

NTPC LIMITED
(A Government of India Enterprise)



INVITATION FOR BIDS (IFB)

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

INVITATION FOR BIDS (IFB)
FOR
Upgradation of C&I System of FGUTPP ST-II (2x210MW)
(Domestic Competitive Bidding)

GEPNIC Tender Ref. No: 2025_NTPC_94325_1

Date: 03.02.2025

Bidding Document No: CS-1430-405-9

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 **Upgradation of C&I System of FGUTPP-Unchahar St-II (2X210 MW) package**, as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

Design, Engineering, Re-engineering, Manufacturing, Refurbishment/Retrofitting, Fabrication, Assembly, Inspection and Pre-shipment Testing at supplier's works, Packing for transportation, Supply, Port Clearance, Port Handling & Port Charges, if any, forwarding to site, Inland transportation for delivery at site, inland transit insurance, unloading & Storage at site, installation, interconnection with related plant and equipment, calibration, testing, commissioning and putting the Control and Instrumentation System together with all accessories, auxiliaries and associated equipment, Performance & Guarantee test and handing over to the Employer complete Control and Instrumentation System comprising of

- UNIT DDCMIS for control monitoring and operation of main plant equipment comprising of SG-C&I (BMS, SADC, etc.), TG-C&I (TP including Over Speed Protection, EHC, TSC, ATRS, ATT, HP-LP BYPASS and Generator Auxiliaries etc.) and BOP C&I System (ID, FD , PA, APH, BFPs, CEP, APH, Heaters, etc.) , Electrical breakers.
- WATER SYSTEM DDCMIS for control monitoring and operation of common equipment at DM, PT & PT Chlorination, CW Chlorination, Electrical breakers.
- SAC DDCMIS for control monitoring and operation of common equipment of CW, Cooling Tower, Compressor, Electrical breakers.
- AHP DDCMIS for control monitoring and operation of common equipment at of AHP including Bottom Ash, ESP Hopper, Ash Silo, AWP, AWRS system, Electrical breakers.
- CHP DDCMIS for control monitoring and operation of CHP conveyor system, Pump House etc.
- FOPH DDCMIS for control monitoring and operation of Fuel Oil Pumping system.

Upgradation of C&I System of FGUTPP ST-II (2x210MW), BIDDING DOCUMENT NO.: CS-1430-405-9	SECTION -I
	INVITATION FOR BIDS (IFB)

- HMIPIS and Station LAN with Cyber security suite.
- Measuring Instruments like Electronic Transmitters, Temperature elements & Temperature transmitters, Radar Level Transmitter, Ultrasonic Level Transmitters, Vibration Monitoring system, Positioners, Analyzers, Switches for main plant and offsite areas, etc.
- Electric Power Supply Systems.
- Process Connection and Piping including LIEs/ LIRs
- Power cables, Control Cables, Instrumentation cables and special cables
- Control Desk, Panels, furniture and LVS.
- Main equipment (SG & TG) related special instrumentation system like Scanners, HEA Igniters, TSI, Auto Synchronizer, Over Speed Protection Modules & Load Transducers for Main Turbine and Generator.
- Tools and Tackles
- Mandatory Spares

This scope shall also include dismantling of Employer's equipment/systems at site, AMS for DDCMIS and training for employer's personnel etc. as per the specification and scope defined in the bidding documents.

The detailed scope of work shall be as per specification and scope defined in the Bidding Document for '**UPGRADATION OF C&I SYSTEM OF FGUTPP STAGE-II (2X210 MW)**'.

3.0 NTPC intends to finance the aforesaid Package through (*Domestic Funds/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	03.02.2025
Documents Sale Dates & Timings	From 03.02.2025
Last date for receipt of queries from bidders (if any)**	19.02.2025
Pre Bid Conference date & time	21.02. 2025 at 10:30 hrs (IST)
Bid (both Techno-Commercial and Price) receipt date & time	10.03.2025 upto 1600 hrs
Date & Time for opening of Techno-Commercial bid	11.03.2025 at 1600 Hrs.(IST)
Date & Time for opening of Price bid	Shall be intimated after opening of Techno-Commercial Bid.
Cost of Bidding Documents in INR	INR 22,500/- (Indian Rupees Twenty Two Thousand Five Hundred Only)

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

	SECTION - I
Upgradation of C&I System of FGUTPP ST-II (2x210MW), BIDDING DOCUMENT NO.: CS-1430-405-9	INVITATION FOR BIDS (IFB)

**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 2,00,00,000/- (Indian Rupees Two Crores 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.

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://eprocurrentpc.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://eprocurrentpc.nic.in/>

7.0 Qualifying Requirements for Bidders:

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

	SECTION -I
Upgradation of C&I System of FGUTPP ST-II (2x210MW), BIDDING DOCUMENT NO.: CS-1430-405-9	INVITATION FOR BIDS (IFB)

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**

AGM (CS)/Manager (CS)
NTPC Limited
Plot A-8A, Sector 24, Noida-201301
State of U.P. India
Contact: 0120-4946526/6579

e-mail: vbtotle@ntpc.co.in /nimithacm@ntpc.co.in

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

	SECTION -I
Upgradation of C&I System of FGUTPP ST-II (2x210MW), BIDDING DOCUMENT NO.: CS-1430-405-9	INVITATION FOR BIDS (IFB)