

**NTPC Limited**  
**(A Govt. of India Enterprise)**



**NTPC VINDHYACHAL**

**Invites**

**Expression of Interest**  
**(EOI)**

**For**

**Bulk Transportation, Unloading & disposal of Fly ash**  
**To Gorbi Mines**

**NTPC Limited**  
**(A Govt. of India Enterprise)**



**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 [au\\_vindhyachal@ntpc.co.in](mailto:au_vindhyachal@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/2021 -22**

**Dated : 05.01.2022**

**Expression of Interest for Transportation, Unloading & disposal of Fly ash from NTPC Vindhyachal to Gorbi Mines.**

1. NTPC Vindhyachal invites Expression of interest (EOI) for Transportation, unloading & disposal of 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 (Rail cum Road) Mode on long term basis.
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 or Container Train Operators (CTOs).
5. **Download and Submission of EOI:** Interested agencies may download the documents of EOI free of cost from NTPC website: **[www.ntpctender.com](http://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 Vindhyachal 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°13'08.63N & 82°34'51.49E** 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. Nearest Railway station to Gorbi Pit-I is Mahdeiya (MHDA), at a distance of approximately 2 km from Gorbi pit.

2. **Scope of Work :**

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

- a) **Collection of Ash from VSTPP Plant:** Collection of Dry Fly ash in Technically and Statutorily suitable containers from VSTPS Plant – which can be **either** from

- i) “The Silos of Stage 1 and / or Stage 4 (which have rail loading facility)”, called “**Source – 14**” hence forth in this document, **or**,
- ii) “The Silos of Stage 2 and/or Stage 3 and / or Stage 5 (which do not have rail loading facility)”, called “**Source – 235**” henceforth in this document.

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

- i) **In case of collection from Source – 14:** Loading the filled up containers on to Rail Rakes (to be arranged by the Participants) at VSTP siding, **or**,
- ii) **In case of collection from Source – 235:** To transport the filled-up containers on Road trailers (Participant arranged) initially up to VSTP siding and then to load them on to Participant arranged Rail Rakes at VSTP Railway Siding.

- c) **Transportation thru Railways,** of above loaded rakes from VSTPS to a Railway station nearest to Gorbi mines in liaison with Indian Railways

