

**GREATER NOIDA INDUSTRIAL DEVELOPMENT AUTHORITY
GAUTAM BUDH NAGAR, UTTAR PRADESH**

EXPRESSION OF INTEREST (EOI)

for

**Centralized Waste Management including Door to Door
Collection & Transportation of Municipal Solid Waste in
Greater Noida**

November 2023

Issued by:

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park IV,

Greater Noida, Uttar Pradesh 201308.

Website: <https://www.greaternoidaauthority.in>

EOI for Centralized Waste Management including Door to Door Collection & Transportation
of Municipal Solid Waste in Greater Noida

Disclaimer

This Expression of Interest (Eoi) for "Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste" ('the Project') contains brief information about the Project and scope of work for the prospective Bidder. The purpose of Eoi is to provide the Bidder with information to assist the formulation of their response.

While all efforts have been made to ensure the accuracy of information contained in this Eoi document, this document does not contain all the information required by the Bidder. The Bidder are encouraged to conduct their own independent assessment, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their response. Greater Noida Industrial Development Authority (GNIDA or the Authority) and any of its employees or advisors shall incur no liability under any law, statute, rules or regulations as to the accuracy or completeness of the Eoi document.

GNIDA has issued this Expression of Interest with the best intention to explore the market for eligible and interested bidders and has no compulsions to enter into definitive contractual agreements. This EOI does not guarantee conversion of this EOI into any definitive contractual agreements. GNIDA reserves the right to change any or all conditions/ information set in this Eoi document by way of revision, deletion, updating or annulment through issuance of appropriate addendum as GNIDA may deem fit without assigning any reason thereof. GNIDA reserves the right to accept or reject any or all applications without giving any reasons thereof. GNIDA will not entertain or be liable for any claim for costs and expenses in relation to the preparation of the applications to be submitted in terms of this Eoi Document.

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of Municipal Solid Waste in Greater Noida

EOI Data Sheet

S. No.	Particulars	Details
1	Name of Project	EOI for Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste
2	Authority's Project Representative	SM, Health Greater Noida Industrial Development Authority Plot No. 1, Knowledge Park IV, Greater Noida, Gautam Budh Nagar, Uttar Pradesh 201308 Email: health@gnida.in Website: www.greaternoidaauthority.in
3	Proposal Presentation Date	23/11/2023, 02:30 PM (IST) (Board Room, 4th Floor, Admin Block, GNIDA, Knowledge Park IV, Greater Noida)
4	Proposal Due Date (PDD)	22/11/2023, 05:00 PM (IST) All interested participants are requested to send their documents and presentation to health@gnida.in
5	Response validity duration	180 days from the Last date of submission
6	EOI fee	Nil

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1. Invitation for Expression of Interest

Greater Noida Industrial Development Authority ("GNIDA" or "the Authority") invites Expression of Interest (Eoi) for "Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste" ("the Project"). Interested Bidders can download the document from the website www.greaternoidaauthority.in, and submit their "Expression of Interest" in the formats duly filled and signed with required enclosures, via email superscribed "Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste"

2. Key Instructions

Interested Bidders should make note of the following key points:

- a) This Eoi invitation document is not a Tender or Request for Proposal in any form and would not be binding on GNIDA in any manner whatsoever.
- b) GNIDA reserves the right to cancel the Eoi invitation as a whole or in part without assigning any reasons.
- c) The Bidders are encouraged to conduct their own independent assessment, investigations and analysis and check the reliability, accuracy and completeness of the information at their end and obtain independent advice from relevant sources as required before submission of their response.
- d) GNIDA encourages interested bidders to contact the Health Department.
- e) GNIDA reserves the right to update, amend and supplement the information given in this document at its sole discretion before the last date and time of submission of the responses.
- f) Bidders should submit their response in English language and as per formats provided in the last section of this document. Submission not conforming to the instructions or prescribed formats will be rejected.
- g) The key dates and information for the Project are given in Eoi Datasheet.

3. Introduction

Swachh Bharat Mission (SBM) has added impetus to sanitation and waste management across India. In line with SBM, Greater Noida Industrial Development Authority has taken up multiple initiatives to improve sanitation and waste management activities. Greater Noida, spread over an area of about 380 sq. kms, is being developed as an integrated industrial town close to National Capital, New Delhi. It comprises of nearly 95 Sectors and 124 villages divided into 8 administrative zones called work circles. The population of Greater Noida as per 2011 census was ~ 1lac. The current population is estimated to be approximately 6-8 lacs. It is estimated that the city generates approximately 300-350 tons of waste every day from various sources.

As a part of holistic waste management strategy, the Authority has decided to undertake Integrated Centralized Waste Management and Decentralised Waste Management for Greater Noida. The Concessionaire is required to comply with Solid Waste Management Rules 2016, Plastic Waste Management Rules 2016, Bio-medical Waste Management Rules, 2016,

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Hazardous and other Waste (management and Transboundary Movement) Rules 2016, E Waste Management Rules 2016, CPHEEO Norms, etc. for carrying out the scope of work.

