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NOTICE INVITING EXPRESSION OF INTEREST

VASAI VIRAR CITY MUNICIPAL CORPORATION (VVCMC)

Opp. Virar Police Station, Virar East, Maharashtra 401305

Vasai-Virar City Municipal Corporation invites Expression of Interest (EOI) for Recovery of Land at Gokhivare Municipal Solid Waste (MSW) dumping ground by adopting Bio-mining or any other suitable technology or combination of various technologies for the existing MSW Dump.

The entire recovery of land at Gokhivare MSW dumping ground in VVCMC, to be done in 36 Months. Reputed entities with experience in processing of Municipal Solid Wastes for the last three years with a capacity of handling more than or equal to 300 Tonnes Per Day (TPD) (in a single work contract) can submit their Expression of Interest.

Interested entities will need to submit the supporting documents along with their Expression of Interest (EOI) not later than 03:00 pm (IST) on 19/01/2017 in a sealed envelope either by hand or by courier

No. VVCMC/SS/324/2016.
Dtd. 17/12/2016.


Municipal Commissioner
Vasai-Virar City Municipal Corporation



Vasai-Virar City Municipal Corporation

EXPRESSION OF INTEREST

Invitation of Expression of Interest (EOI) for Recovery of Land at Gokhivare Municipal Solid Waste (MSW) dumping ground in VCCMC by adopting Bio-mining or any other suitable technology or combination of various technologies for the existing MSW Dump

VASAI-VIRAR CITY MUNICIPAL CORPORATION
INVITATION OF EXPRESSION OF INTEREST (EOI) FOR "RECOVERY OF
LAND AT GOKHIVARE MSW DUMPING GROUND IN VVCMC BY ADOPTING
BIO-MINING OR ANY OTHER SUITABLE TECHNOLOGY OR COMBINATION
OF VARIOUS TECHNOLOGIES FOR THE EXISTING MSW DUMP"

REF NO. VVCMC/SS/324/2016

DATED: 17/12/2016

1) The Commissioner, Vasai-Virar City Municipal Corporation (VVCMC) invites "Expression of Interest (EOI) from entities (companies, firms, etc., having a legal status) for Recovery of land at Gokhivare MSW Dumping Ground in VVCMC by adopting Bio-mining or any other suitable technology or combination of various technologies for the existing garbage dump" in accordance with applicable laws and regulations including the Solid Waste Management Rules, 2016.

Vasai-Virar City is the only Metropolitan City in Palghar district (having population 12.21 Lakhs as per 2011 census). It is located at North Mumbai. The area of Vasai-Virar City is 311 sq. km. approx

Vasai-Virar City has been separated from Greater Mumbai and Mira-Bhayandar City because of presence of Vasai Creek. The City is well connected to Mumbai by Western Railway and through Mumbai-Ahmedabad National Highway. The city is connected to Navi Mumbai, Thane, Bhiwandi, Kalyan and Panvel cities by the Vasai-Diva Railway line. Vasai Virar city has significant growth potential due to close proximity to Brihan Mumbai.

The Vasai-Virar City Municipal Corporation (VVCMC) was established on 3rd July 2009. Vasai Virar corporation is located between 19 deg. 28 min. north-90 deg. 47 min. north latitude and 72 deg. 48 min. east-72 deg. 8 min. East. Gokhivare Dumping site is located at latitude 19 deg 24 min 10 north and longitude 72 deg 51 min 36 east.

One of the major civic services, VVCMC has to provide collection, segregation, storage, transportation, processing & disposal of Municipal Solid Waste (MSW) in its area. The activity is governed by the Solid Waste Management Rules, 2016. These rules require scientific processing & disposal of entire Municipal Solid Waste generated in the city. The approximate

quantity of Municipal Solid Waste generated in VVCMC is about 550-600 Tonnes Per Day (TPD).

2) To begin with, VVCMC intends to set up plant for processing of existing garbage dumped at Gokhivare Dumping Ground using bio-mining or any suitable technology or combination of various technologies having capacity of 0.5 Million Tons. The entire recovery of land at Gokhivare MSW dumping ground in VVCMC, to be done in 36 Months.

