



NTPC Limited

(A Govt. of India Enterprise)

(A Govt. of India Enterprise) INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR Collection, Transportation, Unloading & disposal of Conditioned Fly ash NTPC Vindhyachal Silos to Gorbi Mines, Singrauli, Madhya Pradesh

EOI No.: NTPC VSTPS/E01/2025 -26/

The work involves Collection of ash from silos of NTPC Vindhyachal, transportation and disposal to Gorbi mine voids through Rail cum Road (RCR Mode). Silos of stage-I&IV have direct rail loading facilities & other silos have truck loading facilities. The entire work has to be carried out in safe and environmentally friendly manner.

The detailed scope of work can be seen in **www.ntpctender.com**

The purpose of inviting this EOI is to seek interest from Ash Transporting agencies for fly ash transportation to Gorbi Mines by RCR (Rail cum Road) Mode.

'Information to Applicants' and 'Application Form and Annexures' for Expression of Interests have been uploaded on www.ntpctendencom. Interested Agencies may send/e-mail Application for E01 with required documentary evidence to GM (Ash Dyke management), NTPC Limited, Vindhyachal Super Thermal Power Station, P.O. Vindhyanagar, District-Singrauli-486885, Madhya Pradesh (**Email:sksingh23@ntpc.co.in, rahulverma@ntpc.co.in, ajraj कुमार@ntpc.co.in**)

Registered Office: NTPC Bhawan, Scope Complex, 7, Institutional Area, Lodi Road, New Delhi -110003. www.ntpc.co.in

Leading the Power Sector

NTPC Limited
(A Govt. of India Enterprise)



NTPC VINDHYACHAL

Invites

Expression of Interest
(EOI)

For

Bulk Collection, Transportation, Unloading & Disposal of
Conditioned Fly Ash (CFA)
To Gorbi Mines Pit-1 & 2

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NTPC VINDHYACHAL

Documents of EOI

This EOI document comprises of the following section:

1. Section I : Invitation for Expression of Interest
2. Section II : Information to Vendor / Transporters
3. Section III : Application Form & Annexures

Instructions to Agencies / Transporters:

- Agencies / Transporters should go through Section – I & Section – II thoroughly before filling and submitting the application.
- For expression of interest, Application form and annexures given in Section – III shall be filled and sent to NTPC Vindhyachalat following E-Mail ID sksingh23@ntpc.co.in & rahulverma@ntpc.co.in

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NTPC VINDHYACHAL

Section I
Invitation for Expression of Interest

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DETAILED NOTICE INVITING EXPRESSION FOR INTEREST (EOI)

EOI No.: NTPC VSTPS/EOI/2025 -26

Dated: 22.04.2025

Expression of Interest for bulk Collection, Transportation, Unloading & Disposal of Conditioned Fly Ash (CFA) from NTPC Vindhyachal to Gorbi Mine Pit 1&2

1. NTPC Vindhyachal invites Expression of interest (EOI) for bulk Collection, Transportation, unloading & disposal of Conditioned Fly ash, generated from NTPC Vindhyachal thermal power plant Located at Vindhyanagar, Singrauli, Madhya Pradesh.
2. The purpose of inviting this EOI is to seek interest from Transporting agencies for fly ash transportation to Gorbi Mines by RCR (Road cum Rail) Mode for 03 years.
3. After evaluating the response(s) received in this EoI, further modalities for work allocation / award of work will be done as per NTPC Works & Procurement Policy through transparent bidding / tendering process.
4. **Eligibility for Participation in EOI:** Government / Private Transporting Agencies who are having experience of Rail Cum Road mode (end to end).
5. **Download and Submission of EOI:** Interested agencies may download the documents of EOI free of cost from NTPC website: **www.ntpctender.com**
6. All Participants shall ensure that their EOI application is complete in all respects.
7. NTPC Vindhyachal reserves the right to reject or accept any or all applications, cancel / withdraw the EOI process without assigning any reason whatsoever and in such case, the participants shall not have any claim in this regard.

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NTPC VINDHYACHAL

Section II
Information to Participants

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1. **Introduction of NTPC Vindhyachal:** Vindhyachal STPP is a pit head coal based super thermal power plant of total capacity 4760 MW established in five Stages viz. Stage-I, II, III, IV & V. The station comprises of six units of 210 MW (Stage-I), two units of 500MW each of Stage-II, III and IV and one unit of 500MW of Stage-V, all units are under commercial operation. NTPC Vindhaychal daily average ash generation is approx. 24000 MT/day. The plant is located in Singrauli district of Madhya Pradesh, having a latitude and longitude of **24° 6' N and 82° 40' E** respectively.

