

**INVITATION FOR BID**

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

**INVITATION FOR BIDS (IFB)  
FOR  
SCADA AND WMS PACKAGE FOR SOLAPUR SOLAR PV PROJECT IN MAHARASHTRA  
BID DOCUMENT NO. : RE-CS-5749-004(SW)-9  
(Domestic Competitive Bidding)**

**IFB No.: RE-CS-5749-004(SW)-9****Date: 15.04.2020****Bidding Document No: RE-CS-5749-004(SW)-9**

**1.0 NTPC Ltd.** invites online bids from eligible bidders on **Single Stage Two Envelope Basis** (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid) with **Reverse Auction** for **SCADA AND WMS PACKAGE FOR SOLAPUR SOLAR PV PROJECT IN MAHARASHTRA.**

**2.0 BRIEF SCOPE OF WORK**

*The Scope of Supply includes following equipment including applicable tests as per specifications.*

- 1. Supply, installation and commissioning of redundant RTU/DDC/PLC Based SCADA with Software, 1 OWS cum EWS, 1 OWS, 1 B&W Printer at main control room with RTU/ Remote I/O at Inverter Location and Ring network with all accessories, Panel, LIU, Power supplies etc.*
- 2. Supply and laying of communication and instrumentation cable*
- 3. Supply and installation of Weather Monitoring System consisting as per the specification*
- 4. Supply & installation of Microprocessor based Fire Alarm Panel with 5 Nos. multisensor smoke detector in the rooms buildings defined in the specification.*
- 5. Providing licenses for Remote Monitoring of SCADA*
- 6. One year Annual Maintenance Contract*

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

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**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(SW)-9</b>	
IFB Date	15.04.2020	
Period of Downloading of Bidding Documents	From 15.04.2020 to 11.05.2020	
Pre Bid Conference and Last Date for receipt of queries from prospective Bidders	14.05.2020	
Last Date and Time for receipt of bids comprising both Techno-Commercial Bid and Price Bid	28.05.2020	14:00:00 (IST)
Date & Time of opening of Techno-Commercial Bid	28.05.2020	14:30:00 (IST)
Date and Time of start of Reverse Auction	Shall be Intimated separately by NTPC	
Cost of Bidding Documents in INR	<b>INR 1125 (Indian Rupees One Thousand One Hundred Twenty Five only)</b>	

*Bidders to download official copy of bidding document from the ETS Portal.*

**4.1** No Queries from Bidders, whatsoever, shall be entertained by NTPC Ltd beyond the last date of receipt of Queries/ Pre-Bid Conference as specified above..

**4.2** 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 1,00,000/- (Indian Rupees One 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:**

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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 Bidder should have supplied and commissioned RTU\PLC\DCS based SCADA to Solar PV plant of 18 MW or above capacity, which must have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

#### **Note for Clause 1.0**

- a. Bidder shall submit a purchase order directly from the owner of the Plant or intermediary organization of that plant establishing the requirement of Clause 1.1 above.
- b. Bidder shall 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 67 Lakhs (Indian Rupees Sixty Seven Lakhs only)** during the preceding three (3) completed 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~~

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

### **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

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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 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 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 Ltd.", Payable at New Delhi at the address mentioned at para no.10.0 below along with GSTIN and Organization ID registered with ETS. 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 **NTPC-2020-TN000009**. Interested parties are required to ensure that they have downloaded the official copy of bidding documents against Tender Search code- **NTPC-2020-TN000009** from above mentioned website of ETS after getting registered with ETS without which they will not be able to submit their bids. For technical assistance call ETS Helpdesk at 0124-4229071, 0124-4229072.

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 of NTPC with details as below:

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 a copy of transfer receipt/electronic transfer receipt from their registered email ID to the

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concerned nodal officers of NTPC as mentioned below requesting access to download the bidding documents in working hours on all working days.

***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.

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

**10.0 Address for communication:**

Addl. General Manager (Renewable Energy-Contract Services) / 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. +91-120-2410880, +91-120-4947382, Fax: +91-120-2410251;

Email: [akgupta01@ntpc.co.in](mailto:akgupta01@ntpc.co.in)/[madhusmritidevchoudhry@ntpc.co.in](mailto:madhusmritidevchoudhry@ntpc.co.in) or at office.

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

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