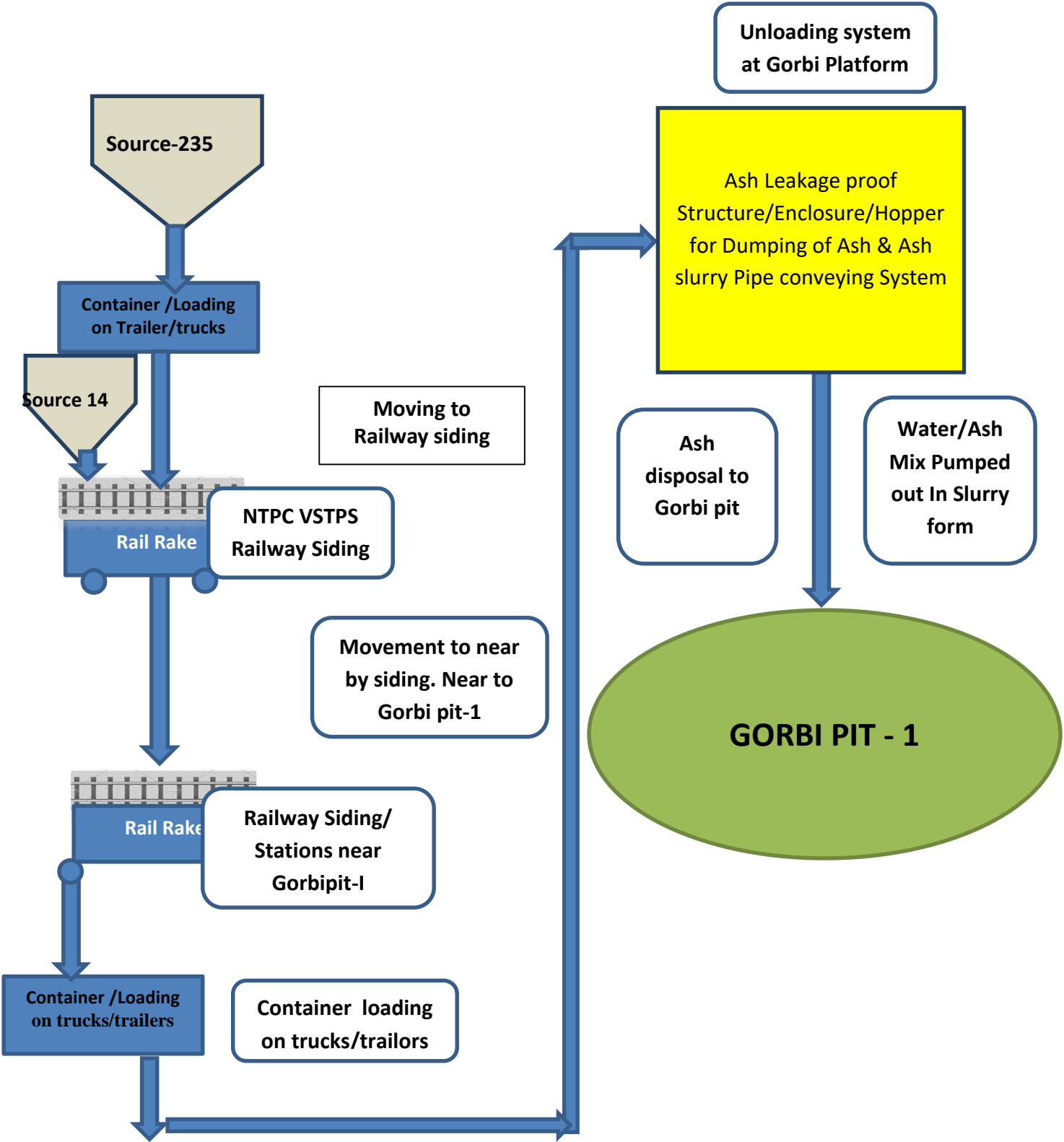
- d) **Unloading on to Road trailers and Transportation** of above containers from the above railway station to the Gorbi Unloading Platform area, and,

- e) **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 converting the same into slurry form into identified area of the Gorbi pit for the purpose of mine 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) Water for slurry preparation is available in the Gorbi mine pit, which is of pH 3.4 approx.
- 5) 01 rake/ 3000 MT to be disposed every day/10 lakhs MT per year.

- 6) It is planned to have contract for five years initially.
- 7) Arrangement of Truck trailers, Railway rakes, Customization of containers for ash loading and evacuation, System design and construction of ash disposal system in slurry form, Reachstaker/crane/Any other Machinery/Structure, Water/Slurry Pumps, blowers/compressors, Piping, Liasioning with Railways, Pollution control authorities, providing experienced O & M manpower shall be in the scope of agency including all capital expenditure.
- 8) Provision of Material Handling and Lifting Equipment, as may be required for handling and transportation of inventory/spare parts/equipment within fields asset as per the company's Health, Safety and Environment (HSE) policy& applicable Road Transport standards, shall also be in agency's scope.
- 9) Space / land required for the System to be established near Gorbi mine by the Participant shall be indicated by the participant so that NTPC can consider its arrangement.
- 10) Participants shall also indicate their power supply requirements at Gorbi pit area so that NTPC can consider its arrangement.
- 11) 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.
- 12) The total Operation should be carried out in Environment friendly manner without any ash leakage. Any special technology 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 transportation, Unloading & Disposal of fly ash at Gorbi Mines through RCR (Rail cum Road) Mode.
- 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 30 days from the date of publication.  
[au\\_vindhyachal@ntpc.co.in](mailto:au_vindhyachal@ntpc.co.in)
- Participants will be required to quote rate for per MT transportation and mine filling of fly ash, 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 of the Five components of the envisaged work as identified against Sl.No.1 of this document shall also be furnished by each participant.
- Financial Data /costs shall be in Indian Currency.
- Participants may need to carry out their concept demonstration at site / other location if required by NTPC. NTPC shall provide space for the same at site.
- Participants shall submit documentary evidence in support of their experience in this field of work.

