

NTPC LIMITED

(A Government of India Enterprise)



A Maharatna Company

**SINGRAULI SUPER THERMAL POWER
PROJECT STAGE-III (2 X 800 MW)**

BIDDING DOCUMENTS

FOR

**ASH SLURRY PIPES AND AWRS SYSTEM
PACKAGE**

SECTION - I, II, III, IV, V & VII

BIDDING DOCUMENT NO.: CS-1150-162-9

(This document is meant for the exclusive purpose of bidding against this Bid Document No. / Specification and shall not be transferred, reproduced or otherwise used for purposes other than that for which it is specifically issued).

SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2 X 800 MW)

BIDDING DOCUMENT NO.: CS-1150-162-9

FOR

**ASH SLURRY PIPES AND AWRS SYSTEM PACKAGE
SECTION - I, II, III, IV, V & VII**

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- 1a. **Envelope-I (Techno-Commercial)**
(Bid Form along with Attachments)
- 1b. **Envelope-II (Price)**
(Price attachments and Price Schedules)

Section-VII (Part 2 of 2)

2. Bid Security Form - Bank Guarantee
- 2a. Form of Insurance Surety Bond towards Bid Security
- 2b. Bid Security Form - Bank Guarantee
in case of Bid from Joint Venture - **Not Applicable**
- 2c. Bid Security Form - Letter of Credit - **Not Applicable**
- 3a. Form of Notification by the Employer to the Bidder
- 3b. Form of Sight Draft
4. Forms of Notification of Award
5. Form of Contract Agreement

6. Performance Security Form
- 6a. Performance Security Form in case of Contract awarded to Joint Venture - **Not Applicable**
- 6b. Insurance Surety Bond towards Performance Security
- 6c. Insurance Surety Bond towards Performance Security in case of Contract awarded to Joint Venture - **Not Applicable**
- 7.(i) Bank Guarantee Form for Advance Payment (For Supply-FOB/Ex-works)
- 7.(ii) Bank Guarantee for Advance Payment (For Installation Works)
- 7.(iii) Bank Guarantee Form for Advance Payment in case of Contract awarded to Joint Venture - **Not Applicable**
8. Form of Completion Certificate
9. Form of Operational Acceptance Certificate
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11. Forms of Indemnity-cum-Undertaking Agreement
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13. Form of Joint Deed of Undertaking - **Not Applicable**
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15. Form of Joint Venture/Consortium Agreement - **Not Applicable**
16. Form of Bank Guarantee/Insurance Surety Bond Verification Check Lists
17. Form of Extension of Bank Guarantee/Insurance Surety Bond
18. Form of Indemnity-cum-Undertaking Agreement for removal/disposal of surplus material
19. Form of Contract Closing Certificates
20. Forms of Absence of Conflict of Interest
21. BG forwarding letter from Bank to Unified Treasury in Bank's letterhead.

Acronyms

BDS	Bid Data Sheet
CIF	Cost, Insurance and Freight
CIP	Carriage and Insurance paid to (place)
CPM	Critical Path Method
EDI	Electronic Data Interchange
EXW	Ex factory, ex works or ex warehouse
FCA	Free Carrier
FOB	Free on Board
FOR	Free on Rail / Road
FP	Forms & Procedures
GCC	General Conditions of Contract
ICC	International Chamber of Commerce
IFB	Invitation for Bids
ITB	Instructions to Bidders
SCC	Special Conditions of Contract
TS	Technical Specifications and Drawings
UNCITRAL	United Nations Commission on International Trade Law
INCOTERMS	International Rules for Interpreting Trade Terms
DISCOMS	Electricity Distribution Companies
GST	Goods and Services Tax
C-Folder	Collaboration Folder of E-Tender Portal

Note : The terms EXW, CIF, etc. shall be governed by the rules prescribed in the current edition of INCOTERMS, published by the International Chamber of Commerce, Paris, France.

SECTION - I

INVITATION FOR BIDS (IFB)

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

INVITATION FOR BIDS (IFB)

FOR

SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2 X 800 MW)

FOR

ASH SLURRY PIPES AND AWRS SYSTEM PACKAGE

(Domestic Competitive Bidding)

Bidding Document No: CS-1150-162-9

Date: 21.11.2024

1.0 NTPC Limited invites on-line bids on **Single Stage Two Envelope Basis (i.e. Envelope-I: Techno-Commercial and Envelope-II: Price)** from eligible Bidders for Ash Slurry Pipes and AWRS System for **Singrauli Super Thermal Power Project Stage-III (2 X 800 MW)**, as per the scope of work briefly mentioned hereinafter.

2.0 Brief Scope of Work

The scope of Ash Disposal cum AWRS Package includes Design, Engineering, Supply, Construction, Erection, and Testing & Commissioning of complete Ash Disposal & Ash water recirculation systems, HT & LT Switchgear & Bus ducts including all Civil, Electrical and Control & Instrumentation works etc. as specified in technical specifications.

