



मिरा भाईंदर महानगरपालिका

स्व. इंदीरा गांधी भवन, मुख्य कार्यालय, छत्रपती शिवाजी महाराज मार्ग,
भाईंदर (प.) 401 101

जा.क्र. मनपा/घप्रवि/कोटेशन/ 03 /2022-23

दि. 19 /05 /2022

// QUOTATION NOTICE EXPRESSION OF INTEREST //

Mira Bhaindar Municipal Corporation (MBMC) engaging a consultant for designing of a sanitary landfill project for Mira- Bhaindar Municipal Corporation. The estimated cost for the same is approx. Rs. 10,00,000/- including all taxes.

- Mira-Bhaindar Municipal Corporation (MBMC)** invites response to the Expression of Interest for the design of Sanitary Landfill facility for inert material generated from Integrated Municipal Solid Waste Treatment facility operated under MBMC.
 - To design a Sanitary landfill facility of MBMC, in line with Solid Waste Management Rules-2016 to accommodate inert waste for 5 years.
 - To ensure that the guidelines in compliance with the Solid Waste Management Rules 2016 or its subsequent amendments, as applicable, and the guidelines of the manual on solid waste management published by CPHEEO, MOUD, BIS etc. are followed while designing the project.
- The broad scope of work for the Selected Bidder is, designing, detailed engineering, providing drawings, providing method statement, vetting of design proposal from NEERI. Estimating the quantities of work, working out the project cost as per prevailing SoR of PWD for the MBMC corporation area and preparing the draft tender papers for the work of construction of Sanitary Landfill.
- Total inert material generation from Integrated Municipal Solid waste facility is approximately 35-50 (Thirty Five to Fifty) tons per day (TPD). Mira Bhaindar Municipal Corporation is now desirous of implementing the Project in order to provide a suitable disposal facilities for inert material produced from Integrated Municipal Solid waste facility.
- It is expected that the Sanitary Landfill shall be planned and designed in such a way that it will accommodate the inert waste, around 1,00,000 MT likely to disposed in 5 years considering 50 MT inert generation per day.

Detailed scope of work for planning and design of Lanfill

1. Project Planning:

- The interested party should personally visit the site, to decide the site of landfill on the piece of land available with MBMC.
- The topographic survey, contour plan of the land available, is with the corporation.
- The designer shall plan the Landfill to accommodate 5 year's inert waste which is around 1,00,000 MT.



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2. Design of Landfill:

- The Landfill shall be planned to suit the topography and required capacity of landfill
- The design shall be as per Solid Waste Management Rules 2016, and the amendments to it.
- The civil engineering work shall follow the standard specifications as per Red Book.
- The Geo-Synthetic material to be used shall adhere to specifications stated in SWM Rule 2016.
- MBMC is having its leachate treatment arrangement, as such adequate arrangement for collection and disposal of Leachate to Leachate Treatment Plant by pump shall be proposed in the proposal.

3. Method Statement:

- The designer should provide the detailed methodology for construction of the landfill
- The methodology shall provide the specifications and requirements of quality control frequency of testing for the material.

4. Design report:

- The designer has to prepare overall drawing of project plan.
- The drawings for the component parts as per requirement shall be provided in the project report.
- The detailed drawings wherever required shall be provided in the project report.
- The detailed standard specifications of the items involved in the construction of the Landfill shall be provided in the project report.
- The complete detailed project report along with all the drawings in 2 numbers of hard copies shall be submitted by the designer.

5. Vetting of Design:

- The detailed design report submitted by the designer along with all drawings shall be sent to NEERI for vetting of the design and drawings.
- The designer is expected to get complied all points raised by NEERI on the design report, and should make changes in the design report and on the drawings as suggested by NEERI and get the design report and drawings vetted from NEERI.
- The official vetting charges of the design report to be paid to NEERI will be borne by MBMC

6. Estimate of Sanitary Landfill:

- A detailed estimate for the construction of the said landfill shall be prepared by the designer.
- The estimate shall be based on the prevailing Schedule of Rates of PWD Maharashtra applicable for MBMC corporation area.



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7. Preparation of Draft Tender papers:

- The designer shall prepare draft tender papers for the work
- The tender paper shall be in B1 tender form including setting up of qualification criteria and all conditions of contract, in consultation with the MBMC.

8. Time limit:

- The designer is expected to submit the detailed project report in 2 hard copies for further submission to NEERI maximum in 30 days from date of work order.
- The designer shall get the project report vetted from NEERI within 15 days from the date of submission of it to NEERI.

The sealed envelopes of the quote for the above consultancy work shall be submitted their quotes in closed wallets on or before dt. 30 / 05 /2022 till 1.00 p.m. to the SWM department, MBMC. The Corporation reserves the right to accept one quotation or reject all quotations without giving any reason.


(Sharad Nanegaonkar)
Executive Engineer (SWM)
Mira Bhaider Municipality Corporation