

**OFFICE OF THE SUPERINTENDING ENGINEER
OPERATION AND MAINTENANCE CIRCLE-II
ANPARA 'D' THERMAL POWER STATION
U.P.RAJYA VIDYUT UTPADAN NIGAM LTD.
P.O.: ANPARA, DISTT.: SONEBHADRA**

EOI No.:

Date: 31 .03.2021

INVITATION FOR EXPRESSION OF INTEREST

Supply of Limestone for Flue Gas De-Sulphurisation Plant of 2x500MW, DTPS Anpara,

The 2X500MW, DTPS, Anpara is a unit of UPRVUNL a Govt of UP undertaking. The site of Anpara Thermal Power Project is situated at the border of U.P. and M.P. at the southernmost tip of Distt. Sonebhadra in U.P. and on the left bank of Rihand Reservoir along National Highway No. 75 near the village Anpara at about 3 Km from the existing Renusagar Thermal Power Station. The nearest railway station is Anpara on BG North Central Railway line,

UPRVUNL invites "Expression of Interest (EOI)" for assessing market response for short listing of Purchasers/Agencies for further course of action such as Long term tie up/ MOUs/ Tendering or any combination of the said three options, for the supply of limestone of the order of 340 Tons/day with purity greater than 90% as CaCO₃. The agency is required to submit details along with limestone physical and chemical characteristics as per format to be obtained from UPRVUNL site. Interested parties are requested to refer the terms and conditions of the EOI at UPRVUNL website (www.uprvunl.org) before submitting their EOI. The details may be submitted in sealed envelopes as per the format obtained from UPRVUNL site.

It may be noted that submission of EOI does not in any way constitute any kind of commitment on the part of UPRVUNL.

For more details, may please contact:

Name:Er..Pramod Kumar,SE (O&MC-II,DTPS,Anpara)

Email-se.mmc.dtps.anpara@uprvunl.org

The last date of submission of EOI is May 15th , 2021.

DETAILED INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR SUPPLYING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANT OF 2X500MW, DTPS, Anpara

EOI No.:

Date: 31 .03.2021

1. INTRODUCTION

Ministry of Environment, Forest and Climate change, in its' gazette notification dated 7th December 2015, has amended the Environment (Protection) Rules, 1986, which inter alia, makes it binding to Thermal Power Plants to reduce Sulphur di oxide (SO₂) emission below the prescribed limit, depending on Unit size and year of installation of Power Plants. For the purpose of capturing SO₂ from the flue gas before emission, Flue Gas Desulphurization (FGD) plants are required to be installed in the Flue gas path. In complying with the said gazette notification, UPRVUNL shall also install an FGD plant in its 2X500MW, ATP, Anpara Plant. As an input to FGD plants, Limestone (CaCO₃) is required in huge quantities. Through this EOI, UPRVUNL desires to assess the domestic and international market for supply of Limestone of required quality to 2X500MW, DTPS, Anpara Site.

EXPRESSION OF INTEREST (EOI) FOR SUPPLYING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANT OF 2X500MW, DTSP, Anpara

1.0 SCOPE OF THE EXPRESSION OF INTEREST (EOI)

1.1 The scope of EOI is for supply of limestone 2X500MW, DTSP, Anpara Plant, for meeting the requirement of Flue Gas Desulphurization (FGD) Unit, with purity equal or greater than 90% on CaCO₃ basis.

2.0 TERMS AND CONDITIONS OF THE EXPRESSION OF INTEREST (EOI)

1.1 The FGD system of Unit No-07 of 2X500MW, DTSP, Anpara, is likely to be commissioned in March 2022 and Unit no-06 by June 2022; agencies should plan for the off take of Gypsum accordingly.

2.2 The interested parties should be able to supply limestone as per required quantity and quality Mine Owners/ Suppliers/ Agencies shall submit EOI. It may be noted that submission of EOI does not, in any way, constitute any kind of commitment on the part of UPRVUNL.

2.3 The interested Mine Owners/ Suppliers/ Agencies shall make their own arrangement for Transportation of limestone up to UPRVUNL, 2X500MW, DTSP, Anpara.

2.4 UPRVUNL reserves the right to assess the capacity/ capability of the applicant and viability of proposal, based on verification of documents and if required, cross verification for establishment of the capable applicant(s).

2.5 UPRVUNL reserves the right to accept or reject any or all applications, cancel/withdraw the EOI process without assigning any reason whatsoever in case situation arises, and in such a case no applicant shall have any claim arising out of such action.

2.6 Interested Mine Owners/ Suppliers/ Agencies shall ensure proper care and constant vigil of Transportation activities for any damages to any existing properties, which may result in Environmental hazards in any way, in case of award.

2.7 Interested Mine Owners/ Suppliers/ Agencies shall have to abide by the guidelines of the Central Government/ State Government and ensure compliance, in case of award.

2.8 All applicable safety norms to be followed by the interested Mine Owners/ Suppliers/Agencies while handling, transportation and unloading of limestone, in case of award.