**(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 Collection, Transportation, Unloading & disposal of Fly ash from NTPC Vindhyachal to Gorbi Mines.

We, the undersigned, express our interest in execution of Transportation, Unloading & disposal of 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 Transporting 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 the full understanding that:

- (i) Through this EOI, NTPC intends to identify interested and capable agencies for transporting, unloading & disposal of fly ash at Gorbi mines.
- (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 declare 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 Transportation, Unloading & disposal of Fly ash from NTPC Vindhyachal to Gorbi Mines**

S.No.	Description	To be filled by Interested Agencies
1	Name of the Interested Agency	
2	Address	
3	<b>Contact details:</b> Name: Designation: Tel No (with STD code) Fax No Mobile No Email ID:	
4	<b>Alternate Contact details:</b> 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="text"/> <i>Partnership Limited</i> <input type="text"/> <i>Private Limited</i> <input type="text"/> <i>Government</i> <input type="text"/> <i>Others (Please Specify)</i> <input type="text"/>
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 major Ash Transportation and Handling contracts executed in each of the preceding five years	
10	Whether Railway transportation contracts executed (Yes/ No)	
11	List of Major jobs under execution with the value of the Job and percentage Completion	
12	Whether Health, Safety & Env (HSE) policy and implementation procedures available (Yes/No)	
13	Whether Container Train Operator (CTO) License available with Agency or shall it be outsourced? (Yes/No)	
14	Whether willing to enter long Term MOU (Yes/No). If yes, please indicate minimum and maximum no of years	
15	<p>Agency will be required to give budgetary quote for following:</p> <p>a) <i>For per tonne transportation of fly ash as per point 1 scope of work where rail head available – <b>Source 14</b></i></p> <p>b) <i>For per tonne transportation of fly ash as per point 1 of scope of work where rail head not available– <b>Source 235</b></i></p>	
16	<p><b>Budgetary quote :</b></p> <p>a) Rs/ Tonne Including Rail freight – <b>Source 14</b></p> <p>b) Rs/ Tonne Including Rail freight – <b>Source 235</b></p> <p>c) Rs / Tonne without Rail Freight – <b>Source 14</b></p> <p>d) Rs / Tonne without Rail Freight – <b>Source 235</b></p>	
17	Time required to Operationalise the system from the date of Award (As and when Tender for award is out in public domain) <b>in number of Weeks</b>	
18	Rail distance and rail freight separately for the purpose of working out the future estimates, as per applicability of discounts/SFTO etc	

19	Land requirement for the setting up the system at/near the Gorbi pit for disposal <b>in Square metres</b>	
20	Land required for Container depot near Rail Line/siding. <b>In Square metres</b>	
21	Whether the ash disposal work at Gorbi pit shall be done by the Participant or whether it will be outsourced (Yes/No)	
22	<p>If the Participant intends to submit tender on its own and after award of work in tendering, intend to sublet a portion of the work, then the following details may be furnished in respect of sub-agency for prior assessment of NTPC</p> <p>a) <i>Name of Sub-Agency to whom the work is to be sub-let</i></p> <p>b) <i>Scope of work &amp; corresponding cost of work to be sublet</i></p> <p>c) <i>Experience details for such scope of work for subletting and Financial Turnover of Sub-agency</i></p>	
23	<p>If the Participant intends to associate/collaborate with an Associate for some portion of work prior to tendering to meet NTPC Qualifying Requirement of tender, then following details may be submitted in respect of Associate to enable NTPC to assess the contents of Qualifying Requirements:</p> <p>a) <i>The experience details &amp; Financial Turnover of Associate for such portion for work.</i></p> <p>b) <i>Approx. Cost and Quantity / Cost calculations for such scope of work</i></p> <p>c) <i>Unequivocal Consent of Associate for such scope of work may be attached in their Application. Consent should also include the confirmation for submission of Bank Guarantee in NTPC Tender, if required.</i></p>	
24	Any suggestions /support required to/from NTPC	

Signature

(Authorized Signatory)  
(Office Stamp)

Date\_\_\_\_\_Name\_\_\_\_\_Designation\_\_\_\_\_  
Place\_\_\_\_\_

### Rail Route Map from NTPC-VSTPS to Gorbi

