

भारतीय सूचना प्रौद्योगिकी,
अभिकल्पना एवं विनिर्माण संस्थान, कांचीपुरम
**INDIAN INSTITUTE OF INFORMATION TECHNOLOGY,
DESIGN AND MANUFACTURING, KANCHEEPURAM**
Melakottaiyur, Chennai – 600 127, Tamil Nadu, India.



**NOTICE INVITING EXPRESSION OF INTEREST(EOI)
FOR PROCESSING OF SOLID WASTE AT IIITDM
KANCHEEPURAM**

**Invitation for Expression of Interest (EOI) for processing of solid waste in IIITDM
Kancheepuram Campus**

1.	Service	Expression of Interest(EOI) for Processing of Solid Waste at IIITDM Kancheepuram
2.	EOI Enquiry No.	IIITDMK/2025-26/GSS/EOI/SWM/001
3.	EOI publishing date	02.03.2026
4.	Bid submission date and time	23.03.2026 and 16.00 hrs.
5.	Bid opening date and time	23.03.2026 and 17:00 hrs.
6.	Place for submission of bids	Documents are to be sealed and placed in a larger envelope superscribed Bid for EOI Enquiry No. and dropped in the tender box kept in the ground floor of the Administration building at the Indian Institute of Information Technology, Design and Manufacturing, Kancheepuram, Melakottaiyur, Off Vandalur-Kelambakkam Road, Chennai – 600 127.
7.	Duration of Contract	05 years

IIITDM Kancheepuram, an autonomous institute under Ministry of Education, GoI intends to develop an in-house facility for treatment of **wet solid waste** at the Campus located at Kandigai Village, Vandalur-Kelambakkam Road, Chennai 600127.

The solid waste is to be treated with all applicable laws and regulation as per latest guidelines issued by the State Government. Director IIITDM Kancheepuram invites EOI from specialized agency/ Organisation/NGO dealing with similar work.

Those interested agencies/firms may **download** the EOI tender from IIITDM Kancheepuram website (www.iiitdm.ac.in) EOI be sent to sealed envelope containing all documents in sealed envelope super scribed “ Expression of interest” for solid waste management so as to reach GSS Office, IIITDM Kancheepuram by 23.03.2026 before 16.00 Hrs

S/D

Registrar, IIITDM Kancheepuram

Expression of Interest for Waste Processing Facility to achieve THE GOAL OF A ZERO WASTE CAMPUS

IIITDM Kancheepuram solicits submission of expression of interest for setting-up “Solid Waste and horticulture waste Processing Facility” at Campus located at Kandigai Village, Vandalur-Kelambakkam Road, Chennai 600127.

Expression of interest is hereby called from experienced companies/organizations, with well-established sound financial background, established project management credentials technical background in designing, constructing and operating **Solid waste processing facilities** ranging from **200-300 Kg wet waste ,about 100 Kg horticulture waste and other on daily basis** in its campus situated at Campus located at Kandigai Village, Vandalur-Kelambakkam Road, Chennai 600127.

The processing should be in compliance with the MSW Rules 2016.

EOI is invited from interested parties to propose any suitable technology for processing of solid waste like:

Sl.#	Type of waste	Conversion methods *
1.	Wet Waste and Horticulture waste	<ul style="list-style-type: none">• Static pile composting• In-vessel composting• Vermicomposting• Bio-methane producing electricity/gas or combination of these options
2.	Plastic waste	<ul style="list-style-type: none">• Converting to re-usable pellets/ or other forms
3.	Paper and other combustible waste	<ul style="list-style-type: none">• Converting of waste to usable form
4.	E-Waste	<ul style="list-style-type: none">• As per GoI Norms

*** The above list is not exhaustive and other technologies can also be proposed.**

The proposal should have full detail of IPR ownership /Licenses involved, IIITDM reserve the right to seek additional detail as may be required from the original holder of such IPR/Copyright or the licensor as the case may be.

