

NTPC Limited
(A Government of India Enterprise)
(CORPORATE CONTRACTS, NOIDA)
INVITATION FOR BIDS (IFB)
FOR

**Pilot Project for Proof of Concept for DG replacement with BESS in
Dadri Stage-I**

(Domestic Competitive Bidding)

GEPNIC Tender Ref. No: 2025_NTPC_93801_1

Date: 14.01.2025

Bidding Document No: CS-0011-150A-9

1.0 NTPC invites on-line bids at Government e-procurement portal of NIC (GePNIC) at website-<https://eprocurementpc.nic.in/> on **Single Stage Two Envelope Basis (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid)** from eligible Bidders for aforesaid package, as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

Design, engineering, Procurement, Fabrication, Supply, Packing, Loading, Forwarding, Transportation, Unloading, Storage, Preservation, Freight, Insurance, Clearances, Custom or any other duty, Construction, Erection, Commissioning, Shop, Field Quality Tests and PG Test of proposed facilities in Pilot Project for Proof of Concept for DG replacement with BESS in NTPC Dadri Stage-I and Comprehensive Annual Maintenance Contract (CAMC) of BESS for a period of 10 years.

The detailed scope of work shall be as per specification and scope defined in the Bidding Document.

3.0 NTPC intends to finance the aforesaid Package through Own Resources.

4.0 Detailed specification, scope of work and terms & conditions are given in the Bidding Documents, which are available at the GePNIC (e-tender) portal at <https://eprocurementpc.nic.in/>. The Bidding Schedule* for the Tender is as under:

Issuance of IFB	14.01.2025
Documents Download Dates and Time	From 14.01.2025 at 1700 hrs (IST)
Last date for receipt of queries from bidders (if any)**	22.01.2025
Bid (both Techno-Commercial and Price) receipt date & time	Up to 1500 hrs (IST) on 10.02.2025
Date & Time for opening of Techno-Commercial bid	11.02.2025 at 1500 Hrs.(IST)
Date & Time for submission and opening of Price bid	Shall be intimated after opening of Techno-Commercial Bid.
Cost of Bidding Documents in INR	INR 4500/-

****Bidders are advised to visit the GePNIC (e-tender) portal of NTPC for updated bidding schedule of the Tender.***

**It is to be noted that “No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries/ Pre-Bid Conference (if applicable) as specified at GePNIC portal of NTPC”.

- 5.0** All bids must be accompanied by Bid Security for an amount of **INR 10,00,000/- (Indian Rupees Ten Lakhs only)** in the form as stipulated in the Bidding Documents.

ANY BID NOT ACCOMPANIED BY AN ACCEPTABLE BID SECURITY SHALL BE REJECTED BY THE EMPLOYER AS BEING NON-RESPONSIVE AND SHALL NOT BE OPENED.

- 6.0** A complete set of Bidding Documents may be downloaded by any interested Bidder from the e-Tender Portal as per specified schedule. The tender is invited under e-tendering process. The bidders can enroll themselves on the website <https://eprocurentpc.nic.in/>. The use of Digital Signature Certificate (DSC) Class-3 key is mandatory for e-tendering activities. Accordingly, bidders should have Digital Signature Certificate (DSC) key of Class 3 to participate in e-tendering. Bidders, if required, can obtain DSC Class-3 key from agencies authorized by Govt. of India. The e-Tender Portal also has the user manuals with detailed guidelines on enrolment and participation in the bidding process.

No hard copy of Bidding Documents shall be issued. Bids shall be submitted ONLY at the e-Tender Portal i.e. Government e-procurement portal of NIC (GePNIC) at address <https://eprocurentpc.nic.in/> (e-Tender Portal).

- 7.0 Qualifying Requirements for Bidders:**

Qualifying Requirement (QR) for subject package is attached as **Annexure-I** to this IFB.

- 8.0** Class-I local suppliers' and 'Class-II 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."

- 9.0** 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.

