

INVITATION FOR BIDS



**NTPC RENEWABLE ENERGY LIMITED
(A WHOLLY OWNED SUBSIDIARY OF NTPC LIMITED)**

CONTRACTS SERVICES

INVITATION FOR BIDS (IFB)

FOR

CONSTRUCTION POWER PACKAGE USING SOLAR PV SYSTEM FOR NTPC REL'S KHAVDA RE PARK

(Domestic Competitive Bidding)

IFB No.: NRE-CS-5779-004(CP1)-9

Date: 01.08.2022

ETS Portal Tender Search Code: NTPCREL-2022-TN0000017

Bidding Document No: NRE-CS-5779-004(CP1)-9

1.0 NTPC Renewable Energy Limited (NTPC REL) invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) basis for CONSTRUCTION POWER PACKAGE USING SOLAR PV SYSTEM FOR NTPC REL'S KHAVDA RE PARK

2.0 Brief Scope of Work:

1. Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading storage, installation, testing and commissioning of "Construction power package using solar PV System".
2. Solar Array capacity with fixed tilt module mounting structure and associated foundation-550 kWp.
3. Solar inverter (having MPPT feature) suitable for operation with AC Coupled Battery Energy Storage System (BESS) without grid connectivity: 500 kW (250 KW x 2). BESS is not in the scope of this package.
4. 415V ACDB for interconnection of Solar PV System, BESS and Load feeders with provision for future Utility grid and DG set connectivity.
5. Associated Electrical system, AC and DC Wiring, earthing and lightning protection
6. Pre-Engineered Building- 1 no. for the following purpose: -
 - a. For Housing inverter, ACDB
 - b. Air-conditioned office, Pantry, and toilet
 - c. Air-conditioned Conference room

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7. Chain link fencing - Total length of 1000 m
8. 415 V, 4-wire distribution line on 8 m tubular pole with aerial bunched cable– Total length of 5000 m
9. Street light 30 W Single LED luminaries embedded in the 415V tubular pole (for distribution lines) - 125 No.s, with outdoor control switchboards
10. WBM road- From main access road till control room
11. Comprehensive Operation & maintenance of Standalone Solar PV plant and associated facilities for a period of Three years from the date of commissioning of full Project capacity

3.0 NTPC REL intends to finance the subject package through Own Resources.

4.0 Detailed specification, Scope of work and Terms & Conditions are given in the bidding documents, which are available for examination and downloading at e-tender portal (as specified in this notice) and as per the following schedule:

ETS Portal Tender Search Code (TSC)	NTPCREL-2022-TN000017	
IFB Date	01.08.2022	
Period of Downloading of Bidding Documents	From 07.08.2022 TO 21.08.2022	
Last Date for receipt of queries from prospective Bidders	22.08.2022	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	06.09.2022	15:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	06.09.2022	15:30:00 (IST)
Cost of Bidding Documents in INR	INR 3,375/- (Indian Rupees Three Thousand Three Hundred Seventy Five only)	

No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified above.

5.0 All bids must be accompanied by Bid Security for an amount of INR 10 Lakhs as stipulated in the Bidding Documents.

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY IN A SEPARATE SEALED ENVELOPE SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND RETURNED TO THE BIDDER WITHOUT BEING OPENED. IN CASE, THE BID SECURITY IS SUBMITTED THROUGH ELECTRONIC FUND TRANSFER (EFT), BIDDER TO SUBMIT THE PROOF OF E-PAYMENT OF BID SECURITY EITHER IN SEPARATE SEALED ENVELOPE OR IN THE E-TENDERING PORTAL.

