

NTPC Limited
(A Government of India Enterprise)
EOC NOIDA
INVITATION FOR BIDS (IFB)
FOR

**FGD WASTEWATER TREATMENT SYSTEM WORKS FOR NATIONAL CAPITAL THERMAL
POWER PLANT (NCTPP), DADRI, STAGE-II (2X490MW)**
(Domestic Competitive Bidding)

GEPNIC Tender Ref. No: 2024_NTPC_91861_1

Date: 07.11.2024

Bidding Document No: CS-6130-190-9

1.0 NTPC 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 aforesaid package, as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

The scope of the proposal for FGD Wastewater Treatment System Works (FGD WWTS) includes Design, Engineering, Supply, transportation & storage to & at site / work sites, Construction, Erection, Testing & Commissioning works of Complete FGD wastewater treatment system work including all Civil, Electrical and Control & Instrumentation works, etc. as specified in Technical specifications.

Salient Features of Major System & Equipment are as follows:

FGD wastewater treatment system shall be a common plant for treating the neutralized FGD wastewater generated from FGD system of both units of stage-II (2x490MW).

A) MECHANICAL WORKS:

- i) Primary treatment system consisting of settling tank with Scrapper mechanism and secondary treatment system consisting of sand filtration system associated with tanks and pumping system.
- ii) Sludge Handling system consisting of Sludge sump, Belt Press system and associated pumping system.
- iii) Air conditioning & Ventilation system.
- iv) Complete piping, pipe pedestals and/or pipe trestle, fittings, support, all associated valves etc. including hydro testing of piping system.

B) ELECTRICAL WORKS:

All associated Electrical drives & other Electrical works for the package as below-

- i) LT SWGR
- ii) LT Motors
- iii) Power cables and control cables
- iv) Earthing & Lightning protection
- v) Cabling, lighting

C) C&I WORKS:

- i) Complete control and instrument system for FGD WWTS.

D) CIVIL WORKS:

- i) Control & MCC Room
- ii) Structural steel shed and Belt Press Building.
- iii) Associated Civil, Structural & Architectural Works for various Equipment/Systems

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:

Issue of IFB	07.11.2024
Start of Documents download Date	07.11.2024
Last date for receipt of queries from bidders (if any)**	21.11.2024 upto 17:00 Hrs (IST)
Pre Bid Conference date & time	21.11.2024 at 1100 hrs (IST)
Bid receipt date & time for Envelope-I (Techno-Commercial) & Envelope-II (Price) bid	05.12.2024 upto 15:00 Hrs (IST)
Bid Opening Date & Time for Envelope-I (Techno-Commercial) bid	06.12.2024 at 15:00 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://eprocurementpc.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. <https://eprocurementpc.nic.in/>

7.0 **Qualifying Requirements for Bidders:**

Qualifying Requirements are enclosed at Annexure-A to IFB.

8.0 Only 'Class-I local suppliers' 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)/ Senior Manager (CS)
NTPC Limited,
CC&M, 6th Floor,
Engineering Office Complex (EOC),
A-8A, Sector-24, NOIDA,
Distt. Gautam Budh Nagar, (UP)
India, PIN – 201301
Email : sthareja@ntpc.co.in / arvindkumar01@ntpc.co.in
Phone: 0120-494-6551, 0120-494-6527

Websites: www.ntpctender.ntpc.co.in or www.ntpc.co.in
or <https://eprocurerntpc.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 FOR
FGD WASTE WATER TREATMENT SYSTEM WORKS OF NCTPP DADRI STPP
STAGE-II (2 X 490 MW)

In addition to the requirements stipulated in Section ITB (Instructions to Bidder), the following shall also apply:

1.0 TECHNICAL CRITERIA

Bidder should have designed, supplied, erected/supervised erection and commissioned/supervised commissioning at least one (1) number water/ waste-water treatment plant with a capacity of not less than 30 m³/hr, comprising of clarifiers/ tube settlers/ thickeners or a combination thereof including civil works. The plants should have been in successful operation for at least one (1) year prior to the date of Techno-Commercial bid opening.

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 **₹65 Million (Indian Rupees Sixty-Five Millions only), i.e. INR 6.5 Crore** or in equivalent foreign currency.

In case the 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 should not be less than 100% (hundred percent) of the bidder's paid up share capital as on the last day of the preceding financial year. In case the Bidder does not meet 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:

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 stand alone 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 in 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 preceding financial year as on the date of techno commercial bid opening are not available, certification of financial statements from a practicing Chartered Accountant shall also be considered acceptable. In case, Bidder is not able to submit the Certificate from a practicing Chartered Accountant certifying its financial parameters, the audited results of three consecutive financial years preceding the last financial year shall be considered for evaluating the 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 the date of Techno-commercial bid opening and the Certificate from the practicing Chartered Accountant certifying the financial parameters is not available.

NOTES FOR 2.0:

- (i) Net worth means the sum total of the paid up share capital and free reserves. Free reserve 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 Company" shall have the meaning ascribed to them as per Companies Act of India.
- (iv) For annual Turnover indicated in foreign currency, exchange rate as on seven (7) days prior to the Techno-Commercial bid opening shall be used.