

**Minutes of the 54th Meeting of State Level Task Force on Solid Waste Management
for discussion on several issues of solid waste management**

In the Chair : Director, SUDA

Meeting Date : 25th July, 2023

Meeting Venue : SUDA Conference Hall (2nd Floor)

Meeting Time : 12.00 Noon

Meeting Attendees :

➤ List of Members and participants : Annexed

Director, State Urban Development Agency (SUDA) chaired the meeting.

At the outset, he welcomed all the members present and explained the discussion points of the meeting. After threadbare discussion the following decisions were arrived at :

1. The Committee noted that SUDA had purchased 790 Battery Operated Tipper (BOT) from M/s CLH Gaseous Fuel Applications Pvt. Ltd.; 500 nos 3-wheeler Fuel Operated Tipper (FOT) from M/s Continental Engines Pvt. Ltd. (BAXY) and 344 nos 4-wheeler FOT from M/s TATA Motors Pvt. Ltd. and supplied the same to the ULBs. The Annual Maintenance Contract (AMC) of these vehicles has been expired during June, 2022. All the three companies have submitted the offer rates for AMC.

The offer of M/s BAXY for AMC of 3-wheeler FOT:

✓ General terms submitted by M/s BAXY

- BAXY will ensure service coverage is in all place to support SUDA vehicles with timely service.
- They committed that the response time will be limited to 24 hours for break down of any vehicle, and restoration time will be 72 hours.
- They have deployed 01 Supervisor and 03 Technicians in West Bengal for providing after sales and services support for vehicles supplied to SUDA.
- For additional support if required, BAXY will take services from their 03 engineers, who are based in zonal headquarters.
- BAXY has tied up with Greaves Care available at various locations in West Bengal from where they will give support for after sales and service of engine and vehicle, availability of spare parts to the 57 locations where the vehicles are supplied
- As per terms and conditions of BAXY, AMC will not cover any electrical items, rubber items, oil seal, glass items, wheel, handle parts or body parts, Battery, Alternator, Self, Dynamo, Tyre. Also the spare parts will be given in AMC, which is in the AMC spare parts list.

✓ Rate Offered by M/s BAXY:

- **Bronze AMC @Rs.14999/-**



- Under this scheme labour charge will be free for all normal services.
- Labour charge will be free for all priority response emergencies.
- Free technical advice will be provided for any issue.
- This maintenance scheme will not cover any electrical item, rubber item, oil seal, glass item, wheel, handle parts or body parts, Battery , Alternator, Self , Dynamo, Tyre
- **Silver AMC @ Rs.52999/-**
 - Under this scheme labour charge will be free for all normal service.
 - Labour charge will be for all priority response emergencies.
 - Free technical advice will be provided for any issue.
 - No cost for all spares of regular service.
 - Will take care of all types of regular service with spare parts.
 - This maintenance scheme will not cover any electrical item, rubber item, oil seal, glass item, wheel, handle parts or body parts, Battery , Alternator, Self , Dynamo, Tyre
- **Gold AMC @Rs.79999/-**
 - Under this scheme labour charge will be free for all normal service.
 - Labour charge will be free for all priority response emergencies.
 - Free technical advice will be provided for any issue.
 - No cost for all spares of regular service.
 - Will take care of all types of regular service with spare parts.
 - Will take care of all types of regular hydraulic service with spare parts.
 - This maintenance scheme will not cover any electrical item, rubber item, oil seal, glass item, wheel, handle parts or body parts, Battery , Alternator, Self , Dynamo, Tyre

The Committee recommended that the Bronze offer may be opted with some additional conditions i.e. (i) The company shall submit the price list of all spare parts to SUDA before AMC and (ii) penalty shall be imposed to the company for non response and non-restoration within the stipulated time as mentioned above.

The offer of M/s TATA Motors Pvt. Ltd. for AMC of 4-wheeler FOT:

- ✓ General terms and offer rate submitted by M/s TATA Motors Pvt. Ltd. for **Silver AMC Suraksha**

- The Silver AMC Package includes Rs. 20000 per vehicle + GST as applicable for 3 Years / 30000 KM which ever expires earlier.
- Taxes extra as applicable, at the time of booking. (Currently GST @ 18%)
- Applicable for plain route, rated load & garbage application.
- Vehicle washing will be done at the time of service only, additional washing are applicable on paid basis.

- Contract expiry based on KMs or period, whichever expires earlier.
- They have also attached the CUSTOMER QUERY form
- For every 10000 KM routine service will be provided.
- M/s TATA Motors will not provide the price list of spare parts in advance.
- The responsibility of the ULB is to carry the vehicle upto showroom before servicing and repairing of vehicle.

The Committee recommended that ULBs may be instructed to report to the nearest service centre of M/s TATA Motors for servicing and repairing the vehicles and M/s TATA Motors shall be requested to submit the list of their service centers prior to agreement.