The scope of work is as follows:

a. Technology proposed for the project

- Suitability of technologies for mining and processing of legacy waste of about 0.5 million tons in Gokhivare landfill site
- Land requirements for the technology
- Strategy for mining, processing and disposal
- Details of R&D, Patenting and Licensing of technology, etc.,

b. The operator will have to decide about method of disposal of inert/enriched soil and make land available for it as per requirement at his own cost.

2) Reputed entities with experience in processing of Municipal Solid Wastes for the last three years with a capacity of handling more than or equal to 300 Tonnes Per Day (TPD) (in a single work contract) can submit their Expression of Interest.

3) Interested entities will need to include the supporting documents and details provided under Annexure 1 to 4 along with their Expression of Interest (EOI) submissions. Applications for EOI must be clearly marked as

"Expression of Interest (EOI) from entities (companies, firms, etc., having a legal status) for Recovery of land at Gokhivare MSW Dumping Ground in VVCMC by adopting Bio-mining or any other suitable technology or combination of various technologies for the existing garbage dump"

And to be submitted along with relevant documents not later than 3:00 PM (IST) on 19 /01 /2017 in a sealed envelope either by hand or by courier on address given below:

- 4) Address for submission of EOI and any further clarifications:
The Commissioner,
Vasai-Virar City Municipal Corporation,
Opp. Virar Police Station, Bazaar ward, Virar East,
Maharashtra 401305.

- 6) It is clarified here that the purpose of this EOI is to know available technologies and to know the prospective bidders. Please note that no applicant will be awarded any work or shortlisted for RFP based on this EOI. VVCMC reserves the right to accept or reject any/all of the EOI submissions by the entities. The EOI document does not constitute any binding offer or an agreement by VVCMC. The EOI document may be withdrawn or cancelled by the Commissioner, VVCMC at any point of time during the process, without assigning any reasons thereof.

- 7) Neither the Commissioner, VVCMC nor its employees, consultants, advisors accept any liability or responsibility for the accuracy or completeness of, nor make any representation or warranty, express, or implied, with respect to the information contained in the EOI, or on which the EOI is based. Nothing in the EOI should be relied on, as a promise or representation as to the future.

- 8) The Applicant shall bear all its costs associated with or relating to the preparation and submission of the EOI including but not limited to preparation, copying, postage, delivery fees, expenses associated with any demonstrations or presentations which may be required by the Authority or any other costs incurred in connection with or relating to its EOI.
- 9) The Proposed Technologies should also comply with the following requirements:-
 - (a) It should be proven robust technology; suitably adaptable to local tropical conditions viz humidity, monsoon, etc., for processing & disposal of MSW.
 - (b) It should be implemented in eco-friendly, aesthetic manner.
 - (c) It should be scalable in module.
 - (d) It should require minimum implementation period, minimum processing time & minimum footprint area.
- 10) VVCMC intends to take up processing of about 0.5 million tons. It is necessary to identify such technologies which are strictly in compliance with environment laws and are legally acceptable. The entity can also suggest ideal module size for their technology.
- 11) The energy, compost & other by-products produced from the main activity of processing of MSW shall be owned by successful bidder.
- 12) The interested entities should apply with following details & relevant supporting documents:-
 - i) Annexure 1: Details of the entity.
 - ii) Annexure 2 : Experience in setting up and operating projects in the Municipal Solid Waste Management sector with a capacity more than or equal to 300 Metric Tonnes per day (in a single work contract)
 - iii) Annexure 3 : Financial Credentials

- iv) Annexure 4 : Project and Technology Management
- v) Any other related information.
- 13) The applicants will be required to make presentation of the technology proposed before the Municipal Commissioner and the Technical Scrutiny Committee of the VVCMC constituted by the Commissioner at a suitable date and time which will be communicated to them.
- 14) A Pre-bid meeting will be held at the Conference Hall, Corporation Main Office located at Opp. Virar Police Station, Bazaar ward, Virar East, Maharashtra 401305 on 19/01/2017 at 3:00 PM (IST).
- 15) The EOI document can also be downloaded, free of cost from the official website of the VVCMC www.vvcmc.in
- 16) For more information the bidders can contact the Municipal Engineer at +8888864280 or 022-2525101/02/03/04/05/06 during the working hours on all working days.

