



**BHRUHAT BANGALORE MAHANAGARA PALIKE**  
**Office of the Executive Engineer-3, SWM-1, 2<sup>nd</sup> Floor, Dasappa Hospital Compound,**  
**N.R. Road, Bangalore-02**

**No: EE -3/SWM-1/TEND/08/2012-13 CALL-2**

**Dated: 09.05.2013**

**2<sup>nd</sup> CALL**  
**REQUEST FOR PROPOSAL**  
**(Short term Tender Notification)**  
**(THROUGH e-PROCUREMENT PORTAL)**

1. The Executive Engineer-3 (SWM-1) Invites Proposals through e-procurement portal from experienced and competent bidders in Design, erection, commissioning, operation & maintenance of Municipal Solid Waste (MSW) Waste to Energy plant from Public / Private Entrepreneurs / Central/ state Govt. Organizations for establishing an Integrated Municipal Solid Waste Management Facility consisting of Waste Segregation, Material Recovery, Waste to Energy and Sanitary Landfill of 600 MTPD Municipal Solid Waste in enclosed facility at Kannahalli, Bangalore on DBFOT Basis as per MSW Rules 2000.
2. RFP documents may be downloaded from Government of Karnataka e-Procurement website <https://eproc.karnataka.gov.in>. The RFP can be downloaded in the portal as per prescribed date and time published in the portal.
3. Aspiring Bidders/Concessionaires who have not obtained the user ID & Password for participating in e-Procurement in Bhruhat Bangalore Mahanagara Palike (BBMP), may now obtain the same from the website [www.eproc.karnataka.gov.in](http://www.eproc.karnataka.gov.in)
4. Transaction fees and Earnest money deposit must accompany RFP document. The transaction fees and EMD of Rs 150 Lakhs should be paid online through E-procurement portal. Using any of the following payment modes: Credit Card, Direct Debit, National Electronic Fund Transfer (NEFT), and Over the Counter (OTC).
5. RFPs must be electronically submitted (on-line through internet) within the date and time published in e-procurement portal under Two cover system. The RFPs will be opened at prescribed time and date in the e-procurement portal.
6. Work, EMD, Performance security and period

Sl. No	Name of the Work	EMD	Performance Security Deposit	Period
1.	Establishing an Integrated Municipal Solid Waste Management Facility consisting of Waste Segregation, Material Recovery, Waste to energy and Sanitary Landfill of 600 MTPD Municipal Solid Waste at Kannahalli on DBFOT Basis	Rs. 150 Lakhs (Rupees One hundred and fifty Lakhs only)	5% of accepted project cost	For Installation and commissioning of plant within 18 months. O & M works 20 Years from the Commercial operational date (COD). That is from the date of actual operation of the plant and post closure, maintenance of sanitary landfill, of 15 years

**7. Scope of Work**

- a. The successful Bidder / Consortium will be provided with about 20 acres at Kannahalli for setting up processing waste facility on lease as is where is basis by the BBMP for 20 years with an additional period of 15 years for the post closure maintenance for landfill area.
- b. The BBMP shall supply 600 MTPD plus or minus 10% (sorted or unsorted) Municipal Solid Waste (MSW) to the facility.