The offer of M/s CLH Gaseous Fuel Applications Pvt. Ltd. for AMC of BOT:

- ✓ General terms submitted by M/s CLH Gaseous Fuel Applications Pvt. Ltd.
 - **Breakdown Maintenance:** Service Technician will visit the site on priority within reasonable time on intimation
 - **Preventive Maintenance:** Preventive Maintenance will be carried out thrice (3) a year for all Electric Vehicles
 - **Service includes:**
 - 3 (three) scheduled maintenance services.
 - Change/Top Up of gear oil (85w90)-400MI
 - Wheel greasing/Handle greasing.
 - Tyre Rotation
 - Body or chassis mounting bolt tightening.
 - Replace/Repair Motor & Controller on FOC (as per warranty term and conditions. Ref. Owner manual)
 - **Service excludes:**
 - Tyre puncture/inflation of tyre.
 - Paint, Chassis of Garbage Container – damages due to improper/casual handling.
 - Battery Pack, Charger, Tyres, and other proprietary items
 - Repair/Replacement/Maintenance cost of proprietary items
 - Failure/damage due to accident/ improper use.
 - Distilled Water Top up & charging of the Battery.
 - Charges of wheel alignment
 - Charges (Labour+ Parts+ Consumables) for any repairs not mentioned above and not covered under scheduled maintenance service, which are covered under neither the Company's warranty nor this programme as the case may be.
 - Service based on month or year elapsed
- ✓ Rate Offered by M/s CLH Gaseous Fuel Applications Pvt. Ltd. :

SI	Description	AMC Cost per E Cart (in Rs.)
1	Basic AMC Cost for E cart Model: Green Cart Super with Hydraulic abd Garbage Container	40729
2	GST (18%)	7331
3	Total AMC cost per E cart for Garbage	48060

It was further learnt that the company has 3 (three) running Service Centres in West Bengal. 2 (two) Centres at Kolkata, 1 (One) centre at Coochbehar. 1 (One) centre located at Durgapur has been closed.

The Committee recommended that before signing the AMC, the company shall submit the amount of labour charge and price list of spare parts to SUDA for final decision.

- The Committee was apprised of that it was decided by Ghatal Municipality, the fresh waste processing plant will be setup at their present dumping ground area but the land is required to be developed as it is about 2 to 3 meters below the nearest road level and during rainy season it remains waterlogged for 4 to 5 months.

The Committee recommended that as the area is very much flood prone area so involving a huge cost for land development will not be feasible. The Committee further recommended that:

- ✓ To ensure the feasibility or non feasibility of the land the SWM Experts of the Committee Prof. Arunabha Majumder will visit to the land physically along with the Nodal Engineer of SUDA and the representatives of Ghatal Municipality.
- ✓ If land is not suitable, then the District Magistrate, Paschim Medinipur may be requested to identify a suitable/ feasible land near Borada Choukan area.

- The Committee was apprised of the SWM proposal of Sector-VI Authority for providing the project cost of Rs. 4.98 cr. for Comprehensive Solid Waste Management Programme including supply, delivery and installation of 40 M.T Weigh-Bridge, construction of Solid Waste Transfer Station including Operation & Maintenance for 01 (one) year within Calcutta Leather Complex Area under Sector-VI Industrial Township Authority. It was learnt that the proposal is for out-sourcing the entire SWM activities like collection of waste, construction of weigh bridge and weigh-bridge tracking station, drain cleaning and road sweeping. Total solid waste generation is 28 TPD.

The Committee recommended that the proposal of Sector-VI Authority may be accepted as the rate has been estimated following the present rate being practised in NKDA. Sector-VI Authority may submit a proposal to UD & MA Department for sanction of fund.

- The Committee was apprised of that M/s NACOF has communicated to make them relieved from the work of setting up fresh waste processing plant at the earmarked land of Barasat Municipality. The Chairman, Barasat Municipality has committed to provide all necessary support for establishing the fresh waste processing plant through SHG mode. Accordingly it

is being proposed that SUDA with support of MED will set up the infrastructure for the unit and for this MED will float the tender urgently. For O&M of the unit, another tender for operator will be floated by the SUDA after infrastructure setup. The Committee accepted the proposal.

5. The Committee noted that Baidyabati Municipality has requested to sanction Rs.61,75,048/- towards operation and maintenance charges of RWMC from July, 2022 to May, 2023. As M/s Easter Organic Fertilizer Pvt. Ltd. has taken over the charge of RWMC under Cluster-IV SWM project on June, 2023, hence, the Committee recommended to be considered the amount to released from appropriate head of account of the UD&MA Department.
6. The Committee was apprised that Hijli Inspiration may be engaged as Micro Planning/Facilitation Organization at Bally Municipality at the existing contact rates of Zone-II i.e. Rs.44000/- per ward for preparation of SWM DPR and Micro Level Plan alongwith IEC and Capacity Building activities and support for ensuring 100% segregation of waste at source, collection and transportation up to processing of waste at segregated manner. At present SUDA will provide Nirmal Sathis and Vehicle for primary and secondary transportation. As an ad interim measure the waste will be disposed at RWMC, Baidyabati. The Committee accepted the proposal.
7. The Committee learnt that Bally Municipality has their own land of 5.5 acre at Dankuni Municipality which is 12 KM away from Bally Municipality. The land may be used for setting up waste processing units for Bally.
The Committee recommended a joint inspection may be arranged for feasibility study of the land by Sri Rajib Mukherjee, EE, SUDA, Sri Subir Das, EE, SUDA and the representatives of Bally Municipality. The joint inspection will also look after the nature of land, distance, details of encroachment if any and Record of Rights.
8. The Committee noted that a joint visit has been conducted at Promodnagar Faecal Sludge Treatment Plant (FSTP) on 03.05.2023 at 4-00 pm. by Prof. Arunava Majumdar, SUDA & KMDA officials and officials of concerned Municipalities. The following decisions have been recommended after joint visit:

- ✓ At the adjacent side of Mount – B of the boundary wall of the Septage Treatment Plant, the concrete road and drain is covered with waste. The waste should be cleared by SDDM and Baranagar municipality.
- ✓ The sludge is to be removed from the sludge drying bed at an interval of 12 to 14 days by KMDA.
- ✓ A raised platform is to be constructed at the back side of STP-I to stack and dry the sludge from the sludge drying bed. The land for proposed platform is under control of the GAP Sector, KMDA. Hence necessary approval may be obtained from GAP Sector, KMDA.
- ✓ The Septage Treatment Plant is running far below the design capacity (30KLD each).
- ✓ Average approximate input in both STPs (as received from KMDA) are as follows-



	Jan,23	Feb,23	March,23	April,23
STP – I	3 KLD	14.6 KLD	6.9 KLD	2.42 KLD
STP - II	12 KLD	8 KLD	10.6 KLD	5.4 KLD

- ✓ For both the STPs to operate at the design capacity, the ULBs are to be advised to dispose of their the septage at these 2 (two) STPs (1&2).
- ✓ Water coming-out from horizontal constructed bed should be re-used at the source to keep the concentration of sludge at permissible limit.
- ✓ All possible methods should be explored to use the sludge cakes.

The Committee noticed the under utilization of the FSTP and recommended KMDA to foreclose the contract of the existing agency and immediately float the tender for engagement of new agency on input basis within 1st August, 2023. Before that KMDA will provide the O&M tender document for engagement of agency to SWM Expert of the Committee Prof. Arunabha Majumder for examination.

The Committee further recommended that KMDA may provide the output i.e. sludge to M/s Easter Organic Fertilizer Pvt. Ltd. (who are working at adjacent site for processing fresh and legacy waste) for processing.

9. The Committee was apprised that

Swachh Bharat Mission – Urban 2.0 has been launched with the overall vision of creating ‘Garbage Free Cities’ and aims to make urban India on a new trajectory of growth in an ecosystem of advanced waste management. For achieving this vision, a key objective under SBM-U 2.0 is to make every ULB at least 3-Star Garbage Free as per star rating protocol within 30th September, 2026.

It is realised that experienced agencies need to be engaged zone wise for each ULB to bring the standard upto GFC 3 star rating as per fulfilment of the protocols.

Considering above, the Committee recommended to engage experienced agencies zone-wise for each ULB following the extant financial rules of Government of West Bengal.

10. It was discussed that separate policy for waste management in marketplaces may be formulated for ensuring 100% source segregation and collection of waste from market places in regular interval and on time.

The Committee recommended that separate policy may not be formulated as it is an integral part of waste management of the city, but it should be ensured that for each and every market place bit plan and bit map shall be prepared, separate manpower and vehicle shall be deployed in sufficient numbers and awareness generation programmes shall be continued at regular intervals for the shop keepers for ensuring segregation of waste at source.

11. The Committee also noted that additional quantity of legacy waste of the dumpsites of the ULBs where tender quantity has been exhausted.

The Committee recommended that

- ✓ Where tender for fresh waste processing is being floated and large quantity of additional legacy waste exists, integrated tender for processing of both fresh and legacy waste to be floated.
- ✓ Where fresh waste processing tenders have matured, the agency may be offered to process the legacy waste at the same rate of fresh waste. If the agency does not agree, then fresh tender may be floated for additional quantity of legacy waste.
- ✓ Where fresh waste processing will be done in SHG mode, there the existing legacy waste and projected quantity of legacy waste to be processed together.

12. The Committee recommended that:

- ✓ The legacy waste processing agency may be permitted to clear the legacy waste up to road level.
- ✓ Piling structure shall be adopted for infrastructure setup for fresh waste processing unit at the legacy waste ground after clearance of legacy waste.
- ✓ For land development in the processing site fly ash may be used.

13. The Committee was apprised of that after completion of the contract period upto October, 2022, one year no cost extension was provided to the Micro Planning/ Facilitation Organizations up to 31st October, 2023. As per agreement contract price was per ward basis and it will be released on the basis of achievement of 8 milestones as detailed below:

Sl. No.	Activities	Payment Schedule
1	Capacity Building / Orientation at Municipal office and sensitization of Nodal Persons, Engineers, SI, Municipal Staff, Health Workers, Transport Staffs, Nirmal Sathi, Nirmal Bondhu, Supervisors and other stakeholders as per micro plan.	5 % of total amount for each ward
2	Capacity Building / Orientation at ward level and sensitization of each household, commercial complex, slum areas, etc. as per micro plan.	5 % of total amount for each ward
3	Putting up of Flex, Banners, Hoardings, etc for each ward as per Micro plan of IEC to be prepared as per table annexed. Identification, listing of Bulk Waste Generators for each ward. (List of BWG to be documented with proper signature of Chairperson/EO)	5 % of total amount for each ward
4	Segregation of waste by each household and commercial centres (Complete Segregation)	15 % of total amount for each
5	Primary Transportation of segregated waste in segregated manner for each ward.	20 % of total amount for each
6	Secondary Transportation of MSW in segregated manner	20 % of total amount for each
7	Supervision of processing of waste at waste processing site in compliance with SWM Rule, 2016 at the end of the contract	20 % of total amount for each
8	For overall supervision round the year at the end of the year, documentation of the overall activities and submission to ULB & SUDA	10 % of total amount for each ward