The scope of work of the Concessionaire includes collection and transportation of waste.

4. Scope of Work

i. Collection of Waste

The door-to-door collection of waste is required to be carried out from all over Greater Noida across different categories of waste generators (residential, commercial, institutional, villages etc.). The waste is required to be collected from Bulk waste generators (BWG) also – inert waste from the BWGs who process wet waste in-situ and overall waste from BWGs that do not process waste in-situ. The waste from other public places, garbage vulnerable points, road-side bins, green areas, parks, stadiums, slums and unauthorised areas/colonies, vegetable/ daily/ weekly markets, slaughter-house, fish/ chicken/ mutton shops, etc.

Since there are 124 villages and more than 90 sectors in Greater Noida, collection of waste, street sweepings and silt needs to take place from Villages and sectors in a two-fold manner.

- From non-bulk waste generators, door to door collection to take place by Centralised bidder
- Door to door collection to take place from Villages and sectors as well.
- In addition to this, to cater to Villages and sectors more effectively, GNIDA has allotted sweeping and waste collection work to five Sweeping vendors for 5 zones. Centralised Concessionaire is required to procure and place dustbins in these villages and collect waste from all the five Sweeping Vendors also. Sweeping vendor to collect solid waste (from dustbins, dhalaos, etc.) from villages and sectors and handover to Centralised Concessionaire at transfer stations or other points as per Micro plan of Centralised Concessionaire.
- Drain waste and street sweepings to be collected and transported by Concessionaire as per CPHEEO Norms

Further, GNIDA has 3 Decentralised waste management clusters/ Material Recovery facilities (MRFs) for collection of waste from non-bulk waste generators (i.e. excluding bulk waste generators) and transportation of MSW to designated MRF facility, and processing of waste. These Decentralised Vendors have the obligation to collect waste from door to door in their defined areas and transport it to the cluster MRF and process wet waste and handover recyclables to recyclers. Centralised vendor would be expected to collect and transport the residual/ leftover/ inert waste from these 3 MRFs using Tippers/ Compactors. The left-over waste would need to be transported (for processing at Processing site and/ or just disposal at Sanitary Landfill Facility (SLF)) by the Centralised vendor. Further details of these clusters are provided in **Appendix 1** of this tender. Out of these three Decentralised clusters, two are already running and third one cluster is in development phase.

Further, apart from the aforementioned three MRF's, GNIDA also has one more MRF at Ecotech 12 of Greater Noida West region. That MRF is under construction through CSR funds. The centralised bidder would be required to transport 5 MT (minimum) of dry waste per day to

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this MRF in Ecotech 12 on days when MRF is operational. This vendor running this MRF will not pay anything additional to the Concessionaire.

Further, Centralised bidder is also required to collect Inert waste from this MRF at Ecotech 12 for disposal either daily or on alternate days, as mutually agreed with MRF concessionaire.

The following items (mixed dry waste) can be handed over to Ecotech 12 MRF:

Plastic Waste	Dry Waste
Mix Plastic	Cardboard
PET	Paper
HDPE	Glass
LDPE	Aluminum Can/ Foil
MLP	Metal
PVC	Tetra Pack
PP	Other Dry Waste
PC	
Other Plastic Waste	

ii. Transportation of Waste

Currently, GNIDA's waste disposal site is in Lakhnawali where GNIDA is getting the legacy waste remediated through bio-remediation technique. However, GNIDA has also signed Agreement with M/s NTPC NVVN for processing of dry waste and converting it into torrefied charcoal and M/ Ever Enviro for processing of wet waste and converting it into Bio-CNG at Astauli. These two plants will take 24 months for erection. Thus, the vehicles would need to transport the collected waste to the current processing Site in Lakhnawali and in future, some or all waste may be sent to Astauli. Distance between both the sites is approximately 23 kms.

The whole of Greater Noida city and all waste generators falling within geographical scope of Greater Noida (sectors, Villages, colonies, etc.) need to be covered under centralised tender. The list provided in **Appendix 2** is indicative, incase there is any area left out, then it will be deemed to be included for the purpose Centralised door to door collection and transportation. Prospective bidders can peruse ONEMAP on GNIDA website to understand length and breadth of the area covered or can conduct survey in the Greater Noida region to know better. Moreover, all future generators of waste who are allotted land or already allotted and start residing shall also be covered by the scope of work.

While planning, Most optimum route to be adopted with minimum no. of vehicles with the help of GIS mapping and route optimisation apps. Ensure ICT (GPS based Vehicle Tracking System) linked transportation, operation and monitoring system in place for ensuring effective two-way communication, supervision, monitoring, data management and grievance redressal.

