

(INVITATION FOR EXPRESSION OF INTEREST)

NTPC Limited
(A Govt. of India enterprise)



Invites

**Expression of Interest
(EOI)**

For

Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

(INVITATION FOR EXPRESSION OF INTEREST)



DOCUMENTS OF EOI

This EOI document comprises of the following sections:

- (i) Section-I : Invitation for Expression of Interest
- (ii) Section-II: Information to Applicants
- (iii) Section-III: Application Form and Annexures

Instructions to APPLICANTS

- Applicants should go through Section-I and Section-II thoroughly before filling and submitting the application.
- For expression of interest, Application Form and Annexures given in Section-III shall be duly filled and sent to NTPC Ltd by the APPLICANT in soft copy.

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SECTION-I:

INVITATION FOR EXPRESSION OF INTEREST

Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

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DETAILED NOTICE INVITING EXPRESSION OF INTEREST (EOI)

EOI No.: AM-NI/2022-23/001

Date: 19.07.2022

Expression of Interest for Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

- 1.0 NTPC Ltd. is the largest power generating company in India having total installed capacity of 69,061 MW (including JVs). The company is engaged in the business of generation and sale of bulk power. With its operation of coal based power stations, NTPC Limited produces approx. 80 Million Tons of Ash annually. To utilize the Ash in gainful and sustainable manner as per the provisions of extant MOEF&CC Gazette Notifications, NTPC is in the process of setting up multiple Ash to Coarse & Fine aggregate plants at different NTPC stations using various technologies.
- 2.0 In furtherance to above, NTPC invites Expression of Interest (EOI) from willing applicants for the setting up an Ash to coarse aggregate plant at NTPC, Simhadri (Approx. 35 Kms from Vishakhapatnam). Basic process and mix proportion of various input ingredients will be provided by NTPC.
- 3.0 After identifying the APPLICANTS through EOI, NTPC may come out with a detailed tender for the same.

4.0 Eligibility for Participation in EOI

- A. Brick plant Manufacturer/ CLC / AAC Block plant Manufacturer/ RMC (Ready Mix plant) plant manufacturer/ crushing equipment manufacturer / Manufactured aggregate plant manufacturer / Other Industries/ Entrepreneurs/ Sole Proprietorships / Partnerships / Limited Liability Partnerships / Consortium / Cooperative Societies / Registered trust/ Government Agencies/Government or Private Companies of Neighboring Countries /India (herein after called APPLICANT) having experience in setting up Brick Plant / RMC Plant / cement plant / crushing plant / Manufactured aggregate plant etc, and having GSTIN and PAN (in case of Indian entity) or similar documents for their respective countries has to be submitted if the applicant is not an Indian entity shall be eligible to participate in EOI.
- B. The APPLICANT should be of minimum 21 years of age (in case of individual APPLICANT).

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5.0 **DOWNLOAD AND SUBMISSION OF EOI**

- A. Interested APPLICANTS may download the documents of EOI free of cost from www.ntpctender.com.
- B. APPLICANTS may send their queries related with EOI through e-mail ashinfo@ntpc.co.in, bhaskaranand01@ntpc.co.in.
- C. The APPLICANT is required to submit his EOI application complete in all respect in soft form. The copy of EOI application shall be e-mailed to following:- ashinfo@ntpc.co.in, bhaskaranand01@ntpc.co.in.
- D. **Date of publication of EOI** : **19th July 2022**
- E. **Last date for submission of Application** : **08th Aug 2022**
- F. **Response Validity Date** : **180 Days from Last of submission of EOI**
- G. **For consideration of EOI, APPLICANT is required to submit softcopy of EOI through e-mail till 08th Aug 2022.**

6.0 APPLICANT shall ensure that EOI application is complete in all respect.

7.0 NTPC 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, APPLICANT shall not have any claim arising out of such action.

8.0 **Queries**

APPLICANTS may send their queries related with EOI through e-mail at ashinfo@ntpc.co.in, bhaskaranand01@ntpc.co.in.

