

NTPC Limited
(A Govt. of India enterprise)



Invites

**Expression of Interest
(EOI)**

for

Long Lasting Anti-Corrosive Coatings for Steel Structures



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



SECTION-I:

INVITATION FOR EXPRESSION OF INTEREST

DETAILED NOTICE INVITING EXPRESSION OF INTEREST (EOI)

EOI No.: STN-ENGG/2023-24/003

Date: 02.05.2023

Expression of Interest for Long Lasting Anti Corrosive Coatings for Steel Structures

1.0 NTPC is India's largest power utility with installed capacity of more than 70,000 MW (including its JVs). The company is engaged in the business of generation and sale of bulk power. NTPC is having pan-India presence with coal based, gas based, Hydro, Wind and Solar plants. Established in 1975, NTPC has fleet of thermal power generating units which are getting older.

2.0 With its large-scale operating assets, NTPC plants have various structures comprising of concrete and steel. In continuation to power generation, maintenance of these structures is also an important activity for which NTPC is following various SOPs. Regular inspection and application of paints with varied frequencies, based on the requirement is the part of the maintenance practices.

Recently, in some of the NTPC plants, especially in coastal areas, issues are being faced due to corrosion of steel structures. The present painting system followed by NTPC is a three-coat system which mostly consist of epoxy-based paints.

With the advancement of technology, various new coatings have emerged in the market which may be helpful in minimizing the corrosion related issues in industrial structures. Thus, NTPC is looking forward to having database of such products, their manufacturers, and suppliers.

3.0 The present EOI is for the collection of databases of vendors and their products for the long lasting anti-corrosive coatings. NTPC invites Expression of Interest (EOI) from willing APPLICANTs from India for Supply and Application of anti-corrosive coatings for steel structures meeting the following criteria:

- The anti-corrosive coatings must be applicable for all types of industrial steel structures.
- The applicant to submit the details about successful running period of coatings from the date of application through certificate from client.
- The chemical composition of the coatings to be provided along with the generic name for the coating.
- Requirement of surface preparation for the application to be mentioned.
- Requirement of any specific temperature and humidity for the application of coatings.
- Application on existing structure over any type of existing paints.
- Applicable code for proposed product.
- Dry Film Thickness (DFT) for the complete coating scheme with mention of number of layers to be applied. In case of requirement of any base coat or intermediate coat,

information for same also to be provided.

- Test certificates to be provided for the following parameters (preferably from NABL accredited labs):
 - Durations of successfully completed Salt Spray Test in hours.
 - Drying time.
 - Resistance to heat.
 - Resistance to humidity.
 - Resistance to acid.
 - Moisture vapour permeability test.
 - Flexibility and adhesion test.
 - Scratch hardness test.
 - Immersion Test
 - Any other test conducted for ascertaining life of coatings.
- The manufacturer of coatings and its availability in India to be informed.
- Details of previous work orders in coastal regions with successful running years.
- Pot life of the product to be mentioned.
- List of applicators for the product to be provided.
- Impact of coatings and its constituents on environment to be specified.

4.0 Based on the details provided by the applicants, criteria for testing in a reputed lab and shortlisting of applicants for testing will be decided and communicated to all the applicants. Identified applicant shall have to provide sample for required tests on free of cost basis. Based on the testing results, NTPC will decide the modalities for engagement of vendor for the work.

5.0 Eligibility for Participation in EOI

- The APPLICANT shall be a Company / Sole Proprietorship / Partnership / Limited Liability Partnership / Consortium / Cooperative Society registered in India.
- The APPLICANT shall submit details of anti-corrosive coatings supplied to various clients along with supporting documents, such as end user certificates etc for establishing successful performance of this coatings for the period from the date of application. The structures of coastal regions where coatings are applied may be specifically indicated in the documents.

6.0 DOWNLOAD AND SUBMISSION OF EOI

- A. Interested APPLICANTS may download the documents of EOI **free of cost** from <https://ntpctender.ntpc.co.in>
- B. For consideration of EOI, APPLICANTS are required to e-mail signed and scanned copy of EOI, duly filled and complete in all respect, through e-mail mentioned hereunder.
akhileshpoddar@ntpc.co.in
- C. APPLICANTS may send their queries related with EOI through e-mail at akhileshpoddar@ntpc.co.in
- D. Date of publication of EOI : 02.05.2023**
- E. Last date for submission of Application: 10 days from date of publication of EOI (till 17:00 hrs. IST)**
- F. Last date for queries/ seeking clarifications: 10.05.2023**
- G. Response Validity: 6 months from the last date for EOI Submission**
- H. NTPC shall not be liable for any postal/ Mail delivery issue and delays whatsoever in receipt of EOI documents and EOI received after the stipulated date and time shall not be entertained. EOIs submitted without supporting documents (as mentioned in Sec-I clause 5.0 and Annexures mentioned in Sec-III) will be summarily rejected.
- I. 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.
- J. Language of the responses to EOI or any query/clarifications/correspondences shall be in English only.
- K. APPLICANTS shall mention the name and contact details of two persons, with complete address, phone number and email id.
- L. The responsibility of Compliance of all applicable statutory provisions are within the entire scope of the Agency and shall indemnify NTPC in case of any claim, procedure, dispute what so ever towards the execution of the work in its entirety.
- M. NTPC Ltd. may, at its sole discretion, ask for additional information/ documents and/ or seek clarifications from the APPLICANT(s) after the Deadline for submission of response, inter alia, for the purpose of removal of inconsistencies or infirmities in their responses.

