

FRAMEWORK FOR EMPANELMENT OF AGENCIES FOR SOLID WASTE MANAGEMENT INITIATIVES

6. Private Agency – Design, Build, and Operation of WM Plant in LSGI-Owned Land

(തദ്ദേശ സ്വയംഭരണ സഹാപനങ്ങൾ ലഭ്യമാക്കുന്ന ഭേദിയിൽ സ്വന്തം ചെലവിൽ ജൈവമാലിന്യം സംസ്കർണ്ണ സംവിധാനം തെക്കി ദിവസേനയുള്ള ജൈവമാലിന്യം ശാസ്ത്രീയമായി സംസ്കർക്കാൻ താത്പര്യം ഉള്ളവർക്കായി)

This category encourages private expertise to develop and operate facilities on land provided by the Local Body.

- **Scope:** The private agency will be responsible for the **Design, Build, and Operation** of the Waste Management (WM) plant on land legally owned by the Local Body (LB)/LSGI.
- **Revenue Model:** Work shall be compensated on a **tipping fee basis**, paid by the LSGI for the integrated service.

| Key Feature | Detail |
|--------------------------|--|
| Primary Goal | Agencies with the financial capability and willingness to invest in the biodegradable waste management sector are invited to establish waste management facilities on land owned by the Government or Local Self-Government Institutions (LSGIs). These agencies must also be equipped to provide efficient waste collection services. |
| Contract Duration | The empanelled agency shall enter a concessionaire agreement with the LSGI for at least 15 years |
| Revenue Model | Work shall be compensated on a tipping fee basis , paid by the LSGI for waste processing. |
| Revenue Sharing | A minimum 20% royalty share of the revenue generated from the sale of Compost/biomass/byproduct-sale must be shared with the respective LSGI (Local Body). |

- **Scope:** The private agency will be responsible for the entire lifecycle: **Design, Build, and Operation** of the Waste Management (WM) plant on land owned by the Government or LSGI. 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 5 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.
- **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.
- **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.
- **Record maintenance:** The agency shall maintain a complete record of bio waste received, quantity of waste processed, quantity of biogas/ compost/ any byproduct generated and utilized.
- **Experience Prerequisite:** Demonstrate one year prior experience and proven expertise in the professional management of organic waste streams and the production and handling of quality output such as biogas/ CNG/ compost/ any other byproduct.

Link to apply :

<https://docs.google.com/forms/d/e/1FAIpQLScLLHCx4A1U4prKHQSnRapAn6GJ133j-8coDzE56TvSGhaxZw/viewform?usp=publish-editor>