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SECTION-II: INFORMATION TO APPLICANTS

Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

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1.0 INTRODUCTION

NTPC Ltd. is the largest power generating company in India having total installed capacity of 69,061 MW (including JVs). The company is engaged in the business of generation and sale of bulk power. With its operation of coal based power stations, NTPC Limited produces approx. 80 Million Tons of Ash annually. NTPC strives to utilize the Ash in gainful and sustainable manner as per the provisions of extant MOEF&CC Gazette Notifications.

Objective of EOI :

NTPC has ventured into production of manufactured coarse aggregate from ash. The basic process for the product mentioned in this Eoi, involves production of homogenous self-compacting paste from mixing fine fly ash, cement, water and admixture, which will be used to cast boulders. These boulders will be subjected to accelerated curing to gain early strength. The boulders will then be crushed to get aggregate of desired size. Pictorial representation of production process for better understanding (only) is attached as "Annexure-A".

NTPC has already produced coarse aggregate on small scale using this process. The boulders produced were tested for various parameters including compressive strength. Minimum compressive strength for the boulder was 50 MPa and 28 days compressive strength of concrete produced using this aggregate was 40 MPa. For demonstrating the technology, a two-storey building at NTPC Simhadri was constructed in 2019 and tests as per IS were conducted on the building by NCCBM. The result of tests was found satisfactory. If desired, building may be visited by interested applicant.

Trial production using the process mentioned above is currently being done at NTPC Sipat, Chhattisgarh, on small scale. If desired, the applicant may visit NTPC Sipat for witnessing the process.

NTPC now plans to setup a fully automatic ash to aggregate plant of approx. 10 M³ per hour production capacity at NTPC, Simhadri. NTPC Simhadri is situated in Visakhapatnam district, Andhra Pradesh. There will be approximately 20 % loss in crushing stage. The capacity mentioned above, is for final product.

The design of plant should be in such a way that operation should involve minimum manual intervention and should be safe & environment friendly. The proposal submitted in response to this Eoi should be on "Execution of project on turnkey basis comprising of design, engineering, manufacturing, supply, transportation, erection, commissioning, PG testing and operation for 6 months after commissioning".

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Interested applicant submitting their proposal may indicate their preference for scope of civil works associated with the plant, i.e; whether it should be kept in bidder's scope or owner's scope.

Interested applicant may submit their detailed proposal along with their scope, basic engineering & budgetary offer in broad head of items.

2.0 APPLICATION OF EOI: -

The application of EOI is given in section-III of this document which comprises of the following:

A) Form of Application:

The Application Form elicits the interest and extent of participation of the applicant(s) in the intended tender as the case may be and shall be submitted by an authorised representative of the agency / individual on its official stationery.

B) Annexures:

Following are the annexures required to be filled and submitted by APPLICANT along with application form.

- a. Annexure -1:** Application Form
- b. Annexure- 2:** Applicant's Profile
- c. Annexure- 3:** Acceptance of Fraud Prevention Policy of NTPC / NTPC
- d. Annexure- 4:** Any other information

Note-

- Applicants should go through Section-I and Section-II thoroughly before filling and submitting the application.
- For Expression of Interest, Application Form and Annexures given in Section-III shall be duly filled and sent to NTPC by the APPLICANTS in soft copy through e-mail.

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SECTION-III: APPLICATION FORM AND ANNEXURES

Setting up of Ash to Coarse aggregate plant at NTPC, Simhadri

(INVITATION FOR EXPRESSION OF INTEREST)

Instructions to APPLICANTS

- This is Expression of Interest (EOI) to identify interested for setting up a fully automatic ash to aggregate plant approx. 10 M³ per hour production capacity at NTPC, Simhadri.
- For expression of interest, Application Form and Annexures given in Section-III shall be duly filled and sent to NTPC by the APPLICANT in soft copy.
- Applicants should go through Section-I and Section-II thoroughly before filling and submitting the application.
- Along with submission of application & form, Applicant must ensure that they have provided following information without which EOI shall be rejected:
 - GSTN and PAN (in case of Indian entity) of firm (or individual if applying as individual) and supporting documents of the same or similar documents for their respective countries has to be submitted if the applicant is not an Indian entity.
 - Undertaking in regard of obtaining necessary clearances / licenses from Government departments / agencies (if required) of respective countries.
 - Address/ Contact number/ e-mail address/ Name of Contact person.

