

GOVERNMENT OF MAHARASHTRA
State Water and Sanitation Mission (SWSM)
Water Supply and Sanitation Department

REQUEST FOR PROPOSAL (RFP)
for
Design of Resource Recovery Centre

Reference No: SWSM/SBM/Cr.No.19/2023

Dated: 21-07-2023

1. Swachh Bharat Mission II Gramin SBM (G) was launched by Government Of India in 2020. The mission focuses on achieving ODF Plus. Solid Waste Management is one of the primary components under SBM(G) 2.0 to achieve ODF Plus. Maharashtra State is ambitiously moving forward in the sector to achieve the same. The SBM Mission Office is currently developing a variety of solid waste management facilities at the village/GP level to achieve the primary goals of the program. The Resource Recovery Centre (RRC) is one of important aspect under this program.
2. The SWSM now invites proposals on type design drawing from firms/ consultants in providing the concept & design drawings for Resource Recovery Centre which is economical to implement without compromise on quality.
3. **The qualification criteria for the applicant is as follows:**
 - I. The firms/ consultants should have minimum qualification B. E (Civil) / M. E (Civil/Structure) / M.Tech (Civil/Structure) /B .Arch/ M. Arch
 - II. The firms/ consultants shall have adequate knowledge of design of civil structure.
4. Consultants should submit the proposal fulfilling the following criteria / design requirements
 - a) Develop and submit type design for Resource Recovery Centre to be constructed at village / Gram Panchayat level including design concept, layouts, structural designs.
 - b) The RRC to include the following components & any other facility suitable for the shed

Mandatory components

 - A covered space / shed including all components for Solid Waste Management at GP level
 - Segregation space/ area for non-biodegradable waste
 - Partitioned storage space for various types of non-biodegradable waste.
 - Ramp for entry of E-rickshaw/collection vehicle and parking space
 - Vermi - compost pits / community composting / NADEP/ other
 - Rotational / movement spaces with ease of emptying / uploading waste and movement of vehicle.

Optional components

 - Incinerator
 - Restroom for operators with twin pit
 - For further details refer Swachh Bharat Mission II guidelines, Manual: Biodegradable Waste, Manual: Plastic Waste Management
 - Total type design to be submitted – 3 (1 type design for each size)
 - Size of shed: 500 Sq. Ft, 1000Sq.Ft., 1500 Sq. Ft, 2000 Sq.Ft.,3000 Sq. Ft

- The life span for the RRC to be considered is 25-30 years
 - The RRCs should be designed such that they demonstrate good quality, economical to implement, easy to install / construct.
5. The firms/ consultants should submit the type design as per above along with relevant cost estimate.
 6. From the Consultants, whose proposals meet the criteria as stated in para (3 & 4) above, the evaluation committee shall scrutinize the proposals submitted by consultant. The proposals will be finalized based on sustainability, best quality, most suitable design with economical cost, light weight material, life cycle cost on the basis of longest durability with minimum cost for operation and maintenance.
 7. The decision of evaluation committee is final for the selection of the proposal.
 8. **Financial details:**
 - I. The firms/ consultants should bear the preparation cost of proposal.
 - II. Only final selected proposal for each type design will receive a remuneration –
 - a) For Size of 500 Sqft – Cost of Rs. 3,000/-
 - b) For Size of 1000 Sqft – Cost of Rs. 6,000/-
 - c) For Size of 1500 Sqft – Cost of Rs. 9,000/-
 - d) For Size of 2000 Sqft – Cost of Rs. 12,000/-
 - e) For Size of 3000 Sqft – Cost of Rs. 15,000/-
 - III. No claims other than selected firm/ consultant will be considered for the preparation and submission of the proposal to SWSM.
 9. For any queries related to the RFP kindly contact SBM (G) Department, SWSM Office at 022-69762541 or physically visit at following address.
 10. The SWSM has right to accept or reject the proposal submitted by an applicant.
 11. In case of any discrepancies, the decision of the Mission Director will be final.
 12. The SWSM office holds the rights for changes in the conditions of the RFP if required at any stage.
 13. The proposal to be submitted in sealed enveloped by registered post at the address mentioned below on or before 15.00 hours dated 31st July 2023.

Sd./-

Mission Director (SBMG)
State Water & Sanitation Mission

Address:

Mission Director
State Water and Sanitation Mission
CIDCO Bhavan
South Wing 1st Floor C.B.D. Belapur
District Thane Pin-400 614
Website: www.wssso.in
Email ID: slwmswsm104@gmail.com/ pdsbmg@gmail.com