- c. The Bidder /Consortium is required to Design, Build, Finance, Operate and Transfer (DBFOT) the facility capable of handling about 600 MTPD Municipal Solid Waste in accordance with MSW Rules 2000.
- d. The successful Bidder/Consortium should obtain the necessary clearances / sanctions / approvals from the competent authorities including but not limited to the following
  - a) License from local authorities.
  - b) Clearance from the Karnataka State Pollution Control Board (KSPCB).
  - c) Environment Committee clearance
  - d) BESCOM clearance for power supply.
  - e) Any other clearance from State / Central government Authority, as and when required.
- e. The Bidder/ Consortium is required to set up a MSW based waste to energy plant consisting of Waste Segregation, Material Recovery and waste processing to derive the end product like recyclables, biogas, methane, power and other items and Sanitary Landfill the rejects by approved scientific method as per MSW Rules 2000. The waste sent to the sanitary landfill shall be less than 15 % of the waste received.
- f. The successful Bidder/Consortium should operate and maintain the facility as per design and to required environmental standards. Periodical tests on environmental quality parameters, leachate, biogas and other recyclable items as applicable shall be conducted and meet relevant standards and the MSW Rules 2000. The records of the same shall be maintained and be produced before inspecting authorities of Karnataka State Pollution Control Board (KSPCB) / BBMP as required.
- g. The biogas, power and other recyclable items so produced can be utilized/ sold by the successful Bidder/Consortium to whomsoever they wish as per MSW Rules 2000.
- h. The Bidder / consortium is required to make their own arrangement at their own cost to Design, Build, Finance, Operate & maintain the facility and provide Basic amenities like water & power and associated Infrastructure like Internals Roads, fencing / compound Wall, fire fighting arrangements, buffer zone, necessary staff etc and meet requirements of MSW Rules 2000. The BBMP will not incur any expenditure towards these basic amenities & infrastructure.
- i. The Bidder/Consortium should quote the tipping fee per Metric tonne of waste received on site payable by BBMP to the concessionaire or tipping fee payable by concessionaire to BBMP (+ or – rate)in financial bid document by uploading in the Financial Bid. The fee would be inclusive of all taxes and levies as applicable.
- j. This tipping fee, payable to the Successful Bidder, will be subject to changes on a 3 year block period with an increase of 10 % for each block period over the previous period as per the provision of the Concession Agreement. The first such change shall occur on the third anniversary of the Commercial Operation Date. 15% of the tipping fee will be deducted from every month's bill by BBMP as a security for the post closure maintenance of landfill. This amount shall be transferred in Post Closure Performance Account by BBMP. The BBMP and the concessionaire shall, after joint discussion, invest the amount of Post Closure Performance Account in permitted investments. BBMP agrees to release the interest/income accrued from permitted investments once in three years to the concessionaire. BBMP and concessionaire will structure the operation of post closure accounts.

**8. Eligibility criteria:**

- a) The Bidder shall be a registered company under Indian Companies act 1956 or a Consortium with the Lead bidder being a company registered under Indian Companies act 1956. A special purpose company shall be formed by the successful bidder / consortium for signing the Concession agreement. In case of a consortium each member of the Consortium must have at least 10%

equity in the SPV and the lead member of the consortium must have at least 26% equity in the SPV. All the members of the consortium shall enter into a Joint Bidding Agreement that shall be submitted along with the bid.

- b) The Bidder or any member of the consortium (In case of consortium) should have implemented / operated at least 1 (one) processing facility anywhere in the world of minimum 500 MTPD fresh MSW capacity. The Reference processing facility should have handled mixed MSW. This processing facility should have been operative for at least 3 years during the last 5 years.
  - c) The bidder or the Lead member of the consortium (in case if consortium) should have at least annual turnover of Rs.200 crores (Rupees Two hundred crores) during each of the preceding two financial years and
  - d) The bidder or the Lead member of the consortium (in case if consortium) should have minimum net worth of Rs. 45 Crores (Rupees Forty five Crores) as per the last financial year's Audited balance sheet.
9. Bidder or member of Consortium must give detailed proposal as per the formats provided in the Instruction to bidders.
- a) The technical bid would be opened on date provided in the e procurement website.
  - b) The financial bid of those bidders / consortium who will be successful in their technical bids ONLY will be opened.
  - c) Bid evaluation and award procedure is given in the instruction to bidders.
  - d) The bid shall be valid for minimum period of 180 days.
10. Date of downloading the document **from 09.05.2013 after 4.00 PM.**
11. Pre-bid queries can be uploaded into the website till **17.05.2013 Up to 4.00 PM**
12. A Pre-bid meeting would be held on **20.05.2013 at 3.00PM**
13. Last date of uploading completed RFP document **23.05.2013 up to 4.00 PM.**
14. Date of opening the technical bid **25.05.2013 on or after 4.30 PM.**
15. BBMP has the right to accept or reject any proposal without assigning any reason whatsoever.
16. Any further information or clarification can be uploaded in to the website and clarifications will be issued on the website by BBMP.
17. Corrigendum/ modification/corrections, if any, will be published in the website only.

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Executive Engineer-3  
(SWM-1), B.B.M.P