The interested agencies /Organisation/NGOs should submit the expression of interest (EOI) in a sealed cover containing all the documents as mentioned in EOI document to Registrar, IIITDM Kancheepuram on any working day by 23.03.2026 before 16.0 Hrs

The interested Agencies /organization /NGO /may visit the site (IIITDM Kancheepuram) for assessment of solid waste of these Institute.

Background

IIITDM Kancheepuram is an Institute of National Importance dedicated to teaching, research, design and development. The campus is spread on 51.75 Acres having office area and residential area about 80 faculty housing and Hostel accommodation for 2000+ students.

Scope of Work

For Management of Solid Waste, IIITDM Kancheepuram invites “Expression of Interest” (EOI) from reputed firms having experience in solid waste management and processing. The interested parties may submit their Expression of Interest to Design, Build/Installation, Commissioning, Operation and maintenance for minimum 5 years’ time period. The proposal shall take care of waste generated from Residential and Non-Residential area of the Institute. The approximate number of users are as follows: -

SI.#	Descriptions	Strength in Numbers
1.	No of Families Residing in Houses of campus	80
2.	Students/PA/SR/JRF in the institute	2000+
3.	Staff and Visitors, contractor staff (Office Area)	500

Total quantity of wet waste (Segregated) is 600 kg (Estimated only) in IIITDM Kancheepuram, and horticulture waste is about 100 kg. The Processing technology used should be eco-friendly and in conformity with the NGT Environmental Rules & Regulations, Solid Waste Management Rules.

Further, the technology proposed to be used should be economically viable, suited to the local conditions, and environmentally compliant as per the MSW Rules, 2016, as amended from time to time. Broadly, the tentative scope of the work would include:

- Design, install, commission and operate the Solid Waste Processing Facility (for wet waste, plastic waste and combustible waste (including papers) that is adequately designed to handle.
- Provide adequate in-house/outsourced technical support for troubleshooting, maintenance, repairs, etc. throughout the duration of the project, including during design, installation, commissioning and operational phase of the project.
- Handle, manage and dispose of any residue, left over, effluents, and emissions in the process in accordance with local and national rules and regulations.
- Collection of segregated wet organic solid waste from all points of generation would also be the responsibility of the implementing agency.

Interested companies/applicants are requested to furnish the following information along with a signed declaration of intent:

1. Details of company/organization

Please provide details of the entity(s) which is/are submitting an Expression of Interest for the project:

SI.#	Particulars	Details
1.	Name	
2.	Legal Status (Company: Public/Private, Partnership, Limited Liability Partnership, Sole Proprietorship, Any order)	
3.	Country of Incorporation	
4.	Date of establishment in DDMMYY format	
5.	Principal place of business	
6.	Contact details of designed representative o Name	
7.	Designation of Address	
8.	Phone No./Fax No./E mail	

The company may provide above-mentioned information in a clear tabular form as per the Table given below:

Name of Company with Complete Address	
Key Person of the Company	
Turnover/Income of the Company in Last 5 Years	
Number of Similar Projects	
Name of Company with Complete Address	

2. Details of the technology provider (if different from the agency)

Please provide details of the entity whose technology is being proposed by the agency for wet Waste and horticulture waste Processing Facility:

Name	
Legal Status (Company: Public/Private, Partnership, Limited Liability Partnership, Sole Proprietorship, Any order)	
Country of Incorporation	
Date of establishment in DDMMYY format	
Principal place of business	
Contact details of designed representative	

3. Technology proposed and detailed cost analysis

Please provide the details of technology used in the proposed wet waste and horticulture waste processing facility –

3.1 Technology

- Suitability of organic waste treatment technology for treating wet waste and horticulture waste processing facility.
- Land requirement for the technology.
- Plan for monetising the by-product from waste
- Strategy for managing the Technology for Waste Management (repairs, maintenance, patenting, etc.).
- Any other issues related to the use of technology. *Note:* The Company may provide the above-mentioned information in a clear tabular form as per the Table given below:

Plant Capacity (TPD)	Organic waste	Inert/Residue

3.2 Estimated Capital cost

Estimated Capital Cost	Funding Structure	Capital Investment by the Company	Time Required for Setting-up the Plant

3.3 Estimated O&M cost

- Manpower staffing for the project including details of manpower requirements (skilled and semi-skilled)
- Operational costs (kindly specify actual values for operational requirements) (a) Total operational cost (monthly) (b) Daily usage of electricity (avg) in MW (c) Daily usage of fuel (avg) (d) Daily usage of water (avg)

4. Credentials/Experience in handling similar projects

Please provide the details of projects based on the company's proposed wet municipal waste processing technology with a similar capacity that have been completed, or are in the stage of completion by the company. Mention projects in ascending order of capacity, and furnish the following for each project:

- Name of the Client / Public Authority awarding the project
- Date of completion of the project (in MMY format)
- Scale of the project (Daily processing capacity)
- Type of organic waste processing technology used: (a) Type of Composting (b) Technology for Bio-methanation producing electricity (c) In vessel composting
- Any other technology

Operation mode:

- Receipt of waste, all 7 days of week, all 365 days (Yes/No)
- Input / Output streams and yields
- Land requirement including plant footprint area (in Sq Mt)
- Environment management plan o Emissions (indicate type of pollutants, emission levels, emission control technologies in place)
- 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)

- Scope of work of the company
- Scope of work of the IITDM awarding the project
- Duration of contract
- Any risks perceived for success of the project and risk mitigation mechanisms undertaken

5. Any other Additional Information relevant to proposal

General Information for Respondents

1. The purpose of this EOI is to solicit information on waste management technology. At the same time this EOI provides the opportunity for companies/agencies to assist IIITDM Kancheepuram 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 IIITDM for the purpose of receiving data and information for planning purposes, and is not a request for competitive proposals; therefore, responses to this notice are not considered offers and shall not be accepted by IIITDM 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 is not to 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 IIITDM to negotiate with any or all interested parties, nor to enter into any agreement for provision of services at this stage.
4. Moreover, to preclude any doubt, it is emphasized that IIITDM shall have the right to reject, in whole or in part, any opinion, conclusion or information delivered to it through this EOI. IIITDM 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 IIITDM decide to implement one.
5. IIITDM 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. IIITDM 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 IIITDM's part to commence, continue or complete any purchase procedure and/or to act in any other method of acquisition, and IIITDM shall act at its sole and absolute discretion in this respect. This EOI does not commit IIITDM to contract for any supply or service or to publish any tenders or any other further procedure. IIITDM will not be obligated to pursue any particular acquisition alternative as a result of this EOI.
7. IIITDM shall not be charged in any manner for the submission of information in accordance with this procedure. Respondents are advised that IIITDM 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 IIITDM through this EOI is provided voluntarily.
8. Depending upon the submissions received, IIITDM 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. IIITDM 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. IIITDM 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 IIITDM, a prominent label/watermark stating "for IIITDM " 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. IIITDM 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. IIITDM reserves the right to accept as 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. IIITDM reserve 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, IIITDM 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 IIITDM shall be final and binding in evaluating and short listing the appropriate technology to be used in campus.

14. The Surrounding of the soild waste treatment facility shall be free from odour.

Applicant's Declaration

Date :

To:
The Registrar,
IIITDM Kancheepuram,
Chennai - 600127.

Dear Sir,

In response to your invitation towards Expression of Interest for design, installation, commissioning, and operation of wet waste and horticulture waste processing facility at IIITDM and, we _____ hereby declare our interest to submit our proposal for this project, and further declare that:

- The information provided in this EOI application is true and correct to the best of our knowledge.
- We will inform IIITDM immediately if there is any change in the information provided in this application at any stage during the EOI / tender procedure or during implementation of the project scope.
- We also understand that if information provided is proved false, the application and any award made on its basis may be considered null and void.
- The information provided is not proprietary or protected by IPR/copy right unless specially indicated where applicable.

Yours faithfully

,

<Name of authorized signatory>,

<Designation>