Further, any bidder (including bidder from India) having specified Transfer of Technology (ToT) arrangement with an entity from a country which shares a land border with India, will be eligible to bid only if the bidder is registered with the same competent authority.

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.

- 10.0** Transfer of Bidding Documents by one intending Bidder to another is not permissible.
- 11.0** Downloading/Issuance of Bidding Documents and /or submission of Bid shall not construe that bidder is considered qualified.
- 12.0** NTPC reserves the right to reject any or all bids or cancel/withdraw the Invitation for Bids (IFB) without assigning any reason whatsoever and in such case no bidder/intending bidder shall have any claim arising out of such action.

- 13.0 Address for Communication**

DGM (CS)/ AGM (CS)
NTPC Limited
Plot A-8A, Sector 24, Noida-201301
State of U.P. India
Contact: 7369000306/9650992301
e-mail: rupeshkumar@ntpc.co.in / abhishekjain02@ntpc.co.in
Websites: www.ntpctender.ntpc.co.in or www.ntpc.co.in
or <https://eprocurrentpc.nic.in/>

14.0 Registered Office

NTPC Limited
NTPC Bhawan, SCOPE Complex,
7, Institutional Area, Lodi Road,
New Delhi – 110003

Corporate Identification Number: L40101DL1975GOI007966,
Website: www.ntpc.co.in

QUALIFYING REQUIREMENTS(QR) FOR
PILOT PROJECT FOR PROOF OF CONCEPT FOR REPLACEMENT OF
DG SET WITH BESS IN DADRI STAGE-I

The bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clause 1.1 or 1.2. In addition, the bidder should also meet the requirements stipulated under clause 2.0 together with the requirements stipulated under section Instruction to Bidder (ITB).

1.0 Technical Criteria

1.1 Route-1:

The bidder should have designed, engineered, manufactured/got manufactured, erected/got erected, commissioned/supervised commissioning grid interactive Battery Energy Storage System (BESS) of cumulative installed capacity of minimum 2000 kWh in one or maximum 5 orders during last ten (10) years. At least one such reference project, having at least 700kWh capacity should be in successful operation for at least six (6) months prior to the date of techno-commercial bid opening.

1.2 Route-2:

The bidder should have executed projects in the last ten (10) years as EPC Contractor in the area of Battery Energy Storage Project /Solar PV Project (Ground Mounted/Roof Top/Floating)/Wind Power Project or a combination, of a value of INR 561 Lakhs (Indian Rupees Five Hundred and Sixty One 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.

Note for Clause 1.0

- i) The reference battery energy storage system of minimum 700 kWh capacity should be at a single location developed for the bidder itself or any other client.
- ii) Bidder shall submit certificate of successful completion and operation from the owner. Certificate issued by owner in the name of Bidder/intermediary organization shall be acceptable. 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.
- iii) If the value of the reference works indicated at clause 1.2 is in foreign currency, SBI Bill Selling exchange rate as on the date of award of the reference work shall be considered. In case the exchange rate as on the date of award is not available, the exchange rate as on the next available day shall be considered.

2.0. Financial Criteria

- 2.1 The average annual turnover of the Bidder, in the preceding three (3) financial years as on the date of Techno-Commercial bid opening, should not be less than INR 701 Lakh (Indian Rupees Seven Hundred and One Lakh Only) or in equivalent foreign currency.

In case a bidder does not satisfy the average 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 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% (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:

$$\text{Net worth (combined)} = ((X1+X2+X3) / (Y1+Y2+Y3)) \times 100$$

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 for 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) A Certificate from the CEO/CFO of the Holding Company, as per the format enclosed with the bidding documents, stating that the unaudited unconsolidated financial statements form part of the consolidated financial statements of the Holding Company.

In cases where audited results for the last financial year as on the 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 for Clause 2.0:

- 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 do 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 the value of the annual turnover indicated in foreign currency, the exchange rates as on seven (7) days prior to the date of Techno-commercial bid opening shall be used.