

Pre-Tender Conference for Solid Waste Management Project in Urban Local Bodies (ULBs)

1. Project Overview

- **Scope:** Comprehensive Solid Waste Management (SWM) services, including the disposal of both **Legacy Waste & Fresh Waste**.
 - **Duration:** 10 years, with potential extensions based on performance.
 - **Target Areas:** ULBs across **West Bengal**.
 - **Objectives:**
 - Efficient waste processing and scientific disposal.
 - Maximization of waste recovery through resource utilization.
 - Achieving **ZERO WASTE** residues in **Secured Landfill Facilities (SLFs)**.
 - Strict adherence to **SWM Rules 2016, CPCB notifications, and CPHEEO guidelines**.
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2. What We (KMDA/SUDA/MED/KMC) Offer to Prospective Bidders

Land & Infrastructure Support:

- **Permissive possession** of dumpsite land for establishing the waste processing plant.
- **Essential infrastructure for setting up of wet compostable waste as well scientific processing and disposal of non compostable dry waste and also includes :**
 - Approach road connectivity, wherever required
 - Land development, wherever required
 - Boundary Wall with proper fencing, wherever required.
 - Water supply and power supply.
 - Leachet management as per CPHEEO Manual
 - Stormwater drainage and sewer line connections.

Operational & Financial Support:

- **Guaranteed monthly waste supply** throughout the contract period.
- **Capital Grant/Viability Gap Funding (VGF)** to lower tipping fees.
- **Bid evaluation based on the lowest tipping fee**, with some financial support in the form of capital grant/VGF' percentage of which will depend upon the total project cost based upon technology proposed.
- **Full ownership of revenue** from disposable fractions (RDF, recyclables, etc.) by the bidder but bidding in terms of tipping fee charged must consider revenue coming out of sale proceed of recyclable/reusable end products. .

- **50:50 carbon credit revenue sharing** between ULB & the bidder.

Flexibility in Participation:

- **Joint Ventures (JVs) permitted.**
- **Startups (registered under waste management in DPIIT) eligible** as per norms.
- **Technology-Agnostic Approach:**
 - Only **proven and environment-friendly** processing technologies will be considered.
 - Bidders may propose **innovative solutions** aligned with regulatory standards.

Contract & Performance Monitoring:

- **Tender for fresh waste processing** awarded for **10 years.**
 - **Regular performance assessments** to ensure operational efficiency and compliance of all norms as specified in CPHEEO Manual and Directives Regulatory Authorities
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3. Expectations from Prospective Bidders

Waste Processing & Disposal Responsibilities:

- **Alternative RDF disposal solutions** required, as no **cement clinker plants** exist in West Bengal.
- **Daily disposal** of fractions (RDF, recyclables, rejects) to maintain a **ZERO WASTE** approach.
- Ensuring **minimum residue is sent to Secured Landfill Facilities (SLFs) due to land scarcity**
- **Presorting unit mandatory** at the processing plant, as **waste collection yet to achieve fully segregated** in terms of quality.

Compliance & Quality Control:

- Facilities must fully comply with **SWM Rules 2016, CPCB notifications, and CPHEEO guidelines.**
- **Waste fraction quality must be enhanced** through **chemical, biological, or advanced processing** to meet industry standards.
 - **Mandatory Disposal** of all fractions within 15 days from sites after scientific processing

Presentation Time & Requirements:

- **Each prospective bidder's presentation (PPT) should not exceed 10 minutes** (maximum 15 minutes).
- Presentations should focus on:
 - **Proposed waste processing technology.**
 - **Utilization of recovered resources** (RDF, recyclables, compost, etc.).

- **Financial viability and sustainability strategy.**
- **Zero Waste implementation and compliance with environmental regulations.**

This initiative seeks to establish a **sustainable, efficient, and technologically advanced** waste management system across ULBs. We invite **innovative, cost-effective, and environmentally responsible** proposals from prospective bidders.

