

# Invitation to Bid (ITB)

**Simple Energy Pvt. Ltd. (SEPL)** is pursuing several distributed solar rooftop projects in various locations of Nepal. SEPL intends to develop up to 8 MW solar rooftop projects within next 15 months. For the development of distributed PV solar projects SEPL requests for bid from the interested suppliers for the first phase of the project for 2.4 MWp.

**Bidders may submit bids for the supply of one or more components required for solar rooftop system:**

- Block 1 - Solar modules – 2.4 MWp
- Block 2 - On grid inverters, monitoring device, - 24 units (Minimum size of 100 kW)
- Block 3 - Solar modules mounting structures and – Trapezoid Adhesive Structures
- Block 4 - Balance of systems (DC cabling, DC and AC combiner boxes etc.). – Detailed out in the ITB.

**SEPL expects following minimum specifications from suppliers: (Detailed out in the ITB)**

- Solar PV modules: High efficiency tier 1 solar modules utilizing crystalline silicon solar PV cells. Power output guarantee offered for the SPV module shall not be less than 25 years. Individual solar module rating shall not be less than 500Wp. In addition, the modules must conform to IEC 61215, IEC 61730 Part 1 - requirements for construction & Part 2 - requirements for testing, for safety qualification.
- Inverters: Solar String Inverter with high efficiency (Maximum efficiency, EU/CEC >98%) and IP65 degree of protection. 100 kW minimum size
- Module Mounting structure: Aluminum rail or adhesive based structures
- DC Cables: Cu/PVC/XLPE EVA UV-resistant, single core multi- stranded flexible copper cables (rated for UV protection and conforming to IEC 60228 amended up to date.
- AC and DC combiner boxes - Detail in the ITB

Eligible Nepali firms or international firms can submit their bids.

Following documents are required to be submitted for Bid for non-pre-Qualified company. For Pre-Qualified companies a complete Bid will suffice.

- Profile of the supplier along with the list of past supplies and/or completed projects
- Project experience
- Documents, brochures, standards, catalogue, as applicable for proposed products, in support of pre-qualification (recognizing that the final selection of products may vary)
- Audited financial reports for the last 3 years – as applicable
- Copy of registration certificate, PAN and tax clearance certificate – as applicable

The applicant should not have been:

- Convicted by any court of law for an offence in relation to business dealings
- Blacklisted by any Public Organization and the World Bank
- Involved in any fraudulent activities

***Interested bidder may write to the email address provided below for the ITB document. Bid application documentation must be delivered in email within 29<sup>th</sup> December 2021, hard copy will not be accepted.***



A joint venture of  
**InfraCo Asia and Sara Urja Nepal**

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