As per agreement, they have provided Programme Coordinators in the ULBs for providing handholding supports to the ULBs. Till date they could claim upto 6th milestone where their achievement reflects. They are not being able to claim the payment of 20% of 7th milestone and 10% of 8th milestone. As a result, they are not being able to pay regular monthly remuneration to the Programme Coordinators and other staff of their organization keeping backlog of 4-5 months. Hence, the Programme Coordinators and other staff are leaving the organizations. It is also observed that 7th milestone is not being achieved due to several reasons on behalf of the ULBs like shortage of staff, non availability of land, unwillingness of the ULB etc, beyond the control of Micro Planning/ Facilitation Organizations.

In order to comply with the directions contained in the SWM Rules, 2016 and the orders of Hon'ble NGT, all the ULBs need the services of the Programme Coordinators. Therefore, to ensure regular flow of payment to the Micro Planning Organizations in order to enable them to pay remuneration on regular basis to the Programme Coordinators keeping no backlog, the Committee recommended that the residual payment of Milestone 1 to 7 may be made based on the reasons of non compliance by the ULBs beyond the control of Micro Planning / Facilitation Organizations and also recommended to release the claim of 8th Milestone in phased manner subject to submission of ULB-wise documentation. For Milestone 1 to 7, 50% upfront payment of residual amount may be released to the Micro Planning / Facilitation Organizations in instalments upto October, 2023.

14. The Committee was apprised of that 60 State Resource Persons have been identified from the Programme Co-ordinators and Zonal Co-ordinators of Micro Planning/ Facilitation Organizations for guiding the ULBs of the State and to ensure preparation of Bit-Map and Bit-Plan in their assigned ULBs. Further, 5 (five) Resource Persons from each ULB comprising of Sanitary Inspector/ Assistant Sanitary Inspector/ Sanitary Assistant; Programme coordinators; 2-3 Nirmal Sathis have been identified for developing the capacity of atleast 2 person among them who will guide the remaining Nirmal Sathis to prepare fool-proof Bit-Map and Bit-Plan in their ULB. Initially 59 ULBs of North 24 Parganas, South 24 Parganas, Nadia, Howrah and Hooghly Districts have been identified for this activity. Now, Hijli Inspiration may be assigned to train and capacitate these State Resource Persons and ULB Resource Persons to prepare digital Bit-Map and Bit-Plan through a 2-days residential orientation programme in batches of 30 participant each.

The Committee accepted the proposal.

15. The Committee primarily recommended the mode/ type of setting up of fresh waste processing unit in 128 ULBs of West Bengal as detailed at **Annexure-I**.
16. The Committee has approved the vetted DPR for setting up fresh waste processing unit through SHG mode for Kharar, Khirpai, Sonamukhi, Jaynagar-Mazilpur, Sainthia and Chandrakona.
17. The Committee has approved the design, drawing of the sites of fresh waste processing plant through Agency mode for Kharagpur, Jhargram and Naihati Municipality submitted by M/s



SIMOCO and for Bansberia Municipality submitted by M/s Tide, which have already been vetted by KMDA.

18. The Committee was apprised of that the tender quantity of legacy waste for Promodnagar Project was 7.254 lakh MT whereas it is observed that over and above the tender quantity still 14.32 lakh MT legacy waste (upto March, 2023) is lying in the site. The Committee has discussed about the mode of processing of this excess quantity and recommended to invite a fresh RfP for processing and disposal of the residual legacy waste.
19. The Committee was apprised of about the prepared RfP document for engaging agency for setting up standalone fresh waste processing unit. The Committee accepted the RfP document subject to the minor corrections as mentioned below:
 - ✓ All types of municipal solid waste processing should be in the scope of the agency except biomedical and hazardous waste.
 - ✓ The project duration should be 10 years and extension may be granted up to a minimum 5 (five) years at a time and for a maximum of 10 (ten) years.
 - ✓ CAPEX support milestones should be broken up component wise.
 - ✓ The scope of SUDA shall be to sanction projects for the ULB for land development, construction of boundary wall, approach road construction and water supply connection upto boundary wall. Estimates to be done by MED as per SoP approved by the Department.
20. In the light of the orders passed by the National Bench of the Hon'ble NGT in O.A. 606/2018 and in compliance with the Solid Waste Management Rules, 2016, the Committee recommended to execute the infrastructure development work of 57 projects at different ULBs/ Development Authorities for smooth progress of solid waste management projects. The site-wise list is placed at **Annexure-II** and made a part of the minutes of the meeting.

With no other issue for discussion the meeting ended with vote of tanks to and from the chair.