2.9 All possible measures will have to be taken by the interested Mine Owners/ Suppliers/Agencies, to avoid pollution while transporting, in case of award. No spillage of limestone will be permitted.

Bidders may visit the site of FGDs installation (2X500MW, DTPS, Anpara), for better understanding of the system and issues before submission of EOI. The owner shall provide all cooperation to the representative of the bidder in obtaining the required information during the visit to site. The application of EOI must be submitted through e-mail or closed envelope on or before 15:00 hrs (IST) of 15.05.2021.

SECTION-III: FORM OF APPLICATION & SCHEDULES

Schedule I

Form of Application of EOI for Procurement of Gypsum

(TO BE PRINTED ON THE LETTER HEAD OF THE INTERESTED PURCHASER/ AGENCY AND SIGNED)

Ref No.

Date:

(This is only an enquiry for short listing of agencies towards enlistment for Supply of Lime for the Flue Gas Desulphurization (FGD) Units of UPRVUNL at 2X500MW, DTPS, Anpara Thermal Power Projects/Stations).

SE-O&MC-II
2X500MW, DTPS,
Anpara,(Sonebhadra)
, INDIA-231225

Dear Sir,

We are interested in supply of Limestone for UPRVUNL, 2X500MW, DTPS, Anpara Plant. We here by express our willingness to participate in RFP as and when UPRVUNL invites the proposal for the same.

With reference to your invitation for EOI dated _____, we are furnishing herewith all the required details as per the prescribed Schedules:

Name of the Company and Address	
Whether the company is Govt. firm / Private owned	
Are you a Mine Owner/ Supplier/ Agency	
Name of Mine/ Warehouse/ Port from where supply will be made	
If you are supplying to industries, kindly provide details of experience as per format at Schedule IV .	
Limestone Characteristics	Details to be provided as per the format Enclosed in Schedule III .
Preferred Mode of transportation of Gypsum Whether Rail or Road	
Preferred Mode of Supply of Limestone to the designated place near or inside the plant boundary Whether Rail or Road	
Size and Quantity of limestone available	
Purity of Limestone	

Batch size of Lime stone to be transported		
Specify sizes of limestone; among sizes of (-) 20 mm/ (-)50 mm/(-) 100 mm/(-) 250 mm; those can be made available for supply		
Specify outage season (if any) round the year		
Cost of limestone (per tonne in ₹ or in any other currency) (against interested Project/	Cost of Limestone at Mine/ Warehouse/ Port for each proposed size	
	Transportation Cost	
	Total Landed Limestone cost for each proposed size separately	
Name and Designation of the contact person		
Address		
Mobile Number		
E-Mail Address		
Any other relevant information		

Place:

Date:

Name:

In the Capacity of:

Signed:

Duly authorized to sign the application for and on behalf of:
(Seal of the company)

:

EXPRESSION OF INTEREST (EOI) FOR SUPPLYING OF LIMESTONE FOR
FLUE GAS DESULPHURIZATION (FGD) PLANT OF 2X500MW, DTSP, Anpara

(TURNOVER OF THE COMPANY IN THE LAST THREE FINANCIAL YEARS)

We confirm that annual turnover of M/s..... [Applicant] for the preceding three financial years is as under:-

Sl. No.	Financial Year	Turnover amount (In Bidder's Currency)	Turnover amount (In Million ₹)	Exchange Rate as on seven (7) days prior to Last date of submission of EOI
1	2018-19			
2	2019-20			
3	2020-21			

Place:

Date:

Name:

In the Capacity of:

Signed:

Duly authorized to sign the application for and on behalf of:

(Seal of the company)

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EXPRESSION OF INTEREST (EOI) FOR SUPPLYING OF LIMESTONE FOR
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Schedule III

(SOURCING EXPERIENCE)

Sl. No.	Project where Lime Stone is supplied	Year of Supply	Quantity of Supply	Mode of Transport	Purity of Limestone (on CaCO ₃ basis)	Mine name & Location	Remarks
1	2018-19						
2	2019-20						
3	2020-21						

Note: Please attach Client's Certificates/Other relevant certificates.

Place:

Date:

Name:

In the Capacity of:

Signed:

Duly authorized to sign the application for and on behalf of:

(Seal of the company)

Chemical Analysis (% by mass)					
1.	CaO	%			
2.	MgO	%			
3.	Fe ₂ O ₃	%			
4.	Al ₂ O ₃	%			
5.	SiO ₂	%			
6.	Mn ₂ O ₃	%			
7.	P ₂ O ₃	%			
8.	Cl ₂	%			
9.	Na ₂ O	%			
10.	K ₂ O	%			
11.	TiO ₂	%			
12.	Total sulphur	%			
13.	LOI	%			
14.	Free silica content				
15.	Physical Properties				
16.	Reactivity of Limestone				
17.	Bond's Work index	kW-h/ton			
18.	Granule Size	mm			
19.	Compressive Strength	kgf/cm ²			