

OFFICE OF THE MUNICIPAL CORPORATION KORBA (C.G.)

F.NO..../SBM/2016

29016

KORBA DATED.....

28/12/16

"Invitation for Expression of Interest (EOI) for Construction and O&M of Scientific landfill site and setting up of Municipal solid waste processing and disposal facility"

1. Municipal Corporation Korba invites " Invitation for Expression of Interest (EOI) for Construction and O&M of Scientific landfill site and setting up of Municipal solid waste processing and disposal facility " through viable and sustainable technologies in accordance with application laws and regulations including the Municipal solid waste (Management & Handling) Rules 2016 (hereinafter referred as "MSW Rules").
2. KMC is the local authority for providing civic amenities to the citizens of Korba. Korba is having about 215 sq.km area and a population of about 4 lakhs and floating population of about 5%. One of the major civic services KMC provides is collection, segregation, storage, transportation, processing & disposal of Municipal Solid Waste (MSW) in its area. The activity is governed by MSW Rules, promulgated under the Environment (Protection) Act, 1986. These rules require proper collection, transportation and disposal of the entire Municipal Solid Waste generated in the city, at a proper Scientific landfill site and thereafter processing & disposal of it. The approximate quantity of Municipal Solid Waste generated in Korba is about 170 Metric Tonnes Per Day (TPD) besides 60 Metric Tonnes per Day (TPD) Silt & Debris (S&D).
3. The scope of turnkey project work will broadly include the following:
 - a. Construction of Scientific landfill site as per MSW Rules 2016 to accommodate waste for 20 years having the current quantity of waste being dumped 170 TPD.
 - b. Processing of municipal solid waste by adopting suitable technology or combination of such technologies with minimum process residues to minimise burden on landfill.
 - c. Disposal of residues of waste processing facilities as well as pre-processing rejects from waste processing facilities in a landfill as specified in MSW Rules.

Reputed entities with experience in construction of Scientific landfill site, its operation and maintenance, along with setting up and operating treatment facilities for last three years with a capacity of more than or equal to 200 Tonnes per day (In a single installation) in above mentioned scope of work can submit the Expression of Interest.

4. Interested entities will need to include the supporting documents and details provided under Annexures 1 to 4 along with their Expression of Interest (EOI) submissions. Applications for EOI must be clearly marked "Invitation for Expression of Interest (EOI) for Construction and O&M of Scientific landfill site and Setting up of Municipal solid waste processing and disposal facility" and be submitted along with relevant documents not later than 3:00 pm on 10/02/2017 (Indian Standard Time) in sealed envelope either by hand or by registered mail to the address given below.
5. Address for submission of EOI and any further clarifications:

Office of the Commissioner,

Municipal Corporation Korba,

SaketBhavan,

Korba, Chhattisgarh.

Pin code: 495677; before 3:00 pm on 10/02/2017

E-mail address: corporationkorba@gmail.com

Ph.No. - 07759- 221-428/288

6. KMC reserves the right to accept or reject any/all of the EOI submission by the entities. The EOI document does not constitute any binding offer or an agreement by KMC. The EOI document may be withdrawn or cancelled by KMC at any point of time during the process, without assigning any reason thereof.
7. Neither KMC, nor its employee, consultants, advisors accept any liability or responsibility for the accuracy or completeness of, nor make 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 presentation which may be required by the Authority or any other costs incurred in connection with or relating to its EOI.
9. The project is to be implemented on municipal land. Area is Available Around 25 hectares in Barbaspur, Korba. The selected Bidder has to build, operate & maintain the projects, initially for 20 years & during this period impart training to KMC staff and handover the same to KMC for further operation & maintenance. KMC is open to discuss this option with the applicants and decide accordingly.
10. The Proposed Technologies should also comply with the following requirements for **The Processing and Disposal Facility**:
 - a. It should be proven robust technology, suitably adapted to local tropical conditions viz humidity, monsoon etc. for construction of the site, processing & disposal of MSW.
 - b. It should be based on the concept of Waste Management, emphasizing more on waste volume reduction so that minimal volume of residues will be disposed at Landfill site, ideally towards zero residues.
 - c. It should be implemented in eco-friendly, aesthetic manner.
11. To begin with the KMC intends to take up constructing a scientific landfill site along with its operation and further processing & Disposal of about 170 MT per day waste, which may be further increased in future. It is necessary to identify such technologies which are strictly in compliance with strict environment laws and are legally acceptable. The entity can also suggest ideal module size for its technology.
12. The energy, compost & other by-products produced from the main activity of processing & disposal of MSW and CDM benefits can be shared with the prospective bidder on terms which can be decided at the RFP stage.
13. The interested entities should apply with following details & relevant supporting documents:
 - a. Annexure 1: Details of the entity.
 - b. Annexure 2: Experience in construction of Scientific landfill site and its Operation and Maintenance.
 - c. Annexure 3: Experience in setting up and operating projects in the Municipal Solid Waste Management sector with a capacity more than or equal to 200 Metric Tonnes per day (in a single installation)
 - d. Annexure 4: Financial Credentials
 - e. Annexure 5: Project Execution and Technology Management strategy
14. The applicants will be required to make presentation of the construction and strategy of O&M, technology proposed before select technical group of the KMC at a suitable date and time which will be communicated to them.
15. Pre-bid EOI meeting will be held at: Office Commissioner on date 28/01/2017 at 3.00 P.M.
16. Further information about Korba Municipal Corporation can be found on web site www.korbamunicipal.in


COMMISSIONER
MUNICIPAL CORPORATION
KORBA (C.G.)