(Supriya Ghosal)
Director, SUDA

Annexure-I

Mode/ Type of execution of Fresh Waste Processing Unit in 128 ULBs of West Bengal

Sl. No.	District	ULB	Mode of execution of Fresh Waste Processing Unit	Type of execution of Fresh Waste Processing Unit	Remarks
1	Kolkata	Kolkata MC	Agency	Standalone	Plant in operation for partial waste
2	North 24 Parganas	Bidhan Nagar MC	Agency	Agency Mode shifting at Dhapa, KMC	Waste shifted to Dhapa, Kolkata for processing
3	Nadia	Krishnanagar	Agency	Standalone	Reported to have an existing system and requested for confirmation
4	Purba Medinipur	Haldia	Agency	Standalone	Reported to have an existing system and requested for confirmation
5	Hooghly	Uttarpara Kotrung	Agency	ULB Self	ULB done separately
6	Hooghly	Chandannagore MC	Agency	To be excuted by Chandernagore MC	
7	Hooghly	Hooghly Chinsurah	Agency	To be excuted by Chandernagore MC	To be clubbed with CMC
8	North 24 Parganas	Panihati	Agency	Cluster I	May be clubbed with Cluser-I
9	North 24 Parganas	Baranagar	Agency	Cluster I	
10	North 24 Parganas	Dum Dum	Agency	Cluster I	
11	North 24 Parganas	South Dum Dum	Agency	Cluster I	
12	North 24 Parganas	New Barrackpore	Agency	Cluster I	
13	North 24 Parganas	North Dum Dum	Agency	Cluster I	
14	North 24 Parganas	Kamarhati	Agency	Cluster I	
15	North 24 Parganas	Ashoknagar-Kalyangarh	Agency	Cluster III	
16	North 24 Parganas	Habra	Agency	Cluster III	
17	Hooghly	Baidyabati	Agency	Cluster IV	
18	Hooghly	Chamdpdany	Agency	Cluster IV	
19	Hooghly	Konnagar	Agency	Cluster IV	
20	Hooghly	Rishra	Agency	Cluster IV	
21	Hooghly	Serampore	Agency	Cluster IV	
22	Hooghly	Bhadreswar	Agency	Cluster IV	
23	Hooghly	Dankuni	Agency	Cluster IV	
24	Purba Bardhaman	Katwa	Agency	Cluster V	
25	Purba Bardhaman	Dainhat	Agency	Cluster V	

26	Malda	English Bazar	Agency	Standalone	
27	Malda	Old Malda	Agency	Standalone	
28	North 24 Parganas	North Barrackpore	Agency	Integrated (Cluster VI)	
29	North 24 Parganas	Titagarh	Agency	Integrated (Cluster VI)	
30	Nadia	Nabadwip	Agency	Integrated	
31	Nadia	Santipur	Agency	Integrated	
32	North 24 Parganas	Barrackpore	Agency	Integrated	
33	North 24 Parganas	Garulia	Agency	Integrated	
34	North 24 Parganas	Halisahar	Agency	Integrated	
35	North 24 Parganas	Khardah	Agency	Integrated	
36	North 24 Parganas	Madhyamgram	Agency	Integrated	
37	Murshidabad	Berhampore	Agency	Integrated	
38	Murshidabad	Domkal	Agency	Integrated	
39	Bankura	Bankura	Agency	Integrated	
40	North 24 Parganas	Bongaon	Agency	Integrated	
41	Murshidabad	Dhulian	Agency	Integrated	
42	Birbhum	Rampurhat	Agency	Integrated	
43	Birbhum	Suri	Agency	Integrated	
44	Birbhum	Bolpur	Agency	Integrated	
45	Nadia	Ranaghat	Agency	Integrated	
46	Howrah	Howrah MC	Agency	Intergrated	
47	Jalpaiguri	Jalpaiguri	Agency	Intergrated	
48	Howrah	Bally	Agency	Standalone	
49	Alipurduar	Alipurduar	Agency	Standalone	
50	Purba Bardhaman	Barddhaman	Agency	Standalone	
51	South 24 Parganas	Budge Budge	Agency	Standalone	
52	Nadia	Chakdah	Agency	Standalone	
53	Jhargram	Jhargram	Agency	Standalone	
54	North 24 Parganas	Kanchrapara	Agency	Standalone	
55	Paschim Medinipur	Kharagpur	Agency	Standalone	
56	South 24 Parganas	Maheshtala	Agency	Standalone	
57	Paschim Medinipur	Midnapore	Agency	Standalone	
58	North 24 Parganas	Naihati	Agency	Standalone	
59	South 24 Parganas	Rajpur-Sonarpur	Agency	Standalone	
60	Darjeeling	Siliguri MC	Agency	Standalone	
61	Howrah	Uluberia	Agency	Standalone	
62	Paschim Bardhaman	Asansol MC	Agency	Standalone	
63	Paschim Bardhaman	Durgapur MC	Agency	Standalone	
64	Nadia	Kalyani	Agency	Standalone	
65	Hooghly	Bansberia	Agency	Standalone	
66	Purba Medinipur	Contai	Agency	Standalone	
67	North 24 Parganas	Bhatpara	Agency	Standalone	
68	Purulia	Purulia	Agency	Standalone	