Table on responsibilities of different Concessionaires for clarity.

S.No.	Particulars	Responsible Concessionaire
1.	Door to door waste collection from Sectors	Decentralised Vendors (for area defined in Appendix 1), Centralised (for all other area in GNIDA jurisdiction)
2.	Waste collection from Villages	Centralised (Door to door collection) Decentralised Vendor (For 6 Villages – door to door) (Annexure 1)

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		5 Sweeping Vendors (Collection of sweeping waste, silt, solid waste, emptying dustbins, etc.) Centralised (Takeover waste from Sweeping vendor at transfer stations/ points agreed as per Micro plan)
3.	Collection of waste from BWG	Centralised
4.	Collection of waste from Non BWG	Centralised (excluding sectors covered under Decentralised)
5.	Collection of waste from GVPs, or any other area in GNIDA jurisdiction	Centralised
6.	Collection of inert waste/ Sweeping waste from UNDP MRF, Decentralised MRFs, Sweeping Vendor	Centralised
7.	Transportation of waste to/at processing site	Centralised
8.	Transportation of inerts (including sweeping inerts, drain waste), rejects, etc. to Sanitary landfill	Centralised
9.	Operation and Maintenance of Sanitary landfill	Sanitary landfill operator

iii. Other

- i. Design, construct, operate and maintain the transfer stations as per the requirement at the desired locations. The transfer stations should contain provision for handling dry waste and wet waste separately.
- ii. Install Electronic weighbridge at Transfer Stations to measure quantity of various components of waste handled at the facility in terms of sorting and segregated materials, RDF, compost material etc, and inert going out of the site
- iii. Ensure collection of segregated waste and conduct adequate IEC to ensure segregation. Details of citizens who do not segregate waste may be provided to GNIDA for penalising them.
- iv. The segregated wet and dry waste received from primary collection & transportation system should be compacted separately and transported to processing facility in segregated manner only.
- v. Ensure daily transportation of waste received at the transfer station facility.
- vi. Collect user charges from all households, BWGs and other waste generators being served. The User charges approved by the Board and to be notified by the Authority are captured in **Appendix 3**.
- vii. Removal and transportation of Dead animal from assigned areas to incinerator facility established in village Jalpura or any other facility proposed.
- viii. Ensure compliance with various laws and regulations applicable from time to time
- ix. Ensure availability and timely renewal of requisite permits, consents and NOCs.

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- x. Set-up a 24x7 complaint redressal mechanism along with Complaint Cell or control room and ensure timely resolution of complaints.
- xi. Adopt digital attendance system to monitor the staff through –Handheld biometric Machine (Fingerprint/ Iris based) and Mobile App based (Facial recognition plus geofencing enabled/ configurable).

iv. Exclusions:

- i. Manual and Mechanical Sweeping of main and internal roads, open parks, markets, villages, etc.
- ii. Collection and transportation of Bio-medical waste from Medical Institutions, Industrial waste, Hazardous waste, Radioactive waste, Effluents requiring treatment
- iii. Removal of construction demolition debris and mud earth from any construction site or residential site.
- iv. Processing of waste

A general overview of responsibilities is mentioned below.

Responsibilities of GNIDA	Responsibilities of Vendor
<ul style="list-style-type: none"> i. Identification and earmarking land for setting up transfer station ii. Providing basic civil and public utilities i.e. land levelling, electricity, water & sewage connections iii. Facilitate the Concessionaire in obtaining requisite permits, approvals, NOCs etc. iv. Providing room in GNIDA office for setting up control room 	<ul style="list-style-type: none"> i. Mobilize resources for door to door waste collection and transportation (Primary & Secondary) ii. Deploy adequate number of vehicles and manpower for smooth execution of the project. iii. Organize daily door to door collection and transportation of Solid waste from Waste generators. iv. Collect user fee in prescribed digital mode, from Households and Establishments on monthly basis. Submit records of user fee collection to the Authority on a monthly basis. v. Timely submit monthly reports to the Authority. vi. Ensure compliance with various laws and regulations applicable from time to time. vii. Ensure availability and timely renewal of requisite permits, consents and NOCs. viii. Set-up a complaint redressal mechanism and ensure timely resolution of complaints. ix. Hand over peaceful possession of the site to Authority, upon completion or termination of contract, without any encumbrances and liability whatsoever

Revenue sources for Vendor can be:

- i. User Charges
- ii. Tipping fee

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5. Participation Criteria for this EOI

The EOI proposal submitted by the participants clearing the following criteria will be eligible for evaluation (only eligible participants will be called for presentation) along with duly filled Forms attached along with this EOI document:

S. No.	Eligibility Conditions	Documentary proof to be submitted
1	The Bidder should be an Indian entity registered under the Companies Act Or Partnership firm/ (s) registered under the Partnership Act of 1932 or registered (converted to) under the Indian Limited Liability Partnership Act, Or registered under the Indian Societies Act / Indian Trust Act / Indian Religious and Charitable Trusts Act / Section-8 company Or registered as a not for profit organization under the Companies Act or the relevant State Acts in India. The entity/ ies should be registered in India.	1. Company Registration certificate/Partnership Deed/ Trust Deed/ Section 8 Company Certificate 2. PAN card copy 3. GST registration
2	Average Annual turnover (Start-ups may be exempted from this criterion, provided they are associated with professionals with a proven track record in Urban and Rural Door to door collection and transportation of solid waste)	Audited Financial statements – Balance Sheets, Profit and Loss Accounts, Annual Reports, CA certificate
3	The bidder should have in the last 7 years completed or currently working on similar projects for door-to-door collection and transportation of solid waste in city having minimum population of 5 Lakh (Start-ups may be exempted from this criterion, provided they are associated with professionals with a proven track record in Urban and Rural Door to door collection and transportation of solid waste)	As per format
4	The Bidder should have Income tax, PAN, GST Registration, any other competency certificate (if any) proving Institutional (Offices) nature of the organization and nature of activities (Offices) to be carried out.	Respective certificates

6. Presentation of Interest

Interested participants are kindly requested to submit their presentations in PDF format to the provided email address. The presentation should talk about the following aspects.

i. Introduction and Company Overview:

- Introduce the presenting company and provide an overview of its background, experience, and expertise in similar ventures.

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- Set the context by emphasizing the unique challenges faced by traditional door to door waste collection and transportation in cities having urban sectors and villages.
- ii. **Understanding of Scope of Work:**
 - Demonstrate a thorough understanding of the outlined scope of work, emphasizing how the company plans to fulfil each component effectively.
- iii. **Holistic Vision and Approach**
 - Describe how your visionary approach aligns with the objectives of operational excellence, efficient collection and transportation, resourceful ICT/ Digital Tools/Technology usage, transfer station development, T&P maintenance, Environment, Health and Safety Policy & Practice, compliance, and reporting.
 - Approach for collection of user charges from assigned areas of Greater Noida
 - Showcase your strategies for efficient labour coordination & management, customer service, and conflict resolution considering active labour unions in Greater Noida area.
- iv. **Project Management**
 - Present your strategic project management methodology that ensures efficient planning, coordination, and successful execution.
 - Illustrate how you will prioritize and implement project for maximum impact.
 - Indicative project cost (user fee/ VGF) and broad assumptions for various revenue and cost heads
- v. **Balanced Infrastructure Evaluation**
 - Explain your method of assessing current and future infrastructure needs, accounting for a sustainable 10-year horizon.
 - Describe your data-driven approach to identifying gaps and proposing well-rounded solutions.
- vi. **Resource-Optimized Planning**
 - Present your innovative strategies for optimizing existing infrastructure in a way that enhances capacity and efficiency.
 - Exemplify how you are going to utilise IEC and BCC initiatives to promote segregation of waste at source level
 - Demonstrate how you plan to integrate technology and eco-friendly practices for measurement.
- vii. **Illustrative Case Studies:**
 - Share relevant case studies from your portfolio that exemplify successful implementations of door-to-door collection and transportation of solid waste at city level.
 - Showcase how your solutions have brought positive change to similar contexts.

All participants will be called for presentation at a later date.

7. Selection Process

The EOI is issued only with a purpose of collection of information from interested parties and GNIDA reserves the right to proceed ahead with the Project. However, the applications received shall be reviewed carefully and interactions with the applicants will be likely scheduled before finalisation of Project terms and conditions.

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8. Formats for submission of information

Annexure 1: Format for Covering Letter

[On the letterhead of applicant]

Date:

To,

Senior Manager, Health

Greater Noida Industrial Development Authority

Plot No. 1, Knowledge Park IV,

Greater Noida, Gautam Budh Nagar, Uttar Pradesh 201308

Sub: Expression of Interest (EOI) for Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste in Greater Noida

Dear Sir,

With reference to your EOI document dated _____, I/We the undersigned am/are hereby expressing our Interest for Centralized Waste Management including Door to Door Collection & Transportation of Municipal Solid Waste in Greater Noida.

I/We understand that based on responses, the Authority shall finalize the concept and other requirements. Further, the issue of this EOI does not imply that the Authority is bound to appoint any applicant, as the case may be, for the Project.

I/We hereby declare that all the information and statements made in this Proposal are true and accept that any misinterpretation contained in it may lead to our disqualification.

