

## INVITATION FOR BID

**NTPC LIMITED  
(A GOVERNMENT OF INDIA ENTERPRISE)  
RENEWABLE ENERGY – CONTRACTS SERVICES, NOIDA.**

**INVITATION FOR BIDS (IFB)  
FOR  
Inverter-Transformer Package of Solapur Solar PV Project at Solapur in Maharashtra  
(Domestic Competitive Bidding)**

**IFB No.: RE-CS-5749-004(IT)-9**

**Date: 27.03.2020**

**Bidding Document No: RE-CS-5749-004(IT)-9**

**1.0 NTPC Ltd.** invites online bids from eligible bidders on Single Stage Two Envelope (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) with **Reverse Auction** for **Inverter-Transformer Package of Solapur Solar PV Project** at Solapur in Maharashtra.

### **2.0 BRIEF SCOPE OF WORK**

Scope of Inverter-Transformer Package includes the Design, engineering, manufacturing, supply, packing and forwarding, transportation, unloading, type testing and supervision of Installation & commissioning of Inverter-Transformer as per following details at NTPC Solapur, Distt Solapur Maharashtra

1. Converter duty inverter-transformer of minimum cumulative capacity 23 MVA as continuous at 50 Deg temperature having HV side voltage of 11 kV with individual size as per specification.
2. Supply of mandatory spares which also 1 nos of highest size inverter-transformer as per specification.
3. Supply of Nitrogen injected Fire Fighting System (NIFPS)
4. Supervision of Installation & Commissioning of Inverter-Transformer as well as NIFPS.

The detailed scope of work is as defined in the bidding document No.: **RE-CS-5749-004(IT)-9**.

**3.0** NTPC 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 sale at e-tender portal (as specified in this notice) and as per the following schedule:

IFB No.	<b>RE-CS-5749-004(IT)-9</b>
IFB Date	27.03.2020
Document Sale Commencement Date	31.03.2020



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Document Sale Close Date & Time	15.04.2020	17:00:00 (IST)
Last Date for receipt of queries from prospective Bidders	17.04.2020	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	29.04.2020	15:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	29.04.2020	15:30:00 (IST)
Date and Time of start of Reverse Auction	Shall be Intimated separately by NTPC	
Cost of Bidding Documents in INR	<b>INR 2,250/- (Indian Rupees Two Thousand Two Hundred and Fifty only)</b>	

**4.1** Prospective bidders are required to provide GSTIN number at the time of purchase of bidding documents.

**5.0** All bids must be accompanied by Bid Security for an amount of **INR 2,00,000/- (Indian Rupees Two Lakh 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 RETURNED TO THE BIDDER WITHOUT BEING OPENED.***

### **6.0 Qualifying Requirements for Bidders:**

In addition to the requirements stipulated under section Instruction to Bidder (ITB), the Bidder should also meet the qualifying requirements stipulated hereunder in Clause 1.0 and Clause 2.0:

#### **1.0 TECHNICAL CRITERIA**

**1.1** *The Bidder should have designed, manufactured and supplied grid connected Inverter-transformers of 11 kV or higher voltage class for cumulative capacity of 18 MVA or above, out of which at least one such supply order, for a single plant, should be of 5 MVA or above capacity. The reference plant in which solar inverter transformers of 5 MVA or above capacity (consisting of one or more) were supplied, must have been in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.*



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AND

*Bidder should have its own facilities for conducting all routine tests for transformers as per IS: 2026/IEC 60076.*

Notes for clause 1.0:

- a. *The Individual solar Inverter Transformer capacity of one (1) MVA or above shall only be considered for capacity determination in Clause 1.1.*
- b. *SPV based supply order for Roof-top solar power projects, which are grid connected, shall also be considered eligible for QR purposes.*
- c. *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 specified in Clause 1.1 above.*

### **2.0 FINANCIAL CRITERIA**

- 2.1 *The average annual turnover of the Bidder, should not be less than **INR 237 Lakh** (Indian Rupees Two Hundred Thirty Seven Lakh only) during the preceding three (3) 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 the strength of its Subsidiary(ies) and/or Holding Company and/or Subsidiaries of its Holding companies wherever applicable. In such 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% (hundred percent) of their total paid up share capital.*



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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 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 three 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 techno-commercial bid opening and the Certificate from a practicing Chartered Accountant certifying the financial parameters is not available.

### **Notes for Clause 2.0:**

- a. 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.
- b. Other income shall not be considered for arriving at annual turnover.



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- c. "Holding Company" and "Subsidiary" shall have the meaning ascribed to them as per Companies Act of India.
- d. For annual 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 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). After registration, a complete set of Bidding Documents may be downloaded by any interested Bidder from Portal <https://www.bharat-electronictender.com> with Tender Search Code **NTPC-2020-TN000008** after payment (non-refundable) of cost of the documents as mentioned above in the form of a crossed account Payee demand Draft in favour of "NTPC Ltd", payable at New Delhi at the address mentioned at para no.10.0 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:

Account Number	52142904702
IFSC Code	SBIN0020511
Name of the Bank	State Bank of India
Branch Code	20511
Address	Scope Complex Lodhi Road Branch Ground Floor, Core-6 Scope Complex Delhi-110003

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

8.1 Interested parties are required to ensure that they have downloaded the official copy of Bidding documents against Tender Search code- **NTPC-2020-TN000008** from abovementioned website without which they will not be able to submit their bids. For technical assistance call ETS Helpdesk at 0124-4229071, 0124-4229072.

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



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**8.2** 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, Integrity Pact, 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.

**9.0** Transfer of Bidding Documents purchased by one intending Bidder to another is not permissible.

**10.0 Address for communication:**

Deputy General Manager (Renewable Energy-Contract Services) / Addl. General Manager (Renewable Energy-Contract Services), NTPC Limited, Room No. 220, R&D Building, Engineering Office Complex (EOC) Annexe, A-8A, Sector-24, NOIDA, Distt. Gautam Budh Nagar, (UP), India, Pin - 201301 on Telephone No. +91-120-4947381, +91-120-4947376, Fax: +91-120-2410251;  
Email: [vinaygurudev@ntpc.co.in](mailto:vinaygurudev@ntpc.co.in)/ [shailendra@ntpc.co.in](mailto:shailendra@ntpc.co.in) or at office on all working days.

Corporate Identification Number: L40101DL1975GOI007966, Website: [www.ntpc.co.in](http://www.ntpc.co.in)

