

Maharashtra State Power Generation Co. Ltd

INVITATION FOR EXPRESSION OF INTEREST

For Supply of Limestone for Flue Gas De-Sulphurisation Plants in MSPGCL Power Stations

MSPGCL is currently executing Flue Gas Desulphurization (FGD) plants in its power stations to comply with the latest environmental norms stipulated by MoEF & CC of GoI.

MSPGCL invites “Expression of Interest (EOI)” for assessing market response for shortlisting of agencies towards enlistment for supply of limestone of the order of approx.3273Tons/ 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 provided in the EOI document.

Interested parties are requested to refer the terms and conditions of the EOI and submit their EOI. It may be noted that submission of EOI does not in any way constitute any kind of commitment on the part of MSPGCL for award of any works.

Sealed envelopes containing 2 sets of hard copies of the EOI to be submitted to below address:

M/s. Mercados Energy Markets India Private Ltd

Kind Attn: Mr.Jayesh Chauhan, Associate Director

Address: Technopolis Knowledge Park,

C/o. Quest Co-works Pvt Ltd, 5th Floor

Mahakali Caves Road, Chakala, Andheri East, Mumbai – 400093

Email: jayesh@mercadosemi.in, Mobile: +91 9322596108

The last date of submission of EOI is May 12, 2022.

(Participants (from which hard copy of EOI is received on or before last date of submission of Hard copy) will be requested by M/s Mercados to send soft copy of the same via email. On receipt of such request, soft copy of EOI should be submitted by email to cecoal@mahagenco.in and jayesh@mercadosemi.in)

DETAILED INVITATION FOR EXPRESSION OF INTEREST (EOI) FOR SOURCING OF LIMESTONE MEANT FOR MSPGCL POWER STATIONS

Date:28.04.2022

1.0 INTRODUCTION

MSPGCL has already started construction work of installation of Flue Gas Desulphurization plants in its power plants located in the state of Maharashtra.

MSPGCL power stations have been designed to ensure that it complies with the stringent pollution norms during its operation. In line with MSPGCL's policy of generating quality power and adherence to environmental norms, MSPGCL 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, MSPGCL shall also install FGD plants in its power stations. As an input to FGD plants, Limestone (CaCO₃) is required in huge quantities. Through this EOI, MSPGCL desires to assess the domestic and international market for supply of Limestone of required Quality, to MSPGCL power stations located at various places in Maharashtra.

The thermal power station wise requirement of limestone quantity and quality requirement of MSPGCL is as follows:

Sr. No.	Power Plant	Lime stone quantity required per annum	Dates of requirement of limestone
1	Bhusawal Unit-6 (1x660MW)	1,04,000.00 MT	Dec-2022
2	Koradi 3x660MW	3,12,000.00 MT	June-2024
3	Chandrapur 5x500MW	4,32,500.00 MT	May-2024
4	Bhusawal 2x500MW	1,73,000.00 MT	May-2024
5	Khaperkheda 1x500MW	86,500.00 MT	May-2024
6	Paras 2x250MW	86,500.00 MT	April-2024
7	Total annual requirement (maximum*)	11,94,500.00 MT	
8	Total daily requirement (maximum*)	3272.60 MT	

**When FGD's for sr. 1 to 6 are in operation.*

Quality requirement:

Grade	Limestone Grade-III
Colour	Pale Yellow
CaCO ₃	> 90%
MgCO ₃	< 2%
Silica	< 4%
Others	< 9%
Size	< 250mm
Infrastructure for Limestone sizing	MAHAGENCO has envisaged crushers & mills for Limestone sizing and crushing.

2.0 INTENT OF THE EXPRESSION OF INTEREST (EOI)

MSPGCL 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 MSPGCL 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 MSPGCL.

For more details, the following person may be contacted:

Shri. Tamhankar V. D, Executive Engineer Maharashtra State Power Generating Co. Ltd 3rd Floor, Prakashgad, Bandra-East, Mumbai-51 Mobile: +91 8879680452 Email: cecoal@mahagenco.in	Shri.Jayesh Chauhan, Associate Director Mercados Energy Markets India Private Ltd Technopolis Knowledge Park C/o. Quest Co-works Pvt Ltd, 5th Floor, Mahakali Caves Road, Chakala, Andheri East, Mumbai – 400093 Mobile: +91 9322596108 Email: jayesh@mercadosemi.in
---	--

1.0 SCOPE OF THE EXPRESSION OF INTEREST (EOI)

- 1.1** The scope of EOI is for supply of limestone to MSPGCL power stations 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** Flue Gas Desulfurization Systems of TPS are scheduled to be commissioned one by one starting from December 2022 to June 2024.

- 2.2** The interested parties should be able to supply limestone as per required quantity and quality. The bidders should provide thermal power station wise data (size, quantity, cost etc.) of limestone being offered in the EOI.
- 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 MSPGCL.
- 2.4** The interested Mine Owners/ Suppliers/ Agencies shall make their own arrangement for transportation of limestone up to respective Power Plant of MSPGCL.
- 2.5** MSPGCL 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** MSPGCL 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.
- 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** Interested 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. However, the cost associated to this EOI including preparation, site visit etc will be borne by the bidders only and no cost shall be reimbursed by MSPGCL of whatsoever nature.

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 **(Name of the Power Station)**).

To
Chief Engineer (Coal)
Maharashtra State Power Generating Co. Ltd
3rd Floor, Prakashgad, Bandra-East, Mumbai-51
Email: cecoal@mahagenco.in

Dear Sir,

We are interested in supply of Limestone for MSPGCL Power Stations. We hereby express our willingness to participate in RFP as and when MSPGCL 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		
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)

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.	2018-2019			
2.	2019-2020			
3.	2020-2021			

The Turnover Certificate to be certified by Chartered Accountant/ Auditor.

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	

Schedule IV

(EXPERIENCE)

Sl. No	Project name	Project location	Purity of Limestone (on CaCO ₃ basis)	Year of Supply	Quantity of Supply	Mine name & Location	Mode of Transport	Remarks

- Note: 1. Please attach Client's Certificates/Other relevant certificates along with this schedule.
2. Bidder should mention in remarks if limestone supplied is for used in FGD or otherwise

Place:

Date:

Name :

In the Capacity of:

Signed:

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

(UNDERTAKING FOR PREVENTION OF FRAUD AND CORRUPTION)

(to be provided on Rs.500/- Bond)

TO BE STAMPED IN ACCORDANCE WITH THE STAMP ACT and TO BE NOTARIZED BY A NOTARY PUBLIC

Affidavit of Shri.....S/OAged about.....R/O.....

I, the above named deponent do hereby solemnly affirm and declare as under:-

1. That I am working as (Designation) in (name and address of the bidder) since.....
2. That I am duly authorized by (name of the bidder) to submit this undertaking on its behalf.
3. That bidder is submitting EOI in response to invitation for Expression of Interest (EOI) for Sourcing of Limestone for Flue Gas Desulphurization (FGD) Plants of MSPGCL
4. That bidder will comply with the Anti-Corruption Guidelines/ Laws in force of the relevant Government/ its instrumentalities. Further the bidders (applicants/ proposers), consultants, contractors and suppliers; any sub-contractors, sub-consultants, service providers or suppliers; any agents (whether declared or not); and any of their personnel, will observe the highest standard of ethics during this EOI process and refrain from Fraud and Corruption.

DEPONENT

Verification:

Verified atonday of2022 that the contents of my above undertaking are true to best of my knowledge. No part of it is false and nothing material or relevant has been concealed there from.

DEPONENT

(ANY OTHER INFORMATION)

Additional Information relevant to the work / assignment is enclosed.