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(EXPRESSION OF INTEREST: APPLICATION FORM)

(To be submitted on APPLICANT's Letter Head but letter head is not required if applying as individual.)

Ref No.

Date:

**Sr. Manager (Ash Management)
NTPC Limited, Plot No. A-8A,
Sector 24, Block A, Noida,
Uttar Pradesh-201301, INDIA.**

Dear Sir,

Sub: Expression of Interest for setting up a fully automatic ash to aggregate plant of approx. 10 M³ per hour production capacity at NTPC, Simhadri.

We, the undersigned, express our interest for the subject EOI and declare the following:

- (a) We are duly authorized to represent and act on behalf of _____ (name of the firm/company/individual).
- (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 your invitation for EOI dated _____, we are furnishing herewith all the required details as per the prescribed Annexures.
- (d) We hereby express our willingness to participate in RFP/ forth coming tender as and when NTPC Ltd invite the same.
- (e) NTPC and /or its authorized representatives are hereby authorized to conduct any inquiries or investigations to verify the statements, documents and information submitted in connection with this application and to seek clarifications from our bankers/suppliers and clients.
- (f) 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 provided by APPLICANT.

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(Annexure-1)

(g) NTPC and /or its authorized representatives 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	Email ID

(h) This application is made in the full understanding that:

Through this EOI, NTPC intends to identify interested and capable parties in India/ neighbouring countries for setting up a fully automatic ash to aggregate plant 10 M³ per hour production capacity at NTPC, Simhadri. This EOI is not intended for empanelment of APPLICANT or pre-qualification of APPLICANT.

1. EOI process will be subject to verification of all information submitted at the discretion of NTPC.
 2. 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, APPLICANT shall not have any claim arising out of such action.
- (i) We declare that we have read and abide by the provisions of Fraud Prevention Policy of NTPC and submit the form of Acceptance of Fraud Prevention Policy duly filled as per NTPC's format.
- (j) The undersigned declare that the statements made and the information provided in the duly completed application are complete, true and correct in every detail.

SIGNATURE

(AUTHORISED SIGNATORY)

(OFFICE STAMP)

DATE _____ NAME _____ DESIGNATION _____

PLACE _____

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Applicant's Profile

1. **Name of the interested party:**
2. **Address** :
3. **Nature of Business** : (Tick the correct box)
Cement Plant Manufacturer
Brick / Block Plant Manufacturer
Crusher plant manufacturer
Ready mix concrete plant manufacturer
Manufactured aggregate plant manufacturer
Ash based products Please Specify :
Others Please Specify :
4. **Classification of Company**
Public Limited
Partnership Limited
Private Limited
Others Please Specify :
5. **Contact Details** NAME:
 DESIGNATION:
 MOBILE NO.:
 EMAIL-ID:
6. Years of experience in the business:
7. Annual Turnover
8. Details of recently executed projects along with project cost, similar to categories mentioned in eligibility section (section -1, clause 4 (A)) :
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(FORM FOR ACCEPTANCE OF FRAUD PREVENTION POLICY)

We have read the contents of Fraud Prevention Policy of NTPC displayed on the tender website <https://ntpctender.ntpc.co.in/> and undertake that we shall strictly abide by the provisions of Fraud Prevention Policy of NTPC.

SIGNATURE

(AUTHORISED SIGNATORY)

(OFFICE STAMP)

DATE _____ NAME _____ DESIGNATION _____

PLACE _____

(ANY OTHER INFORMATION)

If Applicant desires to share any other additional Information relevant to the work / assignment like brochure, future plan or any suggestion, it may be given in this Annexure.

Pictorial representation of Ash to coarse aggregate production process