Introduction of Gorbi-Pit: Gorbi pit void is the abandoned coal mine of Northern Coalfields Limited located in Singrauli District of Madhya Pradesh, having a latitude and longitude of **24°13'08.63 N & 82°34'51.49 E** respectively, situated at approximately 40 Kms from NTPC-VSTPS by Road. **Northern Coalfields Limited (NCL)** has provided the Gorbi coal mine pit to NTPC Vindhyachal Super Thermal Power Station for backfilling by fly ash. The nearest Railway station to Gorbi Pit-1 & 2 is Mahdeiya (MHDA), at a distance of approximately 2 km from Gorbi pit. The capacity of Gorbi Mine Void is 240 Lakh Metric Ton (LMT)

2. **Scope of Work:**

1) The work broadly comprises of **Seven** components, which are:

a) **Collection of Ash from VSTPP Plant:** Collection of Conditioned Fly ash from VSTPS Plant which can be either from

i. The Silos of Stage 1 and Stage 4 which have rail loading facilities.

(Say Source-1)

ii. The Silos of Stage 2 and/or Stage 3 and /or Stage 5 which do not have rail loading facility. **(Say Source-2)**

b) **Preparatory works to dispatch from Railway Siding:**

In case of collection from Source - 1: Indent placement to railways

Loading/filling of CFA to BOXN wagon Rail Rakes (to be arranged by the Participants) to the optimum weight at VSTP siding.

In case of collection from Source-2: Loading/filling of CFA to trucks and then transportation to VSTPS Shahpur siding.

Unloading CFA filled trucks near to VSTPS Shahpur siding, indent placement to railways and then loading to BOXN wagon Rail Rakes.

c) **Transportation through Railways,** of above loaded rakes from VSTPS to a Railway station nearest (Mahdeiya Station) to Gorbi mines in liaison with Indian Railways with environment friendly manner.

d) Unloading/Stacking of ash away from railway siding tracks & track cleaning at unloading siding

e) Loading of CFA on to trucks with water sprinkling, covering by tarpaulin and Transportation to the Gorbi Pit-I &II.

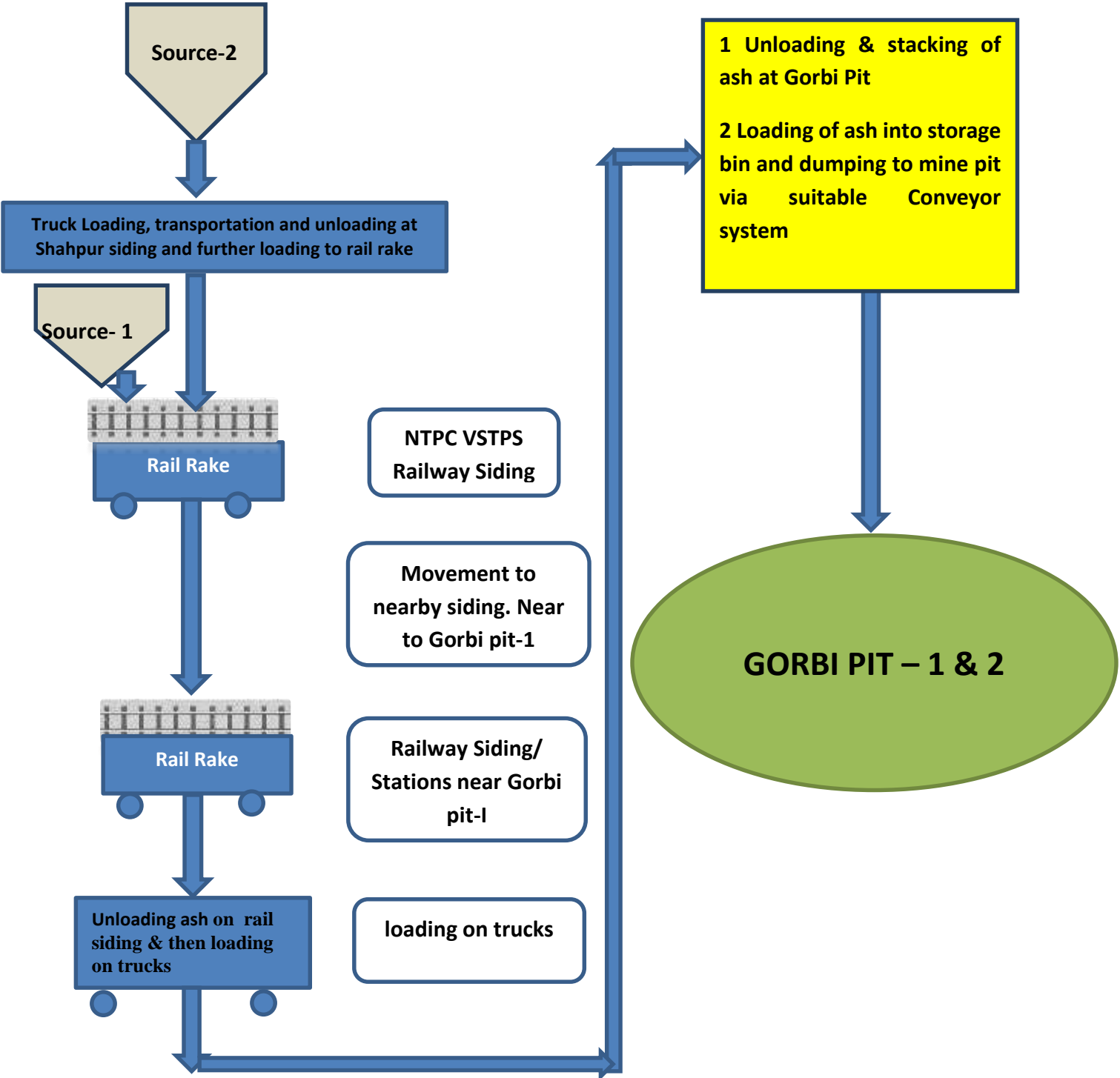
f) Unloading /restacking of CFA at Gorbi mine unloading platform.