ULB wise Waste Generation			
Sl. No.	Name of the ULB	District	Waste Generation in the year 2021 in TPD
1	Bankura	Bankura	61
2	Bishnupur	Bankura	26
3	Sonamukhi	Bankura	11
4	Barddhaman	Purba Burdwan	161
5	Dainhat	Purba Burdwan	8
6	Durgapur MC	Paschim Burdwan	398
7	Gushkara	Purba Burdwan	12
8	Kalna	Purba Burdwan	19
9	Katwa	Purba Burdwan	28
10	Memari	Purba Burdwan	14
11	Bolpur	Birbhum	37
12	Dubrajpur	Birbhum	14
13	Nalhati	Birbhum	15
14	Rampurhat	Birbhum	28
15	Sainthia	Birbhum	19
16	Suri	Birbhum	37
17	Cooch Behar	Cooch Behar	28
18	Dinhata	Cooch Behar	14
19	Haldibari	Cooch Behar	5
20	Mathabhanga	Cooch Behar	10
21	Mekhliganj	Cooch Behar	4
22	Tufanganj	Cooch Behar	8
23	Balurghat	Dakshin Dinajpur	61
24	Buniadpur	Dakshin Dinajpur	13
25	Gangarampore	Dakshin Dinajpur	21
26	Darjeeling	Darjeeling	57
27	Kalimpong	Kalimpong	19
28	Kurseong	Darjeeling	20
29	Mirik	Darjeeling	4
30	Uluberia	Howrah	115
31	Arambagh	Hooghly	25
32	Bansberia	Hooghly	38
33	Chandannagore MC	Hooghly	73
34	Hooghly Chinsurah	Hooghly	68
35	Rishra	Hooghly	48
36	Tarakeswar	Hooghly	11
37	Dhupguri	Jalpaiguri	17
38	Jalpaiguri	Jalpaiguri	50

Sl. No.	Name of the ULB	District	Waste Generation in the year 2021 in TPD
39	Mal	Jalpaiguri	9
40	English Bazar	Malda	155
41	Old Malda	Malda	37
42	Beldanga	Murshidabad	11
43	Berhampore	Murshidabad	93
44	Dhuliyani	Murshidabad	39
45	Domkal	Murshidabad	60
46	Jangipur	Murshidabad	44
47	Jiaganj-Azimganj	Murshidabad	21
48	Kandi	Murshidabad	19
49	Murshidabad	Murshidabad	20
50	Birnagar	Nadia	12
51	Chakdah	Nadia	37
52	Cooper's Camp	Nadia	7
53	Gayeshpur	Nadia	20
54	Haringhata	Nadia	20
55	Kalyani	Nadia	51
56	Krishnanagar	Nadia	86
57	Nabadwip	Nadia	49
58	Ranaghat	Nadia	25
59	Santipur	Nadia	68
60	Taherpur	Nadia	7
61	Baduria	North 24 Pgs	20
62	Barasat	North 24 Pgs	202
63	Barrackpore	North 24 Pgs	61
64	Basirhat	North 24 Pgs	57
65	Bhatpara	North 24 Pgs	227
66	Bidhan Nagar MC	North 24 Pgs	390
67	Bongaon	North 24 Pgs	46
68	Garulia	North 24 Pgs	29
69	Gobardanga	North 24 Pgs	16
70	Halisahar	North 24 Pgs	45
71	Kanchrapara	North 24 Pgs	50
72	Khardah	North 24 Pgs	45
73	Madhyamgram	North 24 Pgs	120
74	Naihati	North 24 Pgs	101
75	North Barrackpore	North 24 Pgs	57
76	Panihati	North 24 Pgs	240
77	Taki	North 24 Pgs	14

Sl. No.	Name of the ULB	District	Waste Generation in the year 2021 in TPD
78	Titagarh	North 24 Pgs	45
79	Chandrakona	Paschim Midnapore	9
80	Ghatal	Paschim Midnapore	19
81	Jhargram	Paschim Midnapore	25
82	Kharagpur	Paschim Midnapore	127
83	Kharar	Paschim Midnapore	5
84	Khirpai	Paschim Midnapore	6
85	Midnapore	Paschim Midnapore	91
86	Ramjibanpur	Paschim Midnapore	7
87	Contai	Purba Midnapore	44
88	Egra	Purba Midnapore	12
89	Panskura	Purba Midnapore	22
90	Tamluk	Purba Midnapore	27
91	Jhalda	Purulia	7
92	Purulia	Purulia	49
93	Raghunathpur	Purulia	12
94	Baruipur	South 24 Pgs	18
95	Budge Budge	South 24 Pgs	30
96	Diamond Harbour	South 24 Pgs	18
97	Jainagar-Mazilpur	South 24 Pgs	9
98	Maheshtala	South 24 Pgs	289
99	Pujali	South 24 Pgs	12
100	Rajpur-Sonarpur	South 24 Pgs	277
101	Dalkhola	Uttar Dinjpur	15
102	Islampur	Uttar Dinjpur	19
103	Kaliaganj	Uttar Dinjpur	26
104	Raiganj	Uttar Dinjpur	86
105	Howrah MC	Howrah	735
106	Bally	Howrah	178
107	Maynaguri	Jalpaiguri	12
108	Falakata	Alipurduar	18