

PVUN

PATRATU

Patratu Vidyut Utpadan Nigam Ltd

(A Subsidiary of NTPC in Joint Venture with JBVNL)

INVITATION FOR EXPRESSION OF INTEREST

For

Supply of Limestone for Flue Gas De-Sulphurisation Plant in Phase-I Units (3×800 MW) at PVUNL

Patratu Vidyut Utpadan Nigam Limited(PVUNL)-a subsidiary of NTPC Limited in Joint Venture with Jharkhand Bijli Vitran Nigam Limited (JBVNL), Govt. of Jharkhand (GoJ), has started construction to set up Patratu Super Thermal Power Plant Phase –I (3×800 MW) at Patratu which is located just outside the coal belt of South Karanpura in Ramgarh District of Jharkhand State. The nearest Railway Station is Patratu which is at a distance of about 4 km on Barkakhana –Barwadih Railway Line.

PVUNL invites “Expression of Interest(EOI)” for assessing market response for shortlisting of agencies towards enlistment for supply of limestone of the order of 1900 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 the PVUNL website as stated under.

Interested parties are requested to refer the terms and conditions of the EOI and submit their EOI. The details may be submitted in sealed envelopes as per the format obtained from PVUNL. It may be noted that submission of EOI does not in any way constitute any kind of commitment on the part of PVUNL.

For more details, may please contact:

Name : Faiz Taiyab , AGM(PVUNL) / Kumar Niket, Sr Manager(PVUNL)

Address: PVUNL , Utility Building , PO – PTPS , Patratu , Dt-

Ramgarh, Jharkhand-829119 Mobile : 9431215308 / 7070096724

Email id : faiztaiyab@ntpc.co.in / kumarniket@ntpc.co.in

The last date of submission of EOI is November 30th, 2019.

**DETAILED INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR SOURCING OF
LIMESTONE MEANT FOR PVUNL PHASE – I, PATRATU**

Date: 30.10.2019

1.0 INTRODUCTION

PVUNL, a subsidiary of NTPC in Joint Venture with JBVNL, has already started construction work on its Phase – I (3 X 800 MW) project at Patratu, located approximately 45 kms north of Ranchi in the state of Jharkhand.

PVUNL Phase – I has been designed to ensure that it complies with the stringent pollution norms during its operation. In line with NTPC's policy of generating quality power and adherence to environmental norms, PVUNL is also committed towards this cause and shall continue to take all steps to further this cause. 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, PVUNL shall also install an FGD plant in its Phase - I Project at Patratu. As an input to FGD plants, Limestone (CaCO₃) is required in huge quantities. Through this EOI, PVUNL desires to assess the domestic and international market for supply of Limestone of required Quality, to PVUNL Phase – I project at Patratu.

2.0 INTENT OF THE EXPRESSION OF INTEREST (EOI)

PVUNL invites "Expression of Interest (EOI)" for assessing market response for shortlisting of Mine Owners/ Suppliers/ Agencies for further course of actions such as Long term tie up/ MOUs/ Tendering or any combination of these three options, for supply of 'Limestone' meant for FGD plants of PVUNL coal fired thermal power plants/ stations, with purity equal or greater than 90% on CaCO₃ basis. The Mine Owners/ Suppliers/ Agencies are required to submit details, along with physical and chemical characteristics of Limestone, as per the format enclosed at [Schedule III](#).

Interested parties are requested to refer the terms and conditions of the EOI and submit their EOI accordingly. It may be noted that submission of EOI does not, in any way, constitute any kind of commitment on the part of PVUN Limited.

EXPRESSION OF INTEREST (EOI) FOR SOURCING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANTS OF PVUNL Ph- I POWER PLANT AT PATRATU.