Sd
Municipal Commissioner
Vasai-Virar City Municipal Corporation

ANNEXURE 1

DETAILS OF THE ENTITY

Please provide details of the entity which is submitting an Expression of Interest for the project

1	Name of the Entity	
2	Legal Status of the firm	1) Public Limited Company 2) Private Limited Company 3) Sole Proprietorship Company 4) Others (Please Mention)
3	Country of Incorporation	
4	Date of Establishment of the Entity in MMY format	
5	Principal place of Business	
6	Presence in India (Y/N)	
7	Contact details of Designated representative	
(a)	Name	
(b)	Designation	
(c)	Address	
(d)	Phone Number	
(e)	Fax Number	
(f)	E-mail ID	

Note:

Electronic copy of the details of the entity in the same template as indicated above in MS Excel format should be enclosed along with the EOI in a compact disc (CD) / digital versatile disk (DVD)

ANNEXURE 2

EXPERIENCE IN SETTING UP AND OPERATING FACILITIES

Please provide details of projects that you have completed or are in the stage of operation with a capacity more than or equal to 300 TPD (in a single installation) in the field of Municipal Solid Waste Management in the last 3 years in the format provided below (mentioned projects in descending order of capacity):

Sr No	Name of the Client	
1	Description of the Project	
2	whether	
3	Whether PPP/ or any other model used in the project?	
4	Period of operation of project (in MMY format)	
5	Capital cost of project (in Rs Cr)	
6	Processing capacity (in Tons/ day)	
7	Name of the waste treatment technology used	
8	Does the scope of work include operation of the project (Y/ N)	

Note:

- 1) Use separate rows for each individual project
- 2) "Name of the Client / Public Authority" (Column 1) should include
 - a. Name(s) of the Client's legal entity(s) for which the work was executed.
 - b. Contact details (including Name, Designation, Address, Phone Number, Fax and Email) of the key client personnel who was in charge of the monitoring the work done on the project by the private entity providing the Expressing of Interest
- 3) "Description of the Project" (Column No. 2) should include
 - a. Name of the legal entity which were involved in the execution of the project.
 - b. Whether the project is currently operational (Y/N)

c. The environmental standards under which the waste treatment/disposal technology used in the projects is allowed e.g. Solid Waste Management Rules (2016) issued by the Government of India.

- 4) A brief write-up on the technology used for waste treatment should be enclosed separately for each of the projects indicated above.
- 5) Electronic copy of the completed project details in the same template as indicated above in MS Excel format should be enclosed along with the EOI in
a compact disc (CD) / digital versatile disc (DVD)

The private entity may at their discretion provide any supporting documents which enhances the clarity of the scope of work for the projects (including performance certificates) indicating above.

ANNEXURE 3

FINANCIAL CREDENTIALS

Please provide details for the last 3 financial years

Sr No	Financial Year	Turnover in INR
1	2013-14	
2	2014-15	
3	2015-16	

Note:

Enclose audited financial statements and annual report for the last 3 financial years

ANNEXURE 4

PROJECT AND TECHNOLOGY MANAGEMENT

Please provide the following details to help us understand your project and technology management plan

1) Technology proposed for the project

- Suitability of technologies for mining and processing of legacy waste of about 0.5 million tons in Gokhivare landfill site
- Land requirements for the technology
- Strategy for mining, processing and disposal
- Details of R&D, Patenting and Licensing of technology, etc.,

2) O&M Plan for the project

Manpower required for the project (skilled and unskilled separately) and plans for sourcing such manpower locally for the project.

3) Assessment of the key risks perceived by the entity on the project

- Possible risk mitigation mechanisms
- Expectations of the private entity from VVCMC

The entities may at their discretion provide any supporting documents which enhances the clarity of the project and technology management strategy.