69	Murshidabad	Murshidabad	Agency	Standalone	
70	South 24 Parganas	Baruipur	Agency	Standalone	
71	Bankura	Bishnupur	SHG	Hub& Spoke/ Standalone	
72	Bankura	Sonamukhi	SHG	Hub& Spoke/ Standalone	
73	Nadia	Gayeshpur	SHG	Hub& Spoke/ Standalone	
74	Birbhum	Dubrajpur	SHG	Hub& Spoke/ Standalone	
75	Birbhum	Nalhati	SHG	Hub& Spoke/ Standalone	
76	Birbhum	Sainthia	SHG	Hub& Spoke/ Standalone	
77	Murshidabad	Jangipur	SHG	Hub& Spoke/ Standalone	
78	Murshidabad	Beldanga	SHG	Hub& Spoke/ Standalone	
79	Murshidabad	Jiaganj-Azimganj	SHG	Hub& Spoke/ Standalone	
80	Murshidabad	Kandi	SHG	Hub& Spoke/ Standalone	
81	Nadia	Birnagar	SHG	Hub& Spoke/ Standalone	
82	Nadia	Cooper's Camp	SHG	Hub& Spoke/ Standalone	
83	Nadia	Haringhata	SHG	Hub& Spoke/ Standalone	
84	Nadia	Taherpur	SHG	Hub& Spoke/ Standalone	
85	North 24 Parganas	Basirhat	SHG	Hub& Spoke/ Standalone	
86	North 24 Parganas	Taki	SHG	Hub& Spoke/ Standalone	
87	North 24 Parganas	Baduria	SHG	Hub& Spoke/ Standalone	
88	North 24 Parganas	Gobardanga	SHG	Hub& Spoke/ Standalone	
89	Paschim Medinipur	Kharar	SHG	Hub& Spoke/ Standalone	
90	Paschim Medinipur	Khirpai	SHG	Hub& Spoke/ Standalone	
91	Paschim Medinipur	Chandrakona	SHG	Hub& Spoke/ Standalone	
92	Paschim Medinipur	Ghatal	SHG	Hub& Spoke/ Standalone	

93	Paschim Medinipur	Ramjibanpur	SHG	Hub& Spoke/ Standalone	
94	Purba Bardhaman	Gushkara	SHG	Hub& Spoke/ Standalone	
95	Purba Bardhaman	Kalna	SHG	Hub& Spoke/ Standalone	
96	Purba Bardhaman	Memari	SHG	Hub& Spoke/ Standalone	
97	Purba Medinipur	Egra	SHG	Hub& Spoke/ Standalone	
98	Purba Medinipur	Tamralipta	SHG	Hub& Spoke/ Standalone	
99	Purba Medinipur	Panskura	SHG	Hub& Spoke/ Standalone	
100	Purulia	Jhalda	SHG	Hub& Spoke/ Standalone	
101	Purulia	Raghunathpur	SHG	Hub& Spoke/ Standalone	
102	South 24 Parganas	Diamond Harbour	SHG	Hub& Spoke/ Standalone	
103	South 24 Parganas	Jainagar-Mazilpur	SHG	Hub& Spoke/ Standalone	
104	South 24 Parganas	Pujali	SHG	Hub& Spoke/ Standalone	
105	North 24 Parganas	Barasat	SHG	Hub& Spoke/ Standalone	
106	Coochbehar	Coochbehar	SHG	Hub& Spoke/ Standalone	
107	Coochbehar	Dinhata	SHG	Hub& Spoke/ Standalone	
108	Coochbehar	Mathabhanga	SHG	Hub& Spoke/ Standalone	
109	Coochbehar	Mekliganj	SHG	Hub& Spoke/ Standalone	
110	Coochbehar	Tufanganj	SHG	Hub& Spoke/ Standalone	
111	Uttar Dinajpur	Islampur	SHG	Hub& Spoke/ Standalone	
112	Jalpaiguri	Mal	SHG	Hub& Spoke/ Standalone	
113	Jalpaiguri	Dhupguri	SHG	Hub& Spoke/ Standalone	
114	Jalpaiguri	Falakata	SHG	Hub& Spoke/ Standalone	
115	Alipurduar	Maynaguri	SHG	Hub& Spoke/ Standalone	

116	Coochbehar	Haldibari	SHG	Hub& Spoke/ Standalone	
117	Dakshin Dinajpur	Balurghat	SHG	Hub& Spoke/ Standalone	
118	Dakshin Dinajpur	Gangarampore	SHG	Hub& Spoke/ Standalone	
119	Dakshin Dinajpur	Buniadpur	SHG	Hub& Spoke/ Standalone	
120	Uttar Dinajpur	Raiganj	SHG	Hub& Spoke/ Standalone	
121	Uttar Dinajpur	Dalkhola	SHG	Hub& Spoke/ Standalone	
122	Uttar Dinajpur	Kaliaganj	SHG	Hub& Spoke/ Standalone	
123	Hooghly	Arambagh	SHG	Hub& Spoke/ Standalone	
124	Hooghly	Tarakeswar	SHG	Hub& Spoke/ Standalone	
125	Darjeeling	Darjeeling			To be decided
126	Kalimpong	Kalimpong			To be decided
127	Darjeeling	Kurseong			To be decided
128	Darjeeling	Mirik			To be decided