For more details, the following person may be contacted:

Shri S K Das Kayasth : 9650992870

Shri Faiz Taiyab : 9431215308

1.0 SCOPE OF THE EXPRESSION OF INTEREST (EOI)

- 1.1 The scope of EOI is for supply of limestone to PVUNL PSTPP Phase – I (3 X 800 MW), 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)

- 2.1 PVUNL Phase – I (3 X 800 MW) is likely to be commissioned in December 2021 and shall have wet lime stone based flue gas desulphurization system.
- 2.2 The interested parties should be able to supply limestone as per required quantity and quality.
- 2.3 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 PVUN Limited.
- 2.4 The interested Mine Owners/ Suppliers/ Agencies shall make their own arrangement for transportation of limestone up to PVUNL Power Plant at Patratu.
- 2.5 PVUNL 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).
- 2.6 PVUNL 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 / intending applicant shall have any claim arising out of such action.
- 2.7 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.

EXPRESSION OF INTEREST (EOI) FOR SOURCING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANTS OF PVUNL Ph- I POWER PLANT AT PATRATU.

2.8 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.

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.

2.10 Bidders may visit the site where FGD system will be installed. The owner shall provide all cooperation to the representative of the bidder in obtaining the required information during the visit to site.

Form of Application of EOI for Supply of Limestone**(TO BE PRINTED ON THE LETTER HEAD OF THE INTERESTED MINE OWNER/ SUPPLIER/
AGENCY AND SIGNED)****Ref No.****Date:**

(This is only an enquiry for short listing of agencies towards enlistment for supply of limestone for the requirement of Flue Gas Desulphurization (FGD) Units of PVUNL Ph - I STPP (3 X 800 MW)).

To
AGM (C&M)
1st Floor, Administrative Building,
PVUNL/PTPS, Patratu
Distt. Ramgarh
Jharkhand, India 829119

Dear Sir,
 We are interested in supply of Limestone for PVUNL Ph- I STPP (3 X 800 MW). We hereby express our willingness to participate in RFP as and when PVUNL invites the proposal for the same.

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

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 Supply of Limestone to the designated place near or inside the plant boundary	Whether Rail or Road
Frequency of supply of limestone to meet daily requirement of proposed Power Project/ Station	

EXPRESSION OF INTEREST (EOI) FOR SOURCING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANTS OF PVUNL Ph- I POWER PLANT AT PATRATU.

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		
Specify the period (in years) of supply of the required limestone Quantity and Quality that can be made for Long term contract (Note: Plant life is 25 years)		
Cost of limestone (per tonne in ₹ or in any other currency) (against interested Project/ Station)	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 SOURCING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANTS OF PVUNL Ph- I POWER PLANT AT PATRATU.

Schedule II

(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.	2016-2017			
2.	2017-2018			
3.	2018-2019			

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)		Schedule III	
1	CaO	%	
2	MgO	%	
3	Fe ₂ O ₃	%	
4	Al ₂ O ₃	%	
5	Si ₂ O ₃	%	
6	Mn ₂ O ₃	%	
7	P ₂ O ₅	%	
8	Cl ₂	%	
9	Na ₂ O	%	
10	K ₂ O	%	
11	TiO ₂	%	
12	Total Sulphur	%	
13	LOI	%	
14	Free silica content		
Physical Properties			
1	Reactivity of Limestone		
2	Bond's Work index	kW-h/ton	
3	Granule Size	mm	
4	Compressive Strength	kgf/cm ²	

EXPRESSION OF INTEREST (EOI) FOR SOURCING OF LIMESTONE FOR FLUE GAS DESULPHURIZATION (FGD) PLANTS OF PVUNL Ph- I POWER PLANT AT PATRATU.

(EXPERIENCE)

Sl. No	Project name	Project location	Purity of Limestone (on CaCO₃ basis)	Year of Supply	Quantity of Supply	Mine name & Location	Mode of Transport	Remarks

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

Place:

Date:

Name :

In the Capacity of:

Signed:

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

(Seal of the company)

(FORM FOR ACCEPTANCE OF FRAUD PREVENTION POLICY)

We have read the contents of Fraud Prevention Policy of NTPC displayed on its tender website <http://www.ntpctender.com> and undertake that we shall strictly abide by the provisions of Fraud Prevention Policy of NTPC Limited.

Place:

Date:

Name :

In the Capacity of:

Signed:

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

(Seal of the company)

Schedule – VI

(ANY OTHER INFORMATION)

Additional Information relevant to the work / assignment is enclosed.