



Nagar Nigam Saharanpur

NAME OF WORK - Expression of Interest (EOI) For “Supply, Installation and Maintenance of mechanized Pre-Processing Unit for Mixed Municipal Solid Waste, with the objective of Maximizing recovery of the organic biodegradable fraction”.

Chief Engineer
Nagar Nigam Saharanpur, Gurudwara Road,
Saharanpur – 247 001

Chief Engineer
Nagar Nigam Saharanpur, Gurudwara Road,
Saharanpur – 247 001

No: Civil (Project)/2025-26/334

Date: 24/7/25

EXPRESSION OF INTEREST (EOI)

On behalf of Municipal Commissioner, Nagar Nigam, Saharanpur, Chief Engineer invites Expression of Interest (EOI) for

“Supply, Installation and Maintenance of mechanized Pre-Processing Unit for Mixed Municipal Solid Waste, with the objective of Maximizing recovery of the organic biodegradable fraction”.

Date of start:	25-07-2025
Last Date & Time for Download:	15-08-2025 03:00 PM
Date of Presentation/Meeting (Video-conference) :	07-08-2025 03:00 PM
Last date and time for submission of EOI	15-08-2025 03:00 PM

Date / Time opening of EOI : 15-08-2025 04:30 PM

EOI document may be downloaded from website <http://etender.up.nic.in>.

Digitally signed by
BHUPESH KUMAR SINGH
Date: 24/07/2025
18:35:56

Copy to:-

1. Municipal Commissioner -for kind information pl.
2. AMC I/ AMC II-for kind information pl.
3. Municipal Health Officer- for kind information pl.
4. Env. Engineer for Info and necessary action pl.

5. newspapers... 57/2/2025 / Copy to daily
DAVP rate. for publishing as per

Chief Engineer



Chief Engineer
Nagar Nigam Saharanpur, Gurudwara Road,
Saharanpur – 247 001

“Expression of Interest (EOI) For Supply, Installation and Maintenance of mechanized Pre-Processing Unit for Mixed Municipal Solid Waste, with the objective of Maximizing recovery of the organic biodegradable fraction”.

“Expression of Interest (EOI) For Supply, Installation and Maintenance of mechanized Pre-Processing Unit for Mixed Municipal Solid Waste, with the objective of Maximizing recovery of the organic biodegradable fraction”.

1. Background:

Nagar Nigam, Saharanpur (NNS) entrusted with the crucial responsibility of managing the Municipal Solid Waste (MSW) generated across its urban and semi-urban areas. At present, the city produces an average of approximately 391 metric tons per day (TPD) of MSW, which is a mix of biodegradable organic (wet) waste and non-biodegradable (dry) waste, including plastics, metals, textiles, and inert materials.

To support sustainable waste management in line with the Municipal Solid Waste Management Rules, 2016, and supporting renewable energy production, NNS intends to supply 150 TPD Minimum & 180 TPD Maximum of segregated organic waste to Bharat Petroleum Corporation Limited (BPCL) on a daily basis for its proposed Compressed Bio Gas (CBG) plant at Ghunna Maheshwari.

To ensure proper segregation and preparation of high-quality organic feedstock, the NNS intends to install a mechanized pre-processing line and seeks expressions of interest (EOI) from eligible and experienced agencies to design, supply, install, commission, and maintain the necessary waste pre-processing machinery. The proposed solution must include equipment such as trommel screens, air density separators, ferrous separators, shredders, and associated conveyance systems. This system will play a pivotal role in separating and refining the organic fraction from the mixed municipal waste stream, ensuring that only clean, high-quality biodegradable waste is sent to the CBG facility.

2. Objective:

The primary objective of this Expression of Interest (EOI) is to identify and engage qualified agencies capable of providing a comprehensive solution for the mechanized pre-processing of Municipal Solid Waste (MSW). Specifically, Nagar Nigam, Saharanpur seeks to obtain detailed technical proposals, including:-

- Complete cost estimates for supply, installation, and operation of the required machinery.
- Area requirements for setting up the Segregation line.
- A technical layout plan detailing equipment configuration and flow of waste.

The proposed system should be capable of:

- Handling of around 400 TPD or more of mixed municipal solid waste on a daily basis.
- Efficiently segregating organic waste to yield 150-180 TPD of pure organic waste suitable for CBG production.

