

**SUCHITWA MISSION****Local Self Government Department****Government of Kerala**

**Expression of Interest for the Empanelment of Companies, NGOs, and Organizations with existing biodegradable waste processing facilities or willing to invest in establishing facilities for the scientific management and processing of biodegradable waste in local bodies across Kerala.**

**File No. SM/1960/2025-C4****Date : 28-09-2025****I. INTRODUCTION**

Suchitwa Mission invites Expressions of Interest (EOI) from esteemed companies, NGOs, and organizations with existing biodegradable waste processing facilities or are willing to invest in setting up such facilities for the scientific management of biodegradable waste.

This initiative aims to establish a comprehensive framework for the efficient management of biodegradable waste (BDW) within local bodies across Kerala. We invite entities with a proven track record in waste management, as well as potential investors and those with promising and inventive ideas, to submit their Expression of Interest (EoI) for consideration. Empanelment criteria include, but are not limited to, experience in similar projects, financial stability, technological capability, and strong commitment to sustainability. Submissions should include a detailed organizational profile, a summary of relevant experience, proposed methodologies, information on existing biodegradable waste management facilities, any innovative concepts that could enhance the efficiency of the Biodegradable Waste Management System.

**II. DISCLAIMER**

1. The information contained in this Expression of Interest (here after expressed as "EoI") document or subsequently provided to agencies, whether in documentary form by SUCHITWA MISSION, is provided on the terms and conditions set out in this EoI and such other terms and conditions subject to which such information is provided.
2. This EoI is not an agreement or an offer by the SUCHITWA MISSION to the prospective agencies or any other person. The purpose of this EoI is to prepare a list of agencies eligible for participating in the provide interested parties with information that may be useful to them in the formulation & submission of their proposals pursuant to this EoI.
3. This is not an invitation to tender. Full tendering procedure will be applied to selected firms prequalified and found capable of executing the project. Only shortlisted firms will be contacted for the tender process. Nothing in the advertisement shall be

construed to be a commitment on the part of Suchitwa Mission. Suchitwa Mission does not guarantee to proceed further than the EoI, this invitation for EoI being neither an agreement nor an offer for award of work.

4. This EoI includes statements, which reflect various assumptions and assessments arrived at by the SUCHITWA MISSION in relation to this EoI. Such assumptions, assessments and statements do not purport to contain all the information that each agency may require.
5. This EoI may not be appropriate for all persons, and it is not possible for the SUCHITWA MISSION to consider the objectives, technical expertise and particular needs of each party who reads or uses this EoI. Information provided in this EoI to the agency may be on a wide range of matters, some of which may depend upon interpretation of law. The information given is not intended to be an exhaustive account of statutory requirements and should not be regarded as a complete or authoritative statement of law. SUCHITWA MISSION accepts no responsibility for the accuracy or otherwise of any interpretation or opinion on the law expressed herein.
6. SUCHITWA MISSION makes no representation or warranty and shall have no liability to any person including any agency under any law, statute, rules or regulations or tort, principles of restitution for unjust enrichment or otherwise for any loss, damages, cost or expense which may arise from or be incurred or suffered on account of anything contained in this EoI or otherwise, and any assessment, assumption, statement or information contained therein or deemed to form part of this EoI or arising in any way in this Selection Process.
7. SUCHITWA MISSION also accepts no liability of any nature whether resulting from negligence or otherwise, however arising from reliance of any agency upon the statements contained in this EoI.
8. SUCHITWA MISSION may, in its absolute discretion, but without being under any obligation to do so, update, amend or supplement the information, assessment or assumption contained in this EoI.
9. The issue of this EoI does not imply that SUCHITWA MISSION is bound to select an agency or to appoint the selected agency, as the case may be and the SUCHITWA MISSION reserves the right to reject all or any of the Proposals without assigning any reasons whatsoever.
10. The technologies/process proposed by the agency shall be environment friendly and complying with the waste management rules of the country. The proposed technology should be an approved one by the Central Pollution Control Board (CPCB). If suchitwa mission finds that the proposed technology is not compatible with existing rules of the state, the same shall be outrightly disqualified.

Suchitwa Mission is pleased to announce our intention to empanel agencies in the state-of-the-art biodegradable waste management sector to enhance our waste management capabilities. We invite expressions of interest from qualified and reputable agencies with proven expertise in delivering innovative solutions for the processing and management of biodegradable waste.

### **III. SCOPE OF WORK :**

We invite qualified agencies to provide solutions that encompass the following aspects, but are not limited to :

1. 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.
2. 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 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.
  7. 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.
3. The agency shall implement efficient waste sorting and segregation methods at appropriate stages to ensure optimal processing and quality of output.
4. Establish a revenue collection mechanism through tipping fees imposed on the LSGIs in accordance with government norms.
5. Enter into agreement with LSGIs through tendering process to facilitate the systematic collection, transportation and processing of biodegradable waste from the respective LSGIs. The services of private agencies empanelled by Suchitwa Mission for the collection of biodegradable waste can also be engaged to establish the collection system.
6. Maintain accurate and up-to-date records detailing the quantities of waste collected, processed, and the output generated. Submit these records in the format prescribed by Suchitwa Mission as and when directed.
7. The proponent shall use the vehicle tracking platforms developed by the Kerala State Pollution Control Board or Suchitwa Mission for monitoring waste transportation. Must ensure the timely and accurate entry of all relevant data into these platforms.
8. The agency shall handle, manage, and dispose of all outputs, residues, leachate, effluents, and emissions generated in the process of waste treatment, strictly in accordance with all applicable local, state, and national environmental laws and regulations.