(Name and Title of the Signatory)

(In the capacity of)

Company Seal _____

(Name of the Entity): _____

(Registered Address of the Entity): _____

(Email ID): _____

(Contact Number): _____

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Annexure 2: Details of the Applicant

[Please capture all relevant information]

S. No.	Particulars	Details
1. (a)	Name of Entity	
(b)	Registered Address	
(c)	Postal Address	
(d)	Telephone / Mobile No.	
(e)	E-Mail Address	
(f)	Type of entity	
(g)	Registration number of Entity	
(h)	PAN No	
(i)	GST Registration No.	
2	Details of individual(s) who shall serve as the point of contact/ communication for GNIDA:	
(a)	Name	
(b)	Designation	
(c)	Company	
(d)	Address	
(e)	Telephone / Mobile No.	
(f)	E-Mail Address	

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Annexure 3: Financial Capability

Particulars	Annual Turnover (INR)
2019 – 2020	
2020 – 2021	
2021 – 2022	
2022 – 2023	
<i>Total</i>	<i>Average Annual Turnover</i>

Note: Copy of the Audited Balance sheet and ITR duly certified, shall be attached as proofs.

On Behalf of (Name of the Bidder)

Signature of the Authorized Person

Name:

Designation:

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Annexure 4: Details of Relevants Works Completed In Last 7 Years

#	Name of Client and Place of Operation (City, State)	Scope of Project (C&T), Waste Collected annually and/ or Waste Processed annually	Project Value (INR)	Project Start and End date (MM.YYYY)	Commercial Operation Date (COD) (MM.YYYY)	ICT/ Technology usage in past projects
1						
2						

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Annexure 5: Project Concept

Provide data for project conceptualization information:

S. No.	Particulars	Details
1	Fixed infrastructure required (type of civil/permanent structure with estimated area for transfer station; including space required for segregation, storage of waste, parking of vehicles, workshop and effluent (leachate) treatment)	i. ii. iii. iv. v.
2	Whether flexible with the site layout and fixed infrastructure	Yes/ No
3	Proposed Digital interventions/ Technologies for monitoring of vehicle tracking, household coverage etc	i. ii. iii.
4	Manpower required for overall project	i. ii. iii.
5	Type of collection vehicles to be used for door to door	i. ii. iii.
6	Approximate Operational cost (enclose break-up and assumptions)	INR _____ Lacs per month
7	Approximate Capital (equipment/ machinery/ movable assets) cost	INR _____ Lacs
8	Estimated Revenue generation (enclose break-up and assumptions) User charges	INR _____ Lacs per month VGF required (Yes/No).

Note: Each page of supporting documents should be duly signed by the applicant

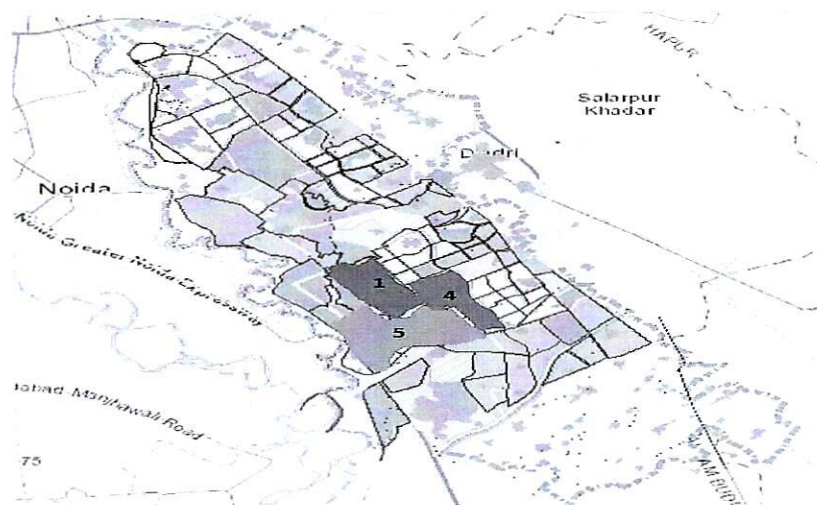
Appendix 1: Decentralised Cluster Overview

The details of the Area (3 clusters) where Decentralised waste management is being carried out separately is captured below:

Cluster	Agency	Area	Start Date	Technology	Plant Capacity	Plant Location
I	Blue Planet Environmental Solutions Pvt Ltd.	Sectors: Sector 20, Alpha I & II, Beta I & II, Gamma I & II Villages: Rampur Jagir, Nawada	25 Jun 2023	Bio-methanation	18 TPD	Knowledge Park III
IV	M/S IPCA through CSR Initiative of SBI Cards	Sectors: Omicron 1A, Omicron 1, Omicron 2, Omicron 3, Pi 1&2 Villages: Bironda, Birondi, Achher	26 Feb 2023	Mechanical Composting	10 TPD	Xu-2
V	M/s Feedback Foundation	Sectors: Sigma 1,2,3,4, Swarn Nagri, Rho 1,2, Omega1,2, P1 to 8, Phi 1,2,3,4, Chi 3, 4 Villages: Kyampur	Pending	Mechanical Composting	10 TPD	Pi-III

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Appendix 2: Details of Area to be covered for collection of waste (Indicative)



Note: Entire Greater Noida area is to be covered except the Decentralised Clusters details of which have been provided in Appendix 1.