3. Scope of Work:

The selected agency shall provide a turnkey solution and required to:

- a) Study the characteristics of Saharanpur's mixed MSW.
- b) Propose suitable technologies and equipment for pre-segregation (manual, semi-automated, automated).
- c) Estimate the land/area requirement for the segregation system.
- d) Provide detailed costing for:
 - Civil and electrical infrastructure.
 - Machinery and equipment.
 - Operational and maintenance costs.
- e) Supply, installation, testing, and commissioning.
- f) Training of operators.
- g) Operation and Maintenance (O&M) support for minimum 3–5 years.
- h) Spare parts availability and service warranty
- i) Recommend layout and workflow for optimal efficiency.

- j) Ensure that the segregated organic waste meets the quality norms required by BPCL for its CBG plant.
- k) Submit a comprehensive feasibility report.

4. Eligibility Criteria:

Interested agencies should;

- a) Have prior experience in waste processing or municipal infrastructure projects.
- b) Have successfully completed at least one similar project (segregation/processing of MSW) in the last 5 years.
- c) Be registered and compliant with relevant statutory and environmental laws.

5. Submission Requirements:

Firms interested to be considered for short listing may intimate office of Chief Engineer, Nagar Nigam, Saharanpur in writing about their technical capabilities. Following documents shall be enclosed with EOI, which will be used for short listing.

- a) List of similar assignments completed successfully with brief project description, relevancy, and information of cost of the services, cost of project, employer and funding agency. The agency should have prior experience in pre-processing fresh municipal solid waste (MSW) for a city with a population of over 5 lakh, or should have handled at least 250 TPD of MSW through pre-processing activities.
- b) List of similar works/ assignments in progress with brief project description relevancy, information of cost of the services, cost of project, employer and funding agency.
- c) Strategies and feasible methods for current project. The firms may be required to make a presentation.
- d) Company profile and a list of relevant skills with the staff and indicative Curriculum Vitae.
- e) Project delivery capability in India.
- f) Company registration certificate/s and document/s.
- g) Latest Annual Report and audited accounts.
- h) Document/s clearly showing last three (3) year annual turnover figures.
- i) Eligibility statement.

All above documents / certificates for the firm / and joint venture / consortium partners must be submitted in the EOI.

Only the firms having the required qualifications shall be considered for short listing. Only the shortlisted firms or association shall be invited to submit their detailed proposals.

Firms barred from participating in any project funded by the Govt of India/ Govt of UP on the date of submission of their EOIs, will not be eligible to participate in this project. A declaration to that effect shall be furnished by applicants.

The complete proposal indicating the firm's interest in taking up the assignment with all relevant information as above copies of relevant documents for verification and full contact address shall be submitted in one hard copy and one soft copy at the address mentioned below on or before last date and time of submission of EOI given in the Notice Inviting Expression of Interest for this work.

No application shall be received after the deadline.

6. Presentation/Visit/Communication:

Presentation will be held on date specified in notice of EOI. Prospective applicants may visit the office of the Authority to review the available documents and data at anytime prior to last date of receipt of EOI. For the convenience of outstation applicants or those unable to attend in person, the SNN will also facilitate participation in the presentation through video conferencing. Interested agencies are requested to inform in advance if they wish to join remotely. The contact person for this purpose shall be:

Chief Engineer
Nagar Nigam Saharanpur, Gurudwara Road,
Saharanpur – 247 001

7. Submission of EOI:

The expression of interest shall be submitted in a sealed cover, indicating therein “Expression of Interest (EOI) For Supply, Installation and Maintenance of mechanized Pre-Processing Unit for Mixed Municipal Solid Waste, with the objective of Maximizing recovery of the organic biodegradable fraction”.

The soft copy of EOI may be mailed to nagarnigamsaharanpur@gmail.com.

Nagar Nigam shall examine the proposal and evaluate them as per information and documents submitted by the firms to finalize the list of short-listed firm/consultants. However, NNS reserves the right to accept or reject any or all of the EOIs without assigning any reason whatsoever.

NNS shall not accept any explanation for any delay in transit or any reasons in receiving any EOI beyond the last date and time as mentioned in this invitation notice.

The expression of interest with all documents shall be sent to:

Chief Engineer
Nagar Nigam Saharanpur, Gurudwara Road,
Saharanpur – 247 001