7.0 Validity of Responses

The APPLICANT shall submit the responses which shall remain valid up to six (6) months after the response Deadline ("Response Validity"). NTPC reserves the right to reject any response, which does not meet the above-mentioned validity requirement.

NTPC may solicit the APPLICANT's consent for an extension of the period of validity of the response. The request and the response in this regard shall be in writing. In the event any APPLICANT refuses to extend its response validity as requested by NTPC, NTPC shall terminate processing of such APPLICANT's responses. An APPLICANT accepting NTPC request for validity extension shall not be permitted to modify its response.



SECTION-II: INFORMATION TO APPLICANTS

1.0 General Information

NTPC has a fleet of thermal power plants consisting of various steel structures. The life of these steel structures varies from 15 to 35 years.

For the maintenance of these steel structures regular painting works are required and at present paintings are done as per the NTPC specification.

Presently issues are being faced in structures due to corrosion mainly in the NTPC plants with coastal environment. Thus, NTPC is looking forward for the coatings which can provide long life for the protection from the corrosion.

2.0 Objective of EOI

Objective of the EOI is to identify vendors/agencies involved in supply and application of long lasting anti-corrosive coatings for steel structures. The coatings mostly need to apply on existing structures.

The intent is also to get the details about the new coatings and evaluation of the same for usage in steel structures in NTPC power plant.



SECTION-III: APPLICATION FORM AND ANNEXURES

Instructions to APPLICANTS

- This Expression of Interest (EOI) is to identify interested parties for the Scope of Work mentioned particularly at clause no-3 of the Detailed Notice Inviting Expression of Interest (EOI)
- 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. Following are the list of Annexures:
 - **Annexure -1:** Application Form
 - **Annexure- 2:** APPLICANT's Profile
 - **Annexure- 3:** Acceptance of Fraud Prevention Policy of NTPC
 - **Annexure- 4:** Information as desired at Clause No. 03 of Detailed Notice Inviting EOI and any other information which applicant want to provide
 - **Annexure-5:** Check list
- **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 of firm (or individual if applying as individual).
 - Address/ Contact number/ e-mail address/ Name of Contact person.
 - Completely filled check list as per Annexure-5

(EXPRESSION OF INTEREST: APPLICATION FORM)

(To be submitted on APPLICANT's Letter Head)

Ref No.

Date:

**Deputy General Manager, Station Engineering
NTPC Limited, WR-II HQ,
Plot No. 87, Sector 24, Atal Nagar, Nava Raipur
Raipur, Chhattisgarh-492018**

Dear Sir,

Sub: Expression of Interest for Long Lasting Anti-Corrosive Coatings for Steel Structures, as per Detailed Notice Inviting Expression of Interest (EOI), (Ref No. EOI No.: STN-ENGG/2023-24/003) dated 02.05.2023

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.

(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 for the supply and execution of long lasting anti corrosive coatings for steel structures.

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 _____

Applicant's Profile

1. Name of the interested party:

2. Address :

3. Classification of Company

Public Limited

Partnership

LimitedPrivate

Limited

Others Please Specify:

4. Contact Details NAME:

DESIGNATION:

MOBILE NO.:

EMAIL-ID:

5. Years of experience in the business:

6. Annual Turnover

7. Details of recently executed works, details of the works in the form of videos and photos.

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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 _____

(Annexure-4)

Information as desired at Clause No. 03 of Detailed Notice Inviting EOI

(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.

Sl. No.	Information Desired	Provided (Yes/No)	Remarks if any (specially if answer to column 3 is “No”)
1	Chemical composition of coating with generic name.		
2	Requirement of surface preparation.		
3	Client certificates for successful running years of coating with specific mention of clients from coastal areas.		
4	Requirement of any specific temperature and humidity for application of coatings.		
5	Availability of any code or standard for the coating.		
6	Information regarding no. of layers requirement over steel surface and total DFT required.		
7	Test certificate for salt spray test		
8	Test certificate for drying time		
9	Test certificate for resistance to heat		
10	Test certificate for resistance to humidity		
11	Test certificate for resistance to acid		
12	Test certificate for moisture vapour permeability test		
13	Test certificate for Bend Test – Flexibility and adhesion test		
14	Test certificate for Scratch hardness test		
15	Immersion test		
16	Any other test for ascertaining life of coating		
17	Information regarding manufacturer of coating and its availability in India		
18	Copies of previous work orders		
19	Pot life of the product mentioned		
20	List of applicators for the product		
21	Impact of coating on environment		