Part A: Details of Sectors (Indicative)

S. No	Sector/ Village Name	S. No	Sector/ Village Name
1	AGRICULTURE FORM-01	63	OMICRON-02
2	AGRICULTURAL GREEN	64	OMICRON-03
3	ALPHA	65	OPPOSITE R&D CENTER OF BPCL
4	ALPHA-01	66	OPPOSIT HONDA SIEL
5	ALPHA-02	67	OPPOSITE DAEWOO MOTOR(HONDA)
6	B.Z.P AREA	68	P-2 (OMEGA)
7	BETA-01	69	P-5, BUILDERS AREA
8	BETA-02	70	PHI-01
9	BUILDERS AREA	71	PHI-02
10	BUILDERS AREA, POCKET-04	72	PHI-03
11	BUS DEPO KASNA	73	PHI-04
12	CHI-01	74	PI
13	CHI-02	75	PI-01
14	CHI-03	76	PI-02
15	CHI-04	77	PI-04
16	CHI-05	78	PSI-II BUILDERS AREA
17	CHI-PHI	79	PUBLIC AND SEMI PUBLIC AREA
18	CITY PARK	80	R-4
19	DELTA-01	81	R-6
20	DELTA-02	82	RECREATIONAL GREEN
21	DELTA-03	83	RECREATIONAL GREEN-05
22	ECOTECH-I	84	RHO-01
23	ECOTECH-I(EXTN)	85	RHO-02
24	ECOTECH-II	86	SECTOR-01
25	ECOTECH-III	87	SECTOR-02
26	ECOTECH-IV	88	SECTOR-03
27	ECOTECH-VI	89	SECTOR-04
28	ECOTECH-VII	90	SECTOR-10

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29	ECOTECH-VIII	91	SECTOR-12
30	ECOTECH-X	92	SECTOR-16
31	ECOTECH-XI	93	SECTOR-16B
32	ECOTECH-XII	94	SECTOR-16C
33	ECOTECH-XV	95	SECTOR-27
34	ECOTECH-XVI	96	SECTOR-20
35	ETA-01	97	SECTOR-32
36	ETA-02	98	SECTOR-36
37	FOOD COURT AT ENTRY POINT	99	SECTOR-37
38	GAMMA	100	SIGMA-01
39	GAMMA-01	101	SIGMA-01BS
40	GAMMA-02	102	SIGMA-02
41	GOLF COURSE	103	SIGMA-03
42	GREEN AREA NEAR KOTE SCAPE	104	SIGMA-04
43	INSTITUTIONAL AREA	105	SPORTS CITY ADJOINING TECH ZONE-IV
44	INSTITUTIONAL GREEN	106	SURAJPUR KASNA BY PASS
45	INSTITUTIONAL GREEN AREA(BZP)	107	SWARN NAGRI(SECTOR-31)
46	INSTITUTIONAL GREEN-01	108	SWARN NAGRI
47	INSTITUTIONAL GREEN-04	109	SWNRI
48	KNOWLEDGE PARK-01	110	TAU
49	KNOWLEDGE PARK-02	111	TAU (SWARN NAGRI)
50	KNOWLEDGE PARK-03	112	TECH ZONE
51	KNOWLEDGE PARK-04	113	TECH ZONE-II
52	KNOWLEDGE PARK-05	114	TECH ZONE-IV
53	MU	115	TECH ZONE-VII
54	MU-01	116	TOY CITY, U.KENDRA/ ALPHA-1
55	MU-02	117	UDYOG KENDRA
56	NEAR KOT ESCAPE	118	UDYOG VIHAR EXTEN
57	NONE	119	UDYOG VIHAR
58	OMEGA	120	XU-01
59	OMEGA-01	121	XU-02
60	OMEGA-02	122	XU-03
61	OMICRON-01	123	ZETA-01
62	OMICRON-01A	124	ZETA-02

Part B: Details of Villages (Indicative)

S.No.	Name of the Village	S.No.	Name of the Village
1.	Acheja	67.	Aichhar
2.	Amnabad	68.	Ajayabpur
3.	Bisrakh	69.	Bironda
4.	Chhapraula	70.	Birondi Chakarsenpur
5.	Chipyana Bujurag	71.	Brahampur Gajraula
6.	Chipyana Khurad	72.	(Chamrawali) Bodaki
7.	Choti Milak	73.	Chuhadpur Khadar
8.	Hebatpur	74.	Ghori Bachhera
9.	Jaipura	75.	Hazaratpur
10.	Kherpur Gurjar	76.	Jaitpur Vaishpur
11.	Milak Lachhi	77.	Junpat
12.	Patwari	78.	Makoda
13.	Roza Yakubpur	79.	Mathurapur
14.	Roza Jalalpur	80.	Namoli
15.	Sadulapur	81.	Pali
16.	Shaberi	82.	Quampur
17.	Yusafpur Chaksahberi	83.	Raipur Bangar
18.	Aamka	84.	Rampur Jagir
19.	Begampur	85.	Sakipur
20.	Bhanauta	86.	Thapkhara