Annexure-II

The list infrastructure development projects in different ULBs for fresh waste processing unit alongwith the estimated tentative amount proposed

SI No	ULB Name	Project Name	Tentative cost
1	Khirpai	Proposed 06 TPD municipal Solid waste processing Plant and other ancillary works under SWM project within Khirpai Municipality	1.20
2	Khirpai	Construction of Boundary Wall, Security room, control room, office room and other ancillary works for proposed 09 TPD municipal solid waste processing plant under SWM project within Khirpai Municipality	0.20
3	Khirpai	Construction of internal road, drains, compound filling and other ancillary works for proposed 09 TPD municipal Solid waste processing plant under SWM project within Joynagar-Mazilpur Municipality.	0.39
4	Sonamukhi	Proposed 11 TPD municipal Solid waste processing Plant and other ancillary works under SWM project within Sonamukhi Municipality	1.55
5	Sonamukhi	Construction of Security room, control room, office room and other ancillary works for proposed 09 TPD municipal solid waste processing plant under SWM project within Sonamukhi Municipality	0.16
6	Sonamukhi	Construction of internal road, drains, compound filling and other ancillary works for proposed 09 TPD municipal Solid waste processing plant under SWM project within Joynagar-Mazilpur Municipality.	0.40
7	Kamarhati	Construction of Cement Road & Development of Both side Drain at Trenching Ground, starting from Nilgunge Road to Partly Completed CC Road at ward no-24 , Under Kamarhati Municipality.	0.26
8	Chandrakona	Internal electrification work for structural plant and compound of proposed 09 TPD Municipal Waste Processing Plant under SWM project within Chandrakona Municipality, Paschim Midnapore.	0.12
9	Chandrakona	Electrification work for office room, weigh bridge room and security room and pump panel of proposed 09 TPD Municipal Waste Processing Plant under SWM project within Chandrakona Municipality, Paschim Midnapore.	0.01
10	Chandrakona	Supply & installation of 30/40 MT PIT mounted fully automatic electronic weigh bridge with double ended share beam load cell (Capacity- 30/40 Ton) including 1 year preventive maintenance under SWM project within Chandrakona Municipality, Paschim Midnapore.	0.13

11	Cooch Behar	Construction of boundary wall at dumping ground under coochbehar Municipality	0.99
12	Cooch Behar	Construction of access from gate to interim CPU within dumping ground under Cooch Behar Municipality	0.21
13	Balurghat	Construction of cement concrete road including cattle catcher at municipal trenching ground under Balurghat Municipality	0.48
14	Maynaguri	Civil estimate for the construction of boundary wall and gate for CPU for Maynaguri Municipality at Kharibari-ii	0.24
15	Maynaguri	Civil estimate for the construction of Interim CPU for fresh waste processing for Maynaguri Municipality at Kharibari-ii	0.21
16	Maynaguri	Construction of pacca Bitumenious Road from Khagrabari II G.P solid waste management unit towards Takatuli more connecting at PMGSY road.	0.47
17	Maynaguri	Estimate for Construction of RCC Box Cell Bridge Clear Opening 3M X 3M for road from Khagrabari II G.P Solid Waste Management Unit towards takatuli more connecting at PMGSY road.	0.13
18	Haldibari	Estimate of proposed 05 TPD Municipal solid waste processing plant and other ancillary works under S.W.M project within Haldibari Municipality.	1.05
19	Haldibari	Estimate of Construction of Security Room, Control Room, office room storm water drain and other ancillary works for proposed 05 TPD municipal solid waste processing plant under S.W.M project within Haldibari Municipality	0.42
20	Haldibari	Estimate of construction of internal roads, drains and other ancillary works for proposed 05 TPD municipal solid waste processing plant under S.W.M project within Haldibari Municipality.	0.35
21	Mekhliganj	Estimate of proposed 04 TPD Municipal solid waste processing plant and other ancillary works under S.W.M project within Mekhliganj Municipality.	0.99
22	Mekhliganj	Estimate of Construction of Security room, Control room, Office room, storm water drain and other ancillary works for proposed 04 TPD Municipal solid waste processing plant under S.W.M project within Mekhliganj Municipality.	0.38
23	Mekhliganj	Estimate of Construction of internal roads, drains and other ancillary works for proposed 04 TPD Municipal solid waste processing plant under S.W.M project within Mekhliganj Municipality.	0.34
24	Nalhati	Construction of boundary wall of Solid Waste Processing Unit on Plot No- 413/1339,400,401,402,403,404,404/13/17,405,406,412,413,416,410,418 Mouza-Khnpur, J.L No-16, Kh. No-683, under Nalhati Municipality.	0.55