6.0 QUALIFYING REQUIREMENTS FOR BIDDERS

In addition to satisfactory fulfillment of the requirements stipulated under ITB (Instructions to Bidders), the following shall also apply:

1.0 TECHNICAL CRITERIA

The bidder should have executed projects in the last ten (10) years as EPC Contractor in the area of Solar PV Project (Ground Mounted/Roof-Top/Floating)/Wind Power Project/Battery Energy Storage Project/Sub-station or a combination of a value of **INR 465 Lakhs** (Indian Rupees Four Hundred and Sixty Five Lakhs Only) or more in a single project or single work and the same must be in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

Notes for Clause 1.0:

- a) Bidder shall submit certificate of successful completion and operation from the owner. In case the bidder has executed the project for its own use, a certificate from DISCOM/power procurement agency for commissioning date shall be submitted.
- b) Sub-Station shall be 11 kV or above voltage class and shall include transformer and switching device.
- c) Projects executed by bidder's group company, holding company or subsidiary company shall also be considered as bidder's experience for meeting the QR.
- d) Bidder shall also be considered qualified in case, the award for executing the reference works has been received by the bidder either directly from owner of plant or any other intermediary organization. However, a certificate from such owner of Plant or the intermediary organization shall be required to be furnished by the Bidder along with its techno-commercial bid in support of its claim of meeting requirement stipulated above. Further, certificate from owner of the plant shall also be furnished by the bidder along with the techno-commercial bid for the successful operation as stipulated above.

2.0 FINANCIAL CRITERIA

- 2.1** The average annual turnover of the Bidder, should not be less than INR 580 Lakhs (Indian Rupees Five Hundred and Eighty Lakhs only) for any three financial years out of the preceding five financial years as on date of techno-commercial bid opening.

In case a Bidder does not satisfy the annual turnover criteria, stipulated above on its own, its Holding Company would be required to meet the stipulated turnover requirements as above, provided that the Net Worth of such Holding Company as on the last day of the preceding financial year is at least equal to or more than the paid-up share capital of the Holding Company. In such an event, the Bidder would be required to furnish along with its Techno-Commercial Bid, a Letter of Undertaking from the Holding Company, supported by the Holding Company's Board Resolution, as per the format enclosed in the bid documents, pledging unconditional and irrevocable financial support for the execution of the Contract by the Bidder, in case of award.

- 2.2** Net Worth of the Bidder as on the last day of the preceding financial year should not be less than 100% (hundred percent) of Bidder's paid-up share capital. In case the Bidder does not satisfy the Net Worth criteria on its own, it can meet the requirement of Net worth based on

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the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable, the Net worth of the Bidder and its Subsidiary(ies) and/or Holding Company and/or Subsidiary(ies) of the Holding Company, in combined manner should not be less than 100% (hundred percent) of their total paid up share capital. However individually, their Net worth should not be less than 75% (seventy five percent) of their respective paid-up share capitals.

Net worth in combined manner shall be calculated as follows:

Net worth (combined) = $(X1+ X2+X3) / (Y1+Y2+Y3) \times 100$ where X1, X2, X3 are individual Net worth which should not be less than 75% of the respective paid-up share capitals and Y1, Y2, Y3 are individual paid up share capitals

2.3 In case the Bidder is not able to furnish its audited financial statements on standalone entity basis, the unaudited unconsolidated financial statements of the Bidder can be considered acceptable provided the Bidder further furnishes the following documents on substantiation of its qualification:

- a) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.
- b) Certificate from the CEO/ CFO of the Holding Company, as per the format enclosed in the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statement of the Holding Company.

In case where audited results for the last financial year as on date of techno commercial bid opening are not available, the financial results certified by a practicing Chartered Accountant shall be considered acceptable. In case the Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited result of any three out of five consecutive financial years preceding the last financial year shall be considered for evaluating financial parameters. Further, a certificate would be required from the CEO/CFO as per the format enclosed in the bidding documents stating that the financial results of the company are under audit as on techno-commercial bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

Notes:

- i. Net worth means the sum-total of the paid-up share capital and free reserves. Free reserves mean all reserves credited out of the profits and share premium account but does not include reserves credited out of the revaluation of the assets, write back of depreciation provision and amalgamation. Further any debit balance of Profit and Loss account and miscellaneous expenses to the extent not adjusted or written off, if any, shall be reduced from reserves and surplus.
- ii. Other income shall not be considered for arriving at annual turnover.
- iii. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
- iv. For Turnover indicated in foreign currency, the exchange rate as on seven (7) days prior to the date of Techno-commercial Bid opening shall be used.

