

## FRAMEWORK FOR EMPANELMENT OF AGENCIES FOR SOLID WASTE MANAGEMENT INITIATIVES

### 5. Design, Build and Operation of WM Plant by Private Agencies in Own Land (Including Collection)

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This provides an opportunity for private investment and full-scale integrated SWM solutions on privately owned land.

Key Feature	Detail
<b>Primary Goal</b>	Agencies with existing biodegradable waste processing facilities (or) are willing/ capable of investing in the biodegradable waste management sector, possessing their own/ leased encumbrance-free land and financial resources, and equipped to provide effective waste collection mechanisms.
<b>Contract Duration</b>	The empanelled agency shall enter a concessionaire agreement with the LSGI for at least 15 years
<b>Revenue Model</b>	Work shall be compensated on a <b>tipping fee basis</b> , paid by the LSGI for waste processing.
<b>Revenue Sharing</b>	Nil

- Scope:** The private agency will be responsible for the entire lifecycle: **Design, Build, and Operation** of the Waste Management (WM) plant on land owned or leased by the agency. This must also include the responsibility for **waste collection** from the designated area.
- DBO Projects:** The agency shall design, construct and operate the infrastructure (aerobic composting facilities or anaerobic digestion systems, or any other proven and environmentally sound technologies) required for the processing of biodegradable waste with a minimum capacity 3 TPD or above in their own own/leased encumbrance-free land within Kerala using any of the following technologies -
  1. Aerated static pile composting.
  2. In- vessel composting.
  3. Vermi or Bioconversion composting.
  4. Mechanized composting.
  5. Bio-methanation producing electricity/ gas.
  6. Any other technology accepted by CPCB/SPCB.
- PoC Projects:** Any new innovative technology which can be demonstrated for a minimum period of 90 days as Proof of Concept, to be approved by SPCB/ any agency delegated by Suchitwa

Mission.

- **Logistics and Transportation:** Own or lease a dedicated fleet of vehicles specifically equipped with **GPS tracking systems** for the efficient, transparent, and traceable transportation of the compost.
- **Record maintenance:** The agency shall maintain a complete record of bio waste received, quantity of waste processed, quantity of biogas/ compost/ ant byproduct generated and utilized.
- **Regulatory Compliance:** Strictly ensure unwavering adherence to all environmental regulations, guidelines, and standards prescribed by both the **Central Pollution Control Board (CPCB)** and the **State Pollution Control Board (SPCB)** throughout the processing and storage lifecycle.

**Link to apply :**

<https://docs.google.com/forms/d/e/1FAIpQLScLLHCx4A1U4prKHQSsRapAn6GJ133j-8coDzE56TvSGhaxZw/viewform?usp=publish-editor>