25	Nalhati	Construction of connecting road from cannel bridge to SWABHUMI CPU under SWM within Nalhati Municipality	0.61
26	Bankura	construction of structural Shed is urgently needed for parking of Tricycle and Secondary Vehicles of Bankura Municipality	0.39
27	Rampurhat	Side slope protection by stone pitching of kandar khar & construction of boundary wall at new trenching ground at ward no-2 under rampurhat municipality	0.76
28	Rampurhat	Repairing & Strenghthing of bituminous road along with CD structure from dumka hunuman mandir (Bunkatala More) to new trenching ground towards balarampur villege at ward no-2 under Rampurhat Municipality, Birbhum	0.91
29	Bardhaman	Construction of Boundary wall along with retaing wall and revier bank protection at periferi of burdwan dumping ground under SWM scheme of Burwand Municipality	4.70
30	Suri	Construction of proposed baoundary wall at waste processing site of suri municipality at kharanga, Mouza-dhanyagram, JL No-206	0.60
31	Dubrajpur	Development of Kaccha road for processing unit of SWM under Dubrajpur municipality, Birbhum	0.10
32	Pujali	Land filling of base area of SWM main plant (including aproach road) under Pujali Municipality	0.64
33	Basirhat	Construction of approach road for trenching ground ward no- 8within basirhat municipality under SWM	0.34
34	Basirhat	Construction of boundary wall for trenching ground at ward no-8 within Basirhat Municipality under SWM	1.23
35	Basirhat	Land Development work for Trenching ground at ward no-8 within Basirhat Municipality under SWM	5.81
36	Mekhliganj	Construction of widening & strengthening work of BT Road starting from Sudir Biswas house upto SWM Unit at Word no- 6, under Mekhliganj Municipality.	0.45
37	Chandrakona	Construction of boundary wall at 1.19 Acre land at Dhamkuriya for establishment of SWM Processing Plant in favour of Chandrakona Municipality	0.54
38	Nabadwip	Construction of boundary wall entance gate at dumping ground under Nabadwip Municipality	0.81

39	Nabadwip	Construction of approach concrete road at dumping ground , JL- 20, Nabadwip Municipality	0.30
40	Basirhat	B+G+3 building for setting up of State Resource Centre for solid waste management through SHG Mode at old municipal building within Basirhat Municipality	2.90
41	Egra	Installation of submersible pump at dumping ground (plot no.-222,223) in Bastia Mouza, Ward No.3 within Egra Municipality	0.05
42	Egra	Development of dumping ground for solid waste management project site at Bastia Mouza, Ward No.3 within Egra Municipality	0.83
43	English Bazer	Making of concrete block road at SWM dumping site near Mahadipur main road to SWM Dumping ground approach road at englishbazer municipality at Kanchantar, Kasimiri, Mouza_Fulbari Araj, PS-Englishbazer, Malda	0.30
44	Midnapore	Construction of approach road (cement concrete)at dharma dumping ground for purpose of SWM under Mindapore Municipality	0.98
45	Ramjibonpur	Sinking of a Deep Tube Well of 300mm X 200 mm dia and 180 metre deep with PVC pipe and fiber Glass strainer at Hogla in ward no 4 within Ramjibonpur Municipality	0.10
46	Ramjibonpur	Construction of pump house with toilet (ladies & Gents) at Hogla in ward no-4 within Ramjibonpur Municipality under SWM project	0.10
47	Haldibari	Construction of boundary wall of SWM ground, debottor Boxiganj site at Haldibari Municipality -	0.05
48	Ramjibonpur	Electricfication at the proposed dumping ground site near Hogla at Gobindapur in ward no 4 within Ramjibonpur Municipal area under Solid Waste Management	0.16
49	Japaiguri	Construction of boundary wall with gate (Frontside) of Balapara dumping ground premises under SWM project within Jalpaiguri Municipality (Phase-I)	0.84
50	DSDA	Implementation of Solid Waste Management plan as per SWM 2016 within coastal Town Digha as an interim arrangement	2.77
51	Egra	Connection of Electric with 25kva Transformer including meter connection at Dumping ground Bastia Mouza Ward no-03 within Egra Municipality Under SWM Project	0.02
52	Barasat	CONSTRUCTION OF SECURITY ROOM, CONTROL ROOM, OFFICE ROOM,INTERNAL ROADS, DRAIN, SINKING OF 250 X150 TUBE WELL AND OTHER ANCILLIARY WORKS FOR PROPOSED 200 TPD MUNICIPAL SOLID WASTE PROCESSING PLANT UNDER S.W.M. PROJECT WITHIN BARASAT MUNICIPALITY	2.03

53	Barasat	200 TPD MUNICIPAL SOLID WASTE PROCESSING PLANT INCLUDING R.C.C. PILE FOUNDATION WORK AT PLANT AND OFFICE BUILDING WITH OTHER ANCILLIARY WORKS UNDER S.W.M. PROJECT WITHIN BARASAT MUNICIPALITY	13.76
54	Kharar	Submersable pump at dumping ground in ward no 09 under Kharar municipality under SWM Programme 23-24	0.06
55	Bolpur	Improvement and Extension of Approach Road of Dumping Ground from Main Road to Entrance of Dumping Ground by Bituminous Macadam and Mastic asphalt with Culvert & Construction of Culvert at Entrance of the Approach Road under Bolpur Municipality.	0.55
56	Bolpur	Strengthening of the existing Boundary wall around the Dumping Ground of Bolpur Municipality.	0.18
57	Bolpur	Construction of Boundary wall around the proposed Dumping Ground of Bolpur Municipality.	0.89
		Total	55.99