

CORPORATE CONTRACTS, NOIDA

INVITATION FOR BIDS (IFB)

FOR

BALANCE OF PLANT (BOP) PACKAGE

FOR

**NABINAGAR SUPER THERMAL POWER PROJECT STAGE-II (3X800 MW)
LOCATED AT**

DISTT. AURANGABAD, STATE OF BIHAR, INDIA

(International Competitive Bidding)

IFB No.: 2025_NTPC_95438_1

Bidding Document No.: CS-0371-001C-2

Date: 13.03.2025

- A.** NTPC invites on-line bids for Balance of Plant (BOP) Package for Nabinagar STPP Stage-II (3X800 MW), 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.

B. BRIEF SCOPE OF WORK

The Brief scope of work for the subject Balance of Plant (BOP) Package for Nabinagar STPP Stage-II (3X800 MW) is as follows:

Design, Engineering, Manufacture, Supply, Construction, Erection, Testing & Commissioning works for the BOP Package for Nabinagar STPP Stage-II (3 X 800 MW) on the basis of single point responsibility, completely covering the following activities and services in respect of CST, ACW, SACW system including equipment, Aux. CT associated civil works, Make-up water system, Raw Water system, Water treatment plant (including Pre-Treatment plant, DM Plant, chlorination (ClO₂) plant, Misc. Pumps Coal slurry settling pond, Zero Liquid Discharge System, ACW Chemical Treatment Systems) & LETP (including Wastewater RO system) and associated civil works including Effluent quality Monitoring System (EQMS), Coal and Biomass Handling Plant, Fuel oil (LDO) unloading, storage system & pressurizing system, Fire Detection & Protection System within plant boundary (including BTG switchyard & AHP areas), Air Conditioning & Ventilation Systems, Station Piping and APRDS Interconnection, Generator Busduct (IPBD) and associated equipment & MV Busduct (including BTG area), Auxiliary Transformer Indoor and outdoor (oil filled upto 16MVA) (including BTG area), MV Switchgear including BTG area & relay networking of entire plant, LT Switch gear, LT busduct (including BTG area), HT Power Cables (including BTG area), LT Power and Control Cables (including balance BTG area), DG Set of Main Plant, Cabling, earthing and lightning protection (including Balance BTG area, Illumination (including BTG area), Battery and battery charger, Construction power, Solar PV plant on roof tops of buildings (including BTG area), Fireproof cable penetration sealing system (including BTG area), Pipe / Cable Trestles & racks, all Control & Instrumentation (C&I) with DDCMIS including HMIPIS, Civil, Structural & Architectural works of earthing mat/grounding, Miscellaneous Buildings and other civil works including Plant Roads & Drains, underground facilities like drainage, sewerage,

dewatering, trenches, Packaged sewerage treatment plant, Rain Water Harvesting, etc. covered under the specifications.

Further brief scope of work also includes:

- a. Basic Engineering of the plant including preparation of Plant Definition Manuals.
- b. Detailed design of all the equipment and equipment system(s) including civil, structure steel & Architectural works included in bidder's scope.
- c. Providing engineering drawings, equipment sizing & performance data, instruction manuals, as built drawings and other information.
- d. Compliance with statutory requirements and obtaining clearances from statutory authorities, wherever required.
- e. Complete manufacturing including shop testing/type testing.
- f. The complete Civil, structural and architectural works
- g. Packing and transportation from the manufacturer's works to the site including logistic studies, insurance, customs clearance & port clearance, port charges, if any.
- h. Receipt, storage, preservation, handling and conservation of equipment at the site.
- i. Fabrication, pre-assembly, if any, erection, insurance, testing, commissioning and completion of facilities including putting into satisfactory operation all the equipment including successful completion of initial operation.
- j. Performance and guarantee tests along with initial operation.
- k. Supply of spares on FOR site basis.
- l. Reconciliation with Customs Authorities.
- m. Satisfactory conclusion of the Contract.
- n. Insurance and other requirements
- o. The plant shall be ZLD compliant

Note: Detailed scope of work has been specified in the bidding documents.

- C. NTPC intends to finance the aforesaid Package through Domestic Commercial Borrowings/Own Resources.
- D. 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	13.03.2025
Bidding Document No	CS-0371-001C-2
Start of Documents download Date	13.03.2025
Date, Time and venue for Pre-Bid conference	27.03.2025 at 11:00 Hrs (IST), NTPC Nabinagar
Last date for receipt of queries from bidders (if any)*	31.03.2025 upto 17:00 Hrs (IST)
Bid receipt date & time for Envelope-I (Techno-Commercial) & Envelope-II (Price) bid	15.04.2025 upto 15:00 Hrs (IST)

Bid Opening Date & Time for Envelope-I (Techno-Commercial) bid	16.04.2025 at 15:00 Hrs (IST)
Cost of Bidding Document	Rs. 22,500 (Rupees Twenty-Two Thousand Five Hundred only) for Indian Bidders and USD 500 (US Dollar Five Hundred only) for Foreign Bidders.
Bid Opening Date & Time for Envelope-II (Price) bid	Shall be intimated after opening of Envelope-I (Techno-Commercial) Bids.

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

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 as specified at GePNIC portal of NTPC.

- E.** All bids must be accompanied by Bid Security for an amount of **INR 50,00,00,000/- (Indian Rupees Fifty Crore only) or USD 5,688,900/- (US Dollars Five Million, Six Hundred Eighty Eight Thousand, Nine Hundred 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. 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.

- F.** 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/>

- G. Qualifying Requirements for Bidders (QR):**

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

- H.** Class-I local suppliers are only 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.

Only Class-I local suppliers are eligible to Bid. Bids received (if any) from Class-II Local Supplier / Non Local Supplier shall be out rightly rejected.

- I.** 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.

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

M. Address for Communication:

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