g) **Disposal arrangement and Operation of the system:** Setting up a properly designed, Technically and environmentally safe arrangement at the Gorbi unloading platform for smooth and convenient disposal of the ash brought from

VSTPS after conveying the ash through Safe manner by a **suitable conveyor system** into identified area of the Gorbi pit for the purpose of mine back filling.

- 2) Compliance with Railway norms in respect of safety and free time allowed as well as all applicable statutory and environmental norms in all the activities undertaken.
- 3) Participants can refer to the illustrative map enclosed. It is recommended that they may also visit all the locations mentioned prior to submission of their application.
- 4) Minimum 02 ash rakes/ 8000 MT (approx.) to be disposed every day or Minimum 20 lakh MT per year (Considering 250 days in a year)
- 5) It is planned to have a contract for three years initially.
- 6) Arrangement of Trucks, Railway rakes for ash loading and evacuation, System design and construction of ash disposal system or any other Machinery/Structure, Pumps, blowers/compressors, Piping, liaisoning with Railways, Pollution control authorities, providing experienced O & M manpower shall be in the scope of agency including all capital expenditure.
- 7) Provision of Material Handling and Lifting Equipment, as may be required for handling and transportation of ash, Health, Safety and Environment (HSE) policy& applicable Road Transport standards shall also be in agency's scope.
- 8) Space / land required for the System to be established near Gorbi mine shall be provided by NTPC.
- 9) Participants shall also indicate their power supply requirements at Gorbi pit area so that NTPC can consider its arrangement.
- 10) While NTPC shall obtain the Consent to establish, Consent to operate – with regard to the system to be established at Gorbi Pit area and the Permission to fill the Mine etc, the participant shall also be required to facilitate and liaison with the concerned authorities for the same.
- 11) The total Operation should be carried out in Environment friendly manner without any ash leakage. Any special technological solution provided by the agency can be mentioned separately.

Work Process Sketch



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NTPC VINDHYACHAL

Section III
Application Form & Annexures

Instructions to Participants:

- Participants may note that this is an Expression of interest (EOI) to identify interested parties and further prepare for future tendering process for collection, transportation, Unloading & Disposal of Conditioned Fly Ash (CFA) at Gorbi Mines through RCR (Road cum Rail) Mode only.
 - For expression of interest, Application form and annexures given in Section – III shall be duly filled and sent to NTPC Vindhyachal by the participants.
 - Participants may go through Section – I and Section –II thoroughly before filling and submitting the application.
 - Application/Interest shall be submitted **at following E-Mail Id** within 21 days from the date of publication.
sksingh23@ntpc.co.in/rahulverma@ntpc.co.in
 - Participants will be required to quote rate for per MT transportation and mine filling by fly ash end to end, which shall necessarily take into account all costs involved for the entire scope of responsibility of the participants indicated in the EoI. Break – up of the rate against each component of the envisaged work as identified shall also be furnished by each participant.
 - Financial Data /costs shall be in Indian Currency.
- Technical Capabilities of Participants :**
- Participants is having experience of ash Transportation in RCR Mode.
 - If participants have a joint venture, then JV must have the experience of RCR mode of ash transportation.
 - Participants should have successful experience of RCR mode of ash transportation in last 03 years.
 - Participants should have the technical capability of disposal of ash into Mine Voids/Low lying/Cement industries/NHAI Road Projects and any other avenues as per MOEF Guidelines in environment friendly manner
 - Participants should have an experience of handling min 20 Ash rakes/month or average 250 ash rakes from more than 01 source in last 03 years.
 - Participants shall submit documentary evidence in support of their experience for the technical capabilities as mentioned above.