Further, the technology proposed to be used should be economically viable, suited to the local conditions, and environmentally compliant as per the Solid waste management Rules,2016 as amended from time to time.

#### **IV. ELIGIBILITY CRITERIA :**

The interested entity shall essentially meet the following eligibility criteria :

- The agency shall have proven expertise in executing similar projects within the solid waste management, specifically in the biodegradable waste management sector.
- The applicant shall be an entity engaged in the biodegradable waste management

sector with a registered office in India.

- The proponent shall be a registered firm with valid Goods and Service Tax number for the line of business the entity is engaged in.
- The agency shall comply with Solid waste management rules and all the guidelines published by Suchitwa Mission, KSPCB and Government of Kerala.
- While selecting the agency, weightage shall be fixed for government registrations, technical knowledge, certifications received, experienced manpower etc.
- The agency shall not be blacklisted by the Central/ State Government or PSUs.

## **V. DOCUMENTS TO BE SUBMITTED :**

Interested companies/ applicants are requested to furnish the following information to Suchitwa Mission. The submission shall be made in both electronic and hard copy format. The submission should include:

1. A brief overview of the technology and machinery used, pollution control measures adopted, along with details of land availability and waste management facilities available within Kerala.
  2. Company Incorporation Certificate/ Registration Certificate.
  3. CA audited balance sheet and annual report for the last 3 years.
  4. Self declaration on agency letter head duly signed and sealed by the Company Secretary stating they are not blacklisted by Central/ State Government or PSUs.
  5. GST Registration Certificate.
  6. Details of the previous works undertaken by the agency relevant to biowaste processing.
  7. List of existing and past clients with details of services offered, details of similar projects executed with copies of agreements, work order completion, satisfaction certificates, CVs of key personnel and other related details to verify all eligibility criteria shall accompany the EoI.
  8. CAPEX for establishing unit capacity plant, land availability in Kerala.
  9. Estimated O&M cost based on the proposed capacity of the plant.
    - Manpower staffing for the project including details of manpower requirements (skilled and semi-skilled)
    - Operational costs (kindly specify actual values for operational requirements- costs of inoculum, sawdust or any other additives)
  - Total proposed working days in a month.
  - Total operational cost (monthly).
  - Daily expected usage of electricity (avg) in kWh.
  - Daily expected usage of fuel (avg) .
  - Daily expected usage of water (avg).
  - Daily generation of leachate or any other effluent (kg/litre)
  - Proposed usage of all the byproducts
10. Proposed tipping/ processing fees for processing unit quantity of biodegradable waste (including and excluding collection system)

#### 11. Environment management plan :

- Emissions (indicate type of pollutants, emission levels, emission control technologies adopted)
- Inert waste (indicate quantity generated as % of input stream, composition, on-site/off- site disposal mechanism in place)
- Other waste (indicate quantity generated as % of input stream, composition, on-site/off- site disposal mechanism in place)
- Leachate (indicate quantity generated as % of input stream, composition, on- site/off- site treatment mechanism in place)
- Odour (describe odour management plan in place)

\* All the aforementioned documents must accompany the application and be satisfied to fully meet the eligibility criteria and further advancement of the evaluation process.

#### **VI. EVALUATION PROCESS :**

The proposals received for empanelment in response to this EoI will be subjected to the following process :

- Applications received in response to the Expression of Interest (EoI) will undergo an initial verification and review by the State Suchitwa Mission. Only those agencies whose proposals and supporting documents are complete, satisfy the prescribed eligibility criteria outlined in the EoI will be invited for the Technical Committee Meeting.
- During the Technical Committee meeting, the agency will be evaluated based on their technical presentation, knowledge and experience in the relevant sector and further assessed based on technical suitability and environmental compliance, Financial and operational feasibility, and past experience.
- As part of the evaluation process, the respective District Suchitwa Mission (DSM) may conduct field inspections to assess the applicant's operational capacity and on-ground performance.
- The Technical Committee reserves the right to request additional presentations or clarifications if any eligibility concerns arise during the evaluation. Agencies that clearly respond to the committee's queries, fulfill all evaluation criteria and demonstrate the required competency will be considered for empanelment under the relevant category. The final evaluation and decision regarding empanelment rest entirely with the Suchitwa Mission Technical Committee.

