

## INVITATION FOR BIDS

### Interstate Connected Utility Scale Solar Projects

**Publication date:** 07<sup>th</sup> Jan 2022

**Submission date:** 20<sup>th</sup> Jan 2022

**Country:** India

#### **Description of procurement:**

Balance of system package with land for ists connected solar projects (upto 1000mw) anywhere in india

#### **Scope of the Project:**

The scope includes the following:

- Identification, acquisition, and complete transfer of ownership/lease of encumbrance free land in favour of NTPC RE Ltd.
- Identifying and arranging Grid Connectivity at ISTS substation based on location of solar plant.
- All EPC works (excluding supply of Solar PV modules) required for Development of Solar PV Project along with power evacuation system and telemetry up to interconnecting grid substation as per detailed technical Specifications and applicable technical standards. PV modules (open category) shall be supplied as owner issued material by NTPC REL to BoS contactor at site. Module Mounting Structure (MMS) with Tracker technology shall be used
- Receipt and unloading of PV modules at site, storage, installation, testing and commissioning of Solar PV Modules.
- Project commissioning and Performance testing at metering point as per detailed technical Specifications.
- Supply of Mandatory spares.
- Operation & maintenance of complete Solar PV plant including Switchyard and power evacuation system till interconnecting grid substation (including grid substation bays) along with consumables and spare parts for a period of Three (03) years from the date of commissioning.

#### **Eligible production resources:**

- 1) The Bidder should have designed, supplied, erected/ supervised erection and commissioned/ supervised commissioning of Balance of System of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

- 2) The Bidder should be a developer of Solar Photo Voltaic (SPV) based grid connected power plant(s) of cumulative installed capacity of 40 MWp or higher, out of which at least one plant should have been of 10 MWp or higher capacity. The reference plant of 10 MWp or higher capacity must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

OR

- 3) **(A)** The Bidder should have executed in the last ten (10) years an industrial project either as developer or as EPC Contractor in the area of power/ steel/ oil and gas/ petro-chemical/ fertilizer/cement/coal mining including coal handling plant and/ or any other process industry, of minimum financial figure in a single project or single work and the same should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.
- 4) **(B)** The Bidder should have executed at least one (1) Electrical Sub-station of 33 kV or above voltage level, consisting of equipment such as 33kV or above voltage level circuit breakers and Power transformer, either as developer or as EPC Contractor which should be in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.
- 5) The bidder should be an Indian company registered in India and should be Group company/Holding Company/Subsidiary company of a firm meeting the requirement (s) of Clause 1.1 or 1.2 or 1.3 above. In such a case, Bidder shall furnish an Undertaking jointly executed by the firm qualified

#### Financial Requirement:

Total Quoted capacity	Minimum financial figure
50MW to 300MW	Rs 110 Crores (Indian Rupees One Hundred Ten Crores Only)
>300MW and up to 600MW	Rs 220 Crores (Indian Rupees Two Hundred Twenty Crores Only)

For more information, please email to [info@tenderingproject.es](mailto:info@tenderingproject.es)