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7.0 NTPC REL reserves the right to reject any or all bids or cancel/ withdraw the Invitation for Bids without assigning any reason whatsoever and in such case no bidder/ intending bidder shall have any claim arising out of such action.

8.0 Interested parties are required to get registered with M/s ISN Electronic Tender Services (ETS) website <https://www.bharat-electronictender.com> (if not already registered).

The cost of the bidding documents as mentioned above is required to be submitted in the form of a crossed account Payee Demand Draft in favour of “**NTPC Renewable Energy Limited**”, Payable at **Noida** at the address mentioned at para no. 11.0 below along with GSTIN and Organization ID registered with ETS. Interested Bidders can also pay for the cost of documents as mentioned above in the form of Electronic transfer/ NEFT Payments in the following account details of NTPC Renewable Energy Limited:

Account Number	921020013636047
IFSC Code	UTIB0000022
Name of Bank	Axis Bank
Branch Code	000022
Address	Axis Bank Ltd B2-B-3, Sector 16, Noida Gautam Buddha Nagar, UP 201301

In case of electronic fund transfer, the bidder shall be required to forward the copy of transfer receipt/ electronic transfer receipt from their registered E-mail ID to the concerned nodal officers of NTPC REL as mentioned below requesting for access for download of the bidding documents in working hours between Monday to Friday.

While carrying out online transfer, Bidders shall ensure to enter “Tender No. - Bidder Name” in the Text / Remarks / Reason field. Bidder shall intimate the details of same through email to Employer and also upload the details on ETS portal (Technical Bid Part) in the following format:

<p>Declaration for Payment of Cost of Bidding Document</p> <p>Tender Search Code: Bidder Name: UTR Reference: Amount: Date of Transfer: Transferor Bank:</p> <p align="right">(Signature of Bidder with Seal)</p>
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8.1 Issuance of Bid Documents to any Bidder shall not construe that such Bidder is considered to be qualified. The bids shall be submitted online. Bidder shall furnish Bid Security, Pass Phrases and

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Power of Attorney separately as detailed in Bidding Documents before the stipulated bid submission closing date and time at the address given below.

- 8.2** After registration with ETS and payment of the cost of bidding documents as above, a complete set of Bidding Documents may be downloaded by any interested Bidder from ETS Portal <https://www.bharat-electronictender.com> with Tender Search Code **NTPCREL-2022-TN000017**.

*Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code **NTPCREL-2022-TN000017** from website of ETS before closure of Bid Sale Period. If only free copy of Bidding Documents are downloaded from ETS portal or Bidding Documents are downloaded without confirmation or without generating official copy serial number, then the bidders will not be able to submit the bids.*

For technical assistance, interested parties may call ETS Helpdesk at 0124-4229071, 0124-4229072.

Note: No hard copy of Bidding Documents shall be issued.

- 9.0** Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.
- 10.0** Any 'Bidder from a country which shares a land border with India', as specified in the Bidding Documents, will be eligible to bid in this tender only if bidder is registered with the Competent Authority as mentioned in the Bidding Documents.

However, the said requirement of registration will not apply to bidders from those countries (even if sharing a land border with India) to which the Government of India has extended lines of credit or in which the Government of India is engaged in development projects.

11.0 ADDRESS FOR COMMUNICATION

Addl. General Manager (CS) / Senior Manager (CS)
Contracts Services
NTPC Renewable Energy Limited
4th Floor, NETRA Building
E-3, Ecotech-II, Udyog Vihar, Greater Noida
Gautam Buddha Nagar, Uttar Pradesh, India, Pin – 201306

Telephone No. +91-120-4946369, +91-8005499832
E-Mail: shailendra@ntpc.co.in / shomitsingh@ntpc.co.in

Corporate Identification Number: U40107DL2020GOI371032, Website: www.ntpcREL.co.in