner of JV/consortium or subcontractor, must have experience in the design, manufacture, supply, installation, testing and commissioning complying clause 2.1.1 a) for either EBOP or MBOP.
- 2) Specific Experience: Must have relevant technical experience in the design, manufacture, supply, installation, testing and commissioning of any one major package of same EBOP/MBOP components for which is the partner is participating in the bid.

Financial Capacity

An average annual turnover of not less than 20% of the requirement in Clause 2.1.2 and net worth should be positive.