

NTPC Limited
(A Government of India Enterprise)
(CORPORATE CONTRACTS, NOIDA)

INVITATION FOR BIDS (IFB)
FOR

SOLAR PV AND BESS FOR ELECTRIC CREMATORIUM AT FARIDABAD
(Domestic Competitive Bidding)

GEPNIC Tender Ref. No.: 2025_NTPC_94691_1
Bidding Document No: CS-0011-170C-9

Date: 14.02.2025

1.0 NTPC Limited invites on-line bids at Government e-procurement portal of NIC (GePNIC) at website- <https://eprocurmentpc.nic.in/> on **Single Stage Two Envelope Basis (i.e. Envelope-I: Techno-Commercial Bid and Envelope-II: Price Bid)** from eligible Bidders for Solar PV and BESS for Electric Crematorium at Faridabad, 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 the proposed Solar Photovoltaic (PV) Power Generation Plant of 60 KWp-DC and Battery Energy Storage System (BESS) of nominal Capacity 75 kW/250 kWh and associated system to support the energy needs of an Electric Crematorium at Faridabad and Comprehensive Annual Maintenance Contract (CAMC) of Solar PV and BESS for a period of 3 years.

The detailed scope of work shall be as per specification and the scope of work defined in the bidding documents.

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 Government e-procurement portal of NIC (GePNIC) at website- <https://eprocurmentpc.nic.in/>. The bidding schedule* for the tender is as under:

Issuance of IFB	14.02.2025
Document Download start date	14.02.2025
Last date for receipt of queries from bidders (if any)	28.02.2025 upto 17:00hrs
Bid (both Techno-Commercial and Price) submission end date & time	Upto 20.03.2025 by 11:00 hrs. (IST)
Date & Time for opening of Envelop-I (Techno-Commercial bid)	20.03.2025 at 11:00 hrs. (IST)

Date & Time for opening of Envelop-II (Price bid)	Shall be intimated after opening of Techno- Commercial Bid.
Cost of Bidding Documents in INR	INR 2250/-

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 (if applicable) as specified at GePNIC portal of NTPC”

- 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 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. 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.

- 5.1 Acceptable Tender Fee payment proof shall be uploaded by all the bidder in the “Fee Cover” at the GePNIC Portal.

- 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://eprocurementpc.nic.in/>. The use of Digital Signature Certificate (DSC) Class3 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.

7.0 Qualifying Requirements for Bidders:

Qualifying Requirement (QR) for subject package is Attached as **Annexure-I**.

- 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 (Department for Promotion of Industry and Internal Trade). 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 downloaded by one intending Bidder to another is not permissible.
- 11.0** Downloading/ issuance of Bidding Documents to any bidder 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) for the subject package 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

Sr. Manager (CS)/ DGM (CS)
NTPC Limited
6th Floor, Engineering Office Complex,
Plot A-8A, Sector 24, Noida-201301,
State of U.P., India
Contact: 0120-494 6578/6526

E-mail : sonujikumar@ntpc.co.in /
Arvindkumar01@ntpc.co.in

Websites : <https://eprocurementpc.nic.in/> or
www.ntpctender.ntpc.co.in or
www.ntpc.co.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

Solar PV and BESS for Electric Crematorium at Faridabad

The bidder should meet the qualifying requirements of any one of the qualifying routes stipulated under clause 1.1 or 1.2 or 1.3. In addition, the bidder should also meet the requirements stipulated under clause 2.0 together with the requirements stipulated under section ITB.

1.0 Technical Criteria

1.1 Route-1:

The Bidder should have supplied, installed /got installed and commissioned/got commissioned Solar Photo Voltaic (SPV) based power plant of minimum cumulative capacity of 48 kWp, which should have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

1.2 Route-2:

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 200 kWh in one (1) or maximum five (5) orders. At least one (1) such reference project, having at least 100kWh capacity should have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

1.3 Route-3:

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 these, of a value of INR 1.20 Crores (Indian Rupees One Crore and Twenty Lakhs Only) or more in a single project or single work and the same should have been in successful operation for at least one (1) year prior to the date of techno-commercial bid opening.

Notes for Clause 1.0

- i) The reference battery energy storage system of minimum 100 kWh capacity (referred in Clause 1.2—Route-2) should be at a single location developed by the bidder for itself or any other client.
- ii) The value of executed works shall be given a simple weightage to bring them at current price level by adding 5% for each completed year (total number of days/365) after the end date of completion/execution/commissioning of the reference work, till the last day of month previous to one in which NIT has been invited. The specified value of executed works is excluding any taxes and duties.
- iii) Bidder shall submit certificate of successful operation from the owner of the plant or the intermediary organization in support of its claim for meeting the requirements stipulated at Clause 1.1 or 1.2 or 1.3 above, as applicable. 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. The required certificates shall be submitted by the bidder along with its

- techno commercial bid, failing which the bidder shall be disqualified, and its bid shall be rejected.
- iv) If the value of the executed works indicated at clause 1.3 is in foreign currency, SBI Bill Selling exchange rate as on the date of award of the reference plant shall be used. In case the exchange rate as on date of award of the reference plant is not available, the exchange rate as on the next available day shall be used.

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 1.50 Crores (Indian Rupees One Crore and Fifty 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 means 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, 2013.
- 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.