

INVITATION FOR BID

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

CONTRACTS SERVICES

**INVITATION FOR BIDS (IFB)
FOR**

**POWER TRANSFORMER SUPPLY PACKAGE-I (NORTH BLOCK) UNDER DEVELOPMENT OF
4750MW SOLAR PARK AT KHAVDA, GUJARAT**

(Domestic Competitive Bidding)

IFB No.: NRE-CS-5779-004(TRF1)-9

Date: 10.05.2022

ETS Portal Tender Search Code: NTPCREL-2022-TN00008

Bidding Document No: NRE-CS-5779-004(TRF1)-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) for POWER TRANSFORMER SUPPLY PACKAGE-I (NORTH BLOCK) UNDER DEVELOPMENT OF 4750MW SOLAR PARK AT KHAVDA, GUJARAT.

2.0 BRIEF SCOPE OF WORK

The brief scope of work interalia includes the following:

I. Design, Engineering, Manufacturing, Supply, Testing, Packing and Forwarding, Transportation, Unloading, supervision of Erection and Commissioning of 315MVA,400/33/33kV Power Transformers along with required accessories as follows.

II. Supply, supervision of Erection and Commissioning of Main Equipment: -

a) 315MVA,400/33/33 kV Power Transformers	09 nos.
b) Fire Protection System for each Power Transformer.	09 nos.

III. Supply and Supervision of Installation of Spare Transformer: -

315MVA,400/33/33 kV Power Transformers	01 no.
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IV. Supply and Installation of various Monitoring and Testing Equipment/kit associated with Transformers.

V. Conducting Complete Routine and Type Test for the Transformers as per IEC 60076/IS 2026 including Short Circuit Test (if applicable).

*The detailed scope of work is as defined in the bidding document No.: **NRE-CS-5779-004(TRF1)-9***

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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:

IFB No.	NRE-CS-5779-004(TRF1)-9	
IFB Date	10.05.2022	
Period of Downloading of Bidding Documents	17.05.2022 to 01.06.2022 upto 1730 Hrs. (IST)	
Pre Bid Conference and Last Date for receipt of queries from prospective Bidders	03.06.2022	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	18.06.2022	14:30:00 (IST)
Date & Time of opening of Techno-Commercial Bid	18.06.2022	15:30:00 (IST)
Date and Time of start of Reverse Auction	Shall be Intimated separately by NTPC REL	
Cost of Bidding Documents in INR	INR 22,500/- (Indian Rupees Twenty-Two Thousand Five Hundred only)	

5.0 All bids must be accompanied by Bid Security for an amount of **INR 2,00,00,000/- (Indian Rupees Two Crore only)** in the form 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 SHALL NOT BE OPENED.

(Bidders who are unable to send the Original Bank Guarantee in physical form at the tender opening location, may adopt procedure given in Bidding documents)

5.1 Benefits to Micro and Small Enterprises (MSE) bidder: Applicable (relevant provisions of bidding documents may be referred).

5.2 'Class-I local suppliers' only are eligible to participate in this tender, as defined in the bidding documents/ Public Procurement (Preference to Make in India), Order 2017 and its subsequent amendments/ revisions issued by DPIIT. The bidders may apprise themselves of the relevant provisions of bidding documents in this regard before submission of their bids.

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6.0 Qualifying Requirements for Bidders:

The Bidder should meet the qualifying requirements stipulated under clause 1.0.

1.0 **TECHNICAL CRITERIA**

(a.) Bidder should have designed, manufactured and supplied at least two (2) nos (One each at two different installations) of 400kV or above voltage class transformers of at least 315 MVA capacity (either three-phase transformer as a single unit or single-phase transformer). The above transformers should have been in successful operation for at least two years prior to the date of techno-commercial bid opening.

And

(b.) Bidder should have its own facilities for conducting all routine and type tests as per IS 2026/IEC: 60076 (except short circuit test).

And

(c.) Any oil-filled Transformer of 200MVA or higher capacity (three-phase transformer or single-phase transformer) manufactured by Bidder should have been successfully short circuit tested.

Notes for Clause 1.0

- a. Equipment designed by the Bidder by itself or through its collaborator/associate for reference plant, shall also be considered for meeting the requirement of design.
- b. Bidder shall submit the certificate of supply and successful operation from the Owner.
- c. In case the award for the reference works has been received by the Bidder either directly from owner of plant/substation or any other intermediary organization, a certificate from such owner of plant/substation 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. Certificate from the owner of the plant/substation shall also be furnished by the Bidder for the successful operation of the reference plant/substation.
- d. Bidder shall submit the valid third-party accreditation certificate for in-house Testing Facilities/Laboratory for Routine and type test.
- e. Short circuit Test Report from an Internationally accredited Short circuit Testing laboratory/KEMA/ NHPTL/CPRI shall only be accepted.

2.0 **FINANCIAL CRITERIA**

2.1 The average annual turnover of the Bidder, should not be less than INR 120 crore (Indian Rupees One hundred and twenty Crore Only), for any three financial years out of the preceding five financial years as on the date of techno-commercial bid opening.

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In case a Bidder does not satisfy the average annual turnover criteria, stipulated at Clause 2.1 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 its 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% (one 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 the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable. In such a case, however 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% (one 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% (seventy five percent) 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:

- (i) Copies of the unaudited unconsolidated financial statements of the Bidder along with copies of the audited consolidated financial statements of its Holding Company.
- (ii) 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.

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Notes for Clause 2.0

- i. Net worth means the sum total of the paid up share capital and free reserves. Free reserves means 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.

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 website <https://www.bharat-electronictender.com> (if not registered already).

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 the 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:

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Declaration for Payment of Cost of Bidding Document

Tender Search Code:
Bidder Name:
UTR Reference:
Amount:
Date of Transfer:
Transferor Bank:

(Signature of Bidder with Seal)

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

- 8.1** Issuance of Bid Documents to any Bidder shall not construe that such Bidder is considered to be qualified. Bids shall be submitted online. Bidder shall furnish Bid Security, Pass Phrase and Power of Attorney separately offline 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-TN00008**.

Interested bidders are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- **NTPCREL-2022-TN00008** 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.

- 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.

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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 Budh Nagar, Uttar Pradesh, India, Pin-201306

Telephone No. +91-120-2356640, +91-120-4948330, +91-9650992805

Email: vinaygurudev@ntpc.co.in / abhishekbhattacharjee@ntpc.co.in/
kunalprasad@ntpc.co.in / or at office.

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