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21.	Bholarawal	87.	Tugalpur-Haldona
22.	Devla	88.	Ajampur Garhi
23.	Dhoom Manikpur	89.	Amarpur
24.	Gulistanpur	90.	Aminabad urf Niyana
25.	Gurjarpur	91.	Astauli
26.	Habibpur	92.	Atai Muradpur
27.	Haldoni	93.	Bagpur
28.	Jonsamana	94.	Bilaspur (Dehat)
29.	Khedi	95.	Majra Patla Kheda
30.	Khera Chauganpur	96.	Majra Bulandkheda
31.		97.	Majra Janipura
32.	Khodana Kala	98.	Majra Ishepur
33.	Khodana Khurad	99.	Bisayach
34.	Majra -Khodana Kakret	100.	Chchula
35.	Kailashpur urf Kirachpur	101.	Chirshi
36.	Kulesara	102.	Dabra (Pucci Sadak)
37.	Lakhnawali	103.	Dadupur Dankaur
38.	Malakpur	104.	Dalelgarh
39.	Mubarikpur	105.	Dawaudpur
40.	Pala	106.	Devata
41.	Roopwas	107.	Dhada
42.	Sadopur	108.	Ghanghola
43.	Seni	109.	Gharbara
44.	Shwarajpur	110.	Tilwada
45.	Sunpura	111.	Girdharpur
46.	Surajpur	112.	Hatewa
47.	Suthiyana	113.	Imliyaka
48.	Tilpata Karanwas	114.	Junedpur
49.	Tusiyana	115.	Kanarsi
50.	Vaidpura	116.	Majra Kanarsa
51.	Badalpur	117.	Kasna
52.	Samaspur -(KANARSHI)	118.	Majra Nato ki Madeya
53.	Khodna Bhuda -(Khodna Khurd)	119.	Majra Balla ki Madeya
54.	Badalpur	120.	Khanpur
55.	Rohillapur	121.	Kherali Hafizpur
56.	Rasulpur	122.	Majra Mandi Shyam Nagar
57.	Deri Machcha	123.	Kulipura
58.	Powari	124.	Ladpura
59.	Rampur Fatehpur (Pucci Sadak)	125.	Luksar
60.	Rampur Majra	126.	Maycha (Pucci Sadak)
61.	Rauni	127.	Murshidpur
62.	Nawada	128.	Nanwa ka Rajpur
63.	Rithori (Pucci Sadak)	129.	Panchaytan
64.	Rosanpur	130.	Pipalka Suratpur
65.	Salempur Gurjar	131.	Talda
66.	Sirsa	132.	Majra Jhalda

Appendix 3: Tentative User Charges

Schedule of User fee for Solid Waste Management in Greater Noida

Category	Sub-category	User fee per unit per month (INR)
Residential	Up to 200 Sq. mtr	80
	200-300 sq. mtr	100
	300-500 sq. mtr	120
	>500 sq. mtr	150
	Bulk Waste Generators (per flat/apartment)	170
Commercial	Street vendors	100
	Commercial establishments - Shops, Café, Dhaba etc.	
	< 100 sq. mtr	50
	100 - 300 sq. mtr	100
	>300 sq. mtr	150
	Guest houses, Dharmshala etc.	
	< 25 beds	200
	25-50 beds	500
	>50 beds	1000
	Hostels	1000
	Restaurants	
	< 25 persons seating capacity	200
	25 - 50 persons seating capacity	500
	> 50 persons seating capacity	1000
	Hotel (unstarred)	
	< 25 rooms	500
	25 - 50 rooms	1000
	>50 rooms	2000
	Hotel - 3 star	3000
	Hotel - 5 star	5000
	Hotel - 7 star	7000
	Commercial offices (Banks, Government offices etc.)	300
	Hospitals, Clinics (for non-biomedical waste only)	
	<25 beds	500
	25-50 beds	1500
	> 50 beds	3500
	Marriage Halls, Party Lawns, Exhibition, Fairs, Community Centres	5000
Malls, Cinema Halls, Pubs, Multiplexes etc.	5000	
Any other non-commercial, religious places, charitable institutions etc.	500	
Industrial	Small and cottage industries, workshops etc.	
	<500 sq. mtr	500
	500-1000 sq. mtr	1000
	1000-2000 sq. mtr	1500
	>2000 sq. mtr	2000
	Godowns/ Warehouse/ Cold Storage/ Sports club/ Parking stands	1000
	Group markets (weekly or daily street markets) (per rehdi/shop)	100
Other	Other places not marked in this list	To be defined by Authority, by general or special order