(Annexure 01)

(EXPRESSION OF INTEREST: APPLICATION FORM)

Ref No. -

Date:

To
General Manager, (Ash Dyke and Management)
NTPC Vindhyachal
District -Singrauli,
Madhya Pradesh – 486885

Dear Sir,

Sub: Expression of interest for bulk Collection, Transportation, Unloading & Disposal of conditioned fly ash (CFA) from NTPC Vindhyachal to Gorbi Mines.

We, the undersigned, express our interest in execution of bulk Collection, Transportation, Unloading & disposal of Conditioned Fly Ash to Gorbi Mines as mentioned in subject EOI and declare the following:

- a) We are duly authorized to represent and act on behalf of _____ (name of the agency).
- b) We have examined and have no reservations to the EOI document including amendment No(s) & Clarification No.(s) _____ (if any)
- c) With reference to the subject EOI dated _____ we are furnishing herewith all the required details as per the prescribed Annexures.
- d) NTPC and /or its authorized representative are hereby authorized to conduct any inquiries or investigations to verify the statement, documents and information submitted in connection with this application and to seek clarification from our clients.
- e) This application will also serve as authorization to seek/request information as deemed necessary from any individual or authorized representative of any institution referred in the supporting document provide by Transporting Agency.
- f) NTPC and / or its authorized representative may contact the following nodal persons for further information on any aspects of the application.

Name and designation of contact Person	Address for Communication	Telephone No/ Mobile No.	Email ID

- g) This application is made in full understanding that:
 - (i) Through this EOI, NTPC intends to identify interested and capable agencies for Collection, transportation, unloading & disposal of conditioned fly Ash to Gorbi mines pit-1 &2.
 - (ii) EOI process will be subjected to verification of all information, submitted by the agencies at the discretion of NTPC.
 - (iii) NTPC Ltd. Reserves the right to reject or accept any or all applications, cancel/withdraw the EOI process without assigning any reason whatsoever and in such case, transporting agency shall not have any claim arising out of such action.

- h) We declare that we have read and abide by the provision of fraud prevention policy of NTPC and submit the form of acceptance of fraud prevention policy duly filled as per NTPC's format.
- i) The undersigned declares that the statements made, and the information provided in the duly completed application are complete, true and correct in every detail.

- Filled Annexure-02 enclosed.

Signature

(Authorized Signatory)

(Office Stamp)

Date_____Name_____Designation_____

Place_____

Annexure-2

Format for Response to EOI

(On the Company's, letter head duly signed by Authorized Signatory with Company's Stamp)

EOI for bulk Collection, Transportation, Unloading & Disposal of Conditioned Fly Ash from NTPC Vindhyachal to Gorbi Mines pit-1 & 2

S.No.	Description	To be filled by Interested Agencies
1	Name of the Interested Agency	
2	Address	
3	Contact details: Name: Designation: Tel No (with STD code) Fax No Mobile No Email ID:	
4	Alternate Contact details: Name: Designation: Tel No (with STD code) Fax No Mobile No Email ID:	
5	Nature of Transporting Work	
6	Classification of company	<i>Public Limited</i> <input type="checkbox"/> <i>Partnership Limited</i> <input type="checkbox"/> <i>Private Limited</i> <input type="checkbox"/> <i>Government</i> <input type="checkbox"/> <i>Others (Please Specify)</i> <input type="checkbox"/>
7	Years of experience in the business	
8	Financial strength of last three years	<i>a. Annual Turnover.....</i> <i>b. Net Profit</i> <i>c. Net Worth.....</i>

9	Copies of RCR mode of Ash Transportation contracts executed in last three years.	
10	List of locations of Subject work under execution with the value of the Job and percentage Completion	
11	Whether Health, Safety & Env (HSE) policy and implementation procedures available (Yes/No)	
12	Whether willing to enter for 03 years Contract (Yes/No).	
14	Agency will be required to give budgetary quote for a) <i>“per tonne transportation of fly ash from Source-1”</i> b) <i>“per tonne transportation of fly ash from Source-2”</i> .	
15	Budgetary quote: Rs/ Tonne Including end to end (i.e Collection, Transportation, unloading & disposal of Conditioned Fly ash, generated from NTPC Vindhyachal to Gorbi pit in safe and environment friendly manner)	
16	Time required to Operationalise the system from the date of Award (As and when Tender for award is out in public domain) in number of Weeks	
17	Land requirement for the setting up the system at the Gorbi pit for disposal in square metres	
18	Land required for stacking of ash near Rail Line/siding. In Square metres	
19	Any suggestions /support required to/from NTPC	

Signature

(Authorized Signatory)
(Office Stamp)

Date _____ Name _____ Designation _____
Place _____

(Annexure 03)

Rail Route Map from NTPC-VSTPS to Gorbi



(Gorbi Mine-Void)