Salient Features of major system & equipment are as follows:

A) ASH DISPOSAL & AWRS SYSTEM (S1/S2 and Khadiya Dyke):

1) Supply, erection and commissioning of MS ERW combined ash slurry disposal piping from plant boundary to S1/S2 and khadiya dyke separately along with garlanding and routing of ash pipeline inside the disposal area, extensions into the dyke at number of discharge points complete with basalt lined pipe bends, structural steel supports etc.

2) **AWRS for khadiya Dyke** : Design, Engineering, Supply, erection and commissioning of Ash Water Recirculation System consists of Pumping system located inside khadiya ash dyke area, Piping (from plant boundary to Pump House) including valves, fittings, Supports, Pedestals, structural etc, EOT Crane for AWRS Pump House.

3) **AWRS for S1/S2 Dyke** : Design, Engineering, Supply, erection and commissioning of Ash Water Recirculation System consists of Pumping system located between S1 & S2 dyke, Piping (from plant boundary to Pump House) including valves, fittings, Supports, Pedestals, structural etc, EOT Crane for AWRS Pump House.

SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2 X 800 MW) BIDDING DOCUMENT NO.: CS-1150-162-9 FOR ASH SLURRY PIPES AND AWRS SYSTEM PACKAGE	SECTION-I INVITATION FOR BIDS (IFB)	PAGE 1 OF 4
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B) FUEL OIL UNLOADING SYSTEM:

1) Design, engineering, supply, erection and commissioning of fuel oil unloading system through rail, fuel oil unloading pump house, piping from fuel oil unloading pump house to fuel oil storage tank of Stg-III including valves, fittings, Supports, Pedestals, structural etc, EOT crane for fuel oil unloading pump house.

C) ELECTRICAL WORKS:

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

- 1) HT & LT SWGR & Bus ducts
- 2) Power cables and control cables
- 3) Earthing & Lightning protection
- 4) Cabling, lighting
- 5) Battery and Battery charger (If applicable).

D) C&I WORKS:

1) Measuring instruments, Motorized actuators, Instrumentation cables & PCP for fuel oil unloading, AWRS, etc.

E) 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 Government e-procurement portal of NIC (GePNIC) at website- <https://eprocurementpc.nic.in/> and as per the following schedule:

Issuance of IFB	23.11.2024
Document Download start date	23.11.2024
Pre-Bid Conference	09.12.2024, The pre-bid conference shall be held at SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2 X 800MW) site on date specified in IFB.
Last date for receipt of queries from bidders (if any) *	12.12.2024
Bid (both Techno-Commercial and Price) submission Start date & time	Upto 19.12.2024 by 10:00 hrs. (IST)
Bid (both Techno-Commercial and Price) submission end date & time	Upto 02.01.2025 by 15:00 hrs. (IST)
Date & Time for opening of Envelop-I (Techno-Commercial bid)	03.01.2025 at 15:00 hrs. (IST)
Date & Time for opening of Envelop-II (Price bid)	Shall be intimated after opening of Techno- Commercial Bid.

SINGRAULI SUPER THERMAL POWER PROJECT STAGE-III (2 X 800 MW) BIDDING DOCUMENT NO.: CS-1150-162-9 FOR ASH SLURRY PIPES AND AWRS SYSTEM PACKAGE	SECTION-I INVITATION FOR BIDS (IFB)	PAGE 2 OF 4
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Cost of Bidding Documents in INR	INR 22,500/-
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*No Queries from Bidders, whatsoever, shall be entertained by the Employer beyond the last date of receipt of Queries as specified above.

- 5.0 All bids must be accompanied by Bid security for an amount of INR 5,00,00,000/- (Indian Rupees Five Crores 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) Class-1 key is mandatory for e-tendering activities. Accordingly, bidders should have Digital Signature Certificate (DSC) key of Class 1 to participate in e-tendering. Bidders, if required, can obtain DSC Class-1 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 Requirement (QR) for subject package is Attached as **Annexure-I**.

- 7.1 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 (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.
- 7.2 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.

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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.

8.0 Class-I 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 MSE benefit not applicable.

11.0 Transfer of Bidding Documents by one intending Bidder to another is not permissible.

12.0 Downloading/Issuance of Bidding Documents and /or submission of Bid shall not construe that bidder is considered qualified.

13.0 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.

14.0 Address for Communication

DGM (CS)/ AGM (CS)
NTPC Limited
6th Floor, Engineering Office Complex,
Plot A-8A, Sector 24, Noida-201301,
State of U.P., India

Contact: 9423889925/9650992301

E-mail : psharao@ntpc.co.in /
abhishekjain02@ntpc.co.in
Websites : <https://eprocurementpc.nic.in/> or
www.ntpctender.ntpc.co.in or
www.ntpc.co.in

14.0 Registered Office

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NTPC Limited
NTPC Bhawan, SCOPE Complex, 7,
Institutional Area, Lodi Road, New
Delhi – 110003
Corporate Identification Number: L40101DL1975GOI007966, Website:
www.ntpc.co.in

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