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1. For User charges related to commercial office buildings – see line item under Commercial titled “Commercial offices” where INR 300 user charges is to be taken.
2. For User charges to be charged to institutions/university/ colleges/schools in terms of size/ area of the institutions – see line item under Commercial titled “Any other non-commercial, religious places, charitable institutions etc. – INR 500.
3. User charges rates are excluding GST.
4. For any other places not marked on the User charges notification, it is to be defined by Authority by general or special order.
5. As per Board approval of User charges, there is a provision to increase User charges by 5% every year.
6. As per Board approval of User charges, there is a provision to charge 10% penalty in case of delayed payment as per below:

समिति द्वारा उक्त दरों की अनुशंसा के उपरान्त सक्षम स्तर से स्वीकृति प्राप्त है। जिसमें मुख्यतः निम्न प्राविधान सम्मिलित किये गये हैं—

1. उपभोग शुल्क (User Charges) की दरों में 5% प्रतिवर्ष वृद्धि किये जाने का प्राविधान है।
2. यदि कोई वेस्ट जनरेटर्स निर्धारित अवधि तक उपभोग शुल्क (User Charges) प्राधिकरण के पक्ष में जमा नहीं करता है तो 30 दिन के पश्चात उपभोग शुल्क की धनराशि में 10% अतिरिक्त लिये जाने का प्राविधान है।

उपरोक्तानुसार, एजेण्डा प्राधिकरण बोर्ड के समक्ष अवलोकनार्थ एवं अनुमोदनार्थ प्रस्तुत है।

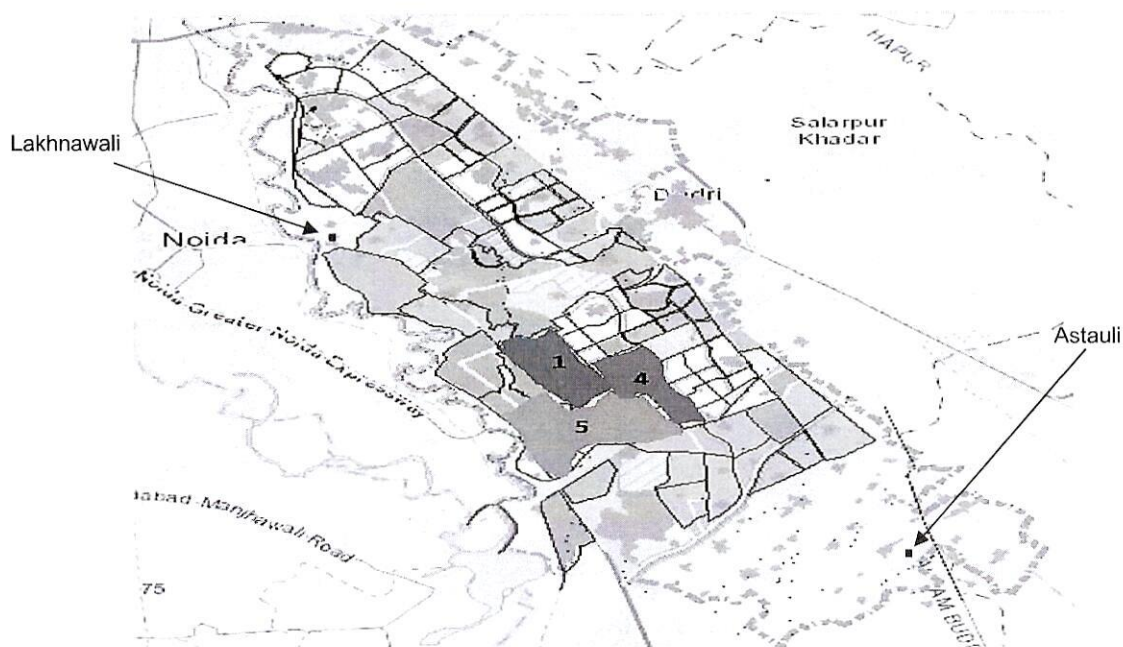
Appendix 4: Processing Site

Currently, the location of the processing site is in Habibpur, Lakhnawali. Waste is to be collected and transported to this site from entire Greater Noida jurisdiction except Decentralised Waste Management Projects in Cluster 1, Cluster 4 and Cluster 5.

Location coordinates are: 28.525, 77.460.

In future, the waste is to be collected and transported to processing site in Astauli.

Location coordinates are: 28.38, 77.66433.



Note: Sanitary Landfill Facility (SLF) also exists in the premises of processing site at Astauli