Annexure 1

Details of the Entity

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

Name of the Entity	Legal Status (Company Public/Private Partnership Limited Liability, Sole Proprietorship etc.)	Country of Incorporation	Date of Establishment of the Entity in MMYY format	Principal place of Business	Presence in India (Y/N)	Contact Details of Designated Representative					
						Name	Designation	Address	Phone No.	Fax	Email
1	2	3	4	5	6	7	8	9	10	11	12

Note:

1. 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 construction of Scientific landfill site and its Operation and Maintenance

Please provide details of projects that you have completed or are in the stage of operation in the field of Municipal Solid Waste Management in the last 5 years in the format provided below (mentioned projects in descending order of capacity):

Name of the Client / public Authority	Description of the project	Public Private partnership (PPP)/any other Model used in the project (if applicable)	Date of completion of the project (in MMYY format)	Scale of the project (in Metric tonnes per day)	Capital cost of the project in Rs. Crores or US\$ Million	Scope of Work		Does the scope of work include operation of the project (Y/N)
						Processing (Capacity in tonnes per day)	Disposal (Capacity in tonnes per day)	
1	2	3	4	5	6	7	8	10

Note: -

- Use separate rows for each individual project.
- "Name of the Client / Public Authority" (Column 1) should include
 - Name(s) of the Client's legal entity(s) for which the work was executed.
 - 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.
- "Description of the Project" (Column No. 2) should include
 - Name of the legal entity which were involved in the execution of the project.
 - Whether the project is currently operational (Y/N).
- A brief write up on the construction projects and the strategy of O&M should be enclosed separately for each of the projects indicated above.
- 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

Experience in setting up and operating projects in the Municipal Solid Waste Management sector with a capacity more than or equal to 200 Tonnes per day (in a single installation).

Please provide details of projects that you have completed or are in the stage of operation with a capacity more than or equal to 200 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):

Name of the Client / public Authority	Description of the project	Public Private partnership (PPP)/any other Model used in the project (if applicable)	Date of completion of the project (in MMY format)	Scale of the project (in Metric tonnes per day)	Capital cost of the project in Rs. Crores or US\$ Million	Scope of Work		Name of the Waste Treatment Technology (s) used	Does the scope of work include operation of the project (Y/N)
						Processing (Capacity in tonnes per day)	Disposal (Capacity in tonnes per day)		
1	2	3	4	5	6	7	8	9	10

Note: -

- Use separate rows for each individual project
- "Name of the Client / Public Authority" (Column 1) should include
 - Name(s) of the Client's legal entity(s) for which the work was executed.
 - 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
- "Description of the Project" (Column No. 2) should include:
 - Name of the legal entity which were involved in the execution of the project.
 - Details on the nature of waste (mixed/source-segregated etc.)
 - Proportion of various components in waste i.e. biodegradable, combustible, Recyclable, inert etc.
 - Whether the project is currently operational (Y/N)
 - The environmental standards under which the waste treatment/disposal technology used in the projects is allowed e.g. Municipal Solid Waste Rules (2000) issued by the Ministry of Environment & Forests, Government of India).
- Examples of Solid Waste Treatment Technologies include Composting RDF Incineration, bio methanation (Column No. 9).
- A brief write up on the technology used for waste treatment and disposal should be enclosed separately for each of the projects indicated above.
- 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 4

Financial Credentials

Please provide details for the last 5 financial years (mentioned in reverse chronological order i.e. latest financial year as the first row)

Financial Year period (from MMDDYY to MMDDYY)	Turnover in Rs. Million or US\$ Million	EBITDA in Rs. Million or US\$ Million	PBT in Rs. Million or US\$ Million	Net Worth in Rs. Million or US\$ Million

Note: -

- Use separate rows for details for each separate financial year.
- EBITDA is Earnings Before Interest Taxes Depreciation and Amortization
- PBT is Profit Before Tax.
- Net Worth is defined as:

Net Worth = (Equity Share Capital plus & Reserves) minus (Revaluation Reserves & Intangible Asset & Miscellaneous Expenditures to the extent not written off and carry forward losses).

- Enclose audited financial statements and annual report for the last 5 financial years.
- Electronic copy of the completed financial credentials in the same template as indicated above in MS Excel format should be enclosed above with the EOI in a compact disc (CD) / digital versatile disc (DVD).

Annexure 5

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

1. The construction phasing of the landfill site
2. The strategy for carrying out the Operation and Maintenance, with manpower resource
3. Technology proposed for the project

Suitability of the waste treatment technologies for treating the Municipal Solid Waste generally encountered in Korba:

1. Land requirements for the technology
2. Strategy for managing the Technology for Waste Management
 - Details of R&D, Patenting and Licensing of technology etc.
 - Equipment manufacturing/sourcing
3. O&M Plan for the project
 - a. Manpower shifting for the project including details of manpower requirements (skilled and unskilled separately) and plans for sourcing such manpower locally for the project.
4. Assessment of the key risks perceived by the entity on the project
 - a. Possible risk mitigation mechanisms
 - b. Expectations of the private entity from MMRDA

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