#### **VII. HOW TO APPLY :**

Applicants are required to submit a detailed proposal for empanelment, including all supporting documents specified in this Expression of Interest. The proposal must clearly demonstrate the applicant's credentials, claims, and relevant experience. A soft copy of the

proposal should be emailed to “sanitationkerala@gmail.com”, and a hard copy must be sent addressing :

**The Executive Director,**

**Suchitwa Mission**

**Fourth Floor, Revenue Complex**

**Public Office Compound, Palayam – 695033**

#### **VIII. GENERAL INFORMATION FOR RESPONDENTS**

1. The purpose of this EoI is to solicit information on Biodegradable waste management technology. At the same time this EoI provides the opportunity for companies/agencies to assist Suchitwa Mission in gathering technical information pertaining to setting up of Plants/Setup for processing of wet waste in an environment friendly manner.
2. This EoI process is undertaken by Suchitwa Mission for the purpose of receiving data and information for planning purposes, and is a request for competitive proposals; therefore, responses to this notice will be considered offers and shall be accepted by Suchitwa Mission to form a binding Contract.
3. This EoI does not constitute a solicitation or a promise of a solicitation in the future and shall not be construed under any circumstances as a pre-requisite or prequalification procedure. As such, this EoI may be considered as a request for proposals or as a tender or any Procurement Action. This EoI shall not, under any circumstances, constitute any commitment on Suchitwa Mission to negotiate with any or all interested parties, to enter into any Agreement for provision of services at this stage.
4. Moreover, to preclude any doubt, it is emphasized that Suchitwa Mission shall have the right to reject, in whole or in part, any opinion, conclusion or information delivered to it through this EoI. Suchitwa Mission shall also have the right to use the information presented and/or submitted to it for the purpose of planning and preparing a tender or any other procedure, should SUCHITWA MISSION decide to implement one.
5. Suchitwa Mission shall not be bound to accept and/or consider any Response and it does not undertake herein any commitment whatsoever towards any of the interested parties. Suchitwa Mission may ignore any response which lacks information or has unclear details. The firm may be called to give presentations before a committee.
6. It does not create any obligation on Suchitwa Mission's part to commence, continue or complete any purchase procedure and/or to act in any other method of acquisition, and Suchitwa Mission shall act at its sole and absolute discretion in this respect. This EoI does not commit Suchitwa Mission to contract for any supply or service or to publish any tenders or any other further procedure. Suchitwa Mission will not be obligated to pursue any particular acquisition alternative as a result of this EoI.
7. SUCHITWA MISSION shall not be charged in any manner for the submission of information in accordance with this procedure. Respondents are advised that SUCHITWA MISSION will not pay for any information or administrative costs incurred in response to this EoI. All costs associated with responding to this EoI are solely at the responding parties' expense. Every Respondent shall bear their own costs with respect to this EoI and any information presented and/or submitted to

SUCHITWA MISSION through this EoI is provided voluntarily.

8. Depending upon the submissions received, SUCHITWA MISSION may, as a result of this EoI, approach, at its sole discretion, one or more of the Respondents and/or any other party, in order to obtain additional information. SUCHITWA MISSION may also decide to set aside a period of time to gain such further information and visit their facilities of any or all the proposers.
9. SUCHITWA MISSION may wish to share submitted information with outside technical experts for evaluation assistance in which case they will be informed about the privileged nature of the information. However, if a submitter wishes their information to be made available only to Suchitwa Mission, a prominent label/watermark stating "for Suchitwa Mission" must be placed on each such page and information be specifically marked as confidential.
10. Respondents are solely responsible for properly marking and clearly identifying any proprietary information or trade secrets contained within their response. Suchitwa Mission will not be liable for, or suffer any consequential damages for any proprietary information not properly marked and clearly identified. Proprietary information received in response to this EoI will be safeguarded and handled in accordance with applicable regulations.
11. SUCHITWA MISSION reserves the right to accept any commercial proposals from entities which did not participate in this EoI process but submit the bids in response to call for commercial bids in future, arising in whole or in part from the present EoI.
12. SUCHITWA MISSION reserves the right, at any time and at its sole discretion, to amend this EoI or any aspect thereof, as well as to extend the date for submission of the Responses. In addition, Suchitwa Mission reserves the right to cancel this EoI in its entirety at its sole discretion, without providing the Respondent(s) any (or no) reason or explanation.
13. The decision of SUCHITWA MISSION shall be final and binding in evaluating and short listing the appropriate technology provider to be used in local bodies in Kerala either from among the submissions in response to this EoI or from such source as deemed fit and suitable. SUCHITWA MISSION will endeavor to preserve the confidentiality of the information provided if at all.

#### **IX. CONTACT INFORMATION :**

For any inquiries or to submit your expression of interest, please contact: Executive Director Suchitwa Mission Fourth Floor, Revenue complex, Public office Compound, Palayam - 695 033 sanitationkerala@gmail.com 04712316730 We look forward to receiving your expression of interest and working with innovative partners who share our commitment to environmental sustainability. Together, we can make a significant contribution to biodegradable waste management.

Yours faithfully

U.V.Jose IAS (Retd)

EXECUTIVE DIRECTOR

**Revenue Complex,4th Floor, Public Complex Compound, Thiruvananthapuram- 695 033**

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