

**Minutes of the 49th 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 : 1st February, 2023

Meeting Venue : SUDA Conference Hall (2nd Floor)

Meeting Time : 11.30 AM

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. A threadbare discussion was held regarding the agenda points and following decisions were taken :

1. SUDA has received an e-file vide no. KMC-81019(13)/5/2021-SWM2 SECTION-KMC (Computer No. 428942) from Kolkata MC regarding approval for floating of the e-tender for engagement of agency for collection of segregated waste to ensure implementation of 100% segregation of waste at source in its all the 144 wards in compliance with SWM Rules, 2016 and in accordance with the direction of Hon'ble NGT. As was decided by the SLTF earlier, for every 200 households, 1 (one) Nirmal Bandhu to be deployed for collection of segregated municipal solid waste. Going by this norm and considering the existing conservancy manpower (Nirmal Bandhus) in place for Kolkata MC, further action may be taken by KMC to ensure 100% collection of municipal solid waste as per directions of the Hon'ble NGT.
2. UD&MA Department has submitted a proposal to Finance Department, Government of West Bengal requesting approval for engagement of Administrative Staff College of India (ASCI), Hyderabad on nomination basis for preparation of DPR on setting up of Waste to Energy Plant & Bio-CNG for Kolkata MC, Howrah MC and Bally Municipality. After concurrence of the Finance Department, ASCI will prepare the DPR. The matter was placed before the committee for information.
3. The Committee noted that after completion of bio-mining and bio-remediation of legacy waste of the dump sites, a huge quantity of fresh waste every day is getting accumulated in the same sites as the fresh waste processing unit are yet to be set up and commissioned.

To address this issue, the Additional Project Director, SPMG has prepared the 3 (three) comprehensive models for processing of regular fresh waste and the fresh waste which has already been accumulated. These models were presented before the Committee.

- i. Wherever an agency has been engaged only with the scope for processing of fresh waste (Unprocessed fresh waste turned legacy and unsegregated fresh waste not in the scope) : New tenders for processing and disposal of legacy waste including unsegregated fresh waste are to be invited.

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- ii. The dump sites where work order is yet to be issued for fresh waste processing (Opportunity to invite an integrated tender for processing and disposal of the existing legacy / mixed waste and segregated fresh waste) : Bids to be published in the integrated model for both the legacy / mixed waste and segregated fresh waste to be processed.
- iii. The sites where SHGs will operate and maintain a fresh waste processing facility: Establishment of infrastructure and deployment of equipment/ machinery as required along with skill development and capacity building of workers from SHG groups.

The Committee recommended the aforesaid matters for the approval of the competent authority.

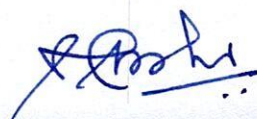
4. The Committee noted that the ULBs where segregation of waste has already been started and also Interim Central Processing Units for fresh waste processing have been commissioned, there is the serious concern related to the scientific disposal of both Multi Layer Plastic (MLP) and Single Use Plastic (SUP). In this connection, Committee recommended the following :

- i. West Bengal Pollution Control Board (WBPCB) will provide the list of 5 (five) EPR agencies along with contact details to KMDA, and
- ii. KMDA will call a meeting with the agencies within 15 (fifteen) days in presence of the representatives of UD&MA Department, SUDA and WBPCB.

The Committee further advised to assess the quantity of ULB wise MLP/ SUP stacked prior to the proposed meeting.

5. (a) Procurement of FOTs / BOTs out of the 15th Finance Commission Tied Grants devolved to the ULBs mandatorily through the GeM portal as per the orders and circulars of the Finance Department. Most of the ULBs have been already registered in the GeM portal and the remaining ULBs are expected to be registered within middle of February, 2023. State Level Task Force (SLTF) may draw up comprehensive generic specifications for the vehicles to be procured and the ULBs may be advised to proceed for the procurement through the GeM portal accordingly. KMC has been requested to provide the specification of Battery Operated Tipper. SUDA will place the Standard Specification of BOT and FOT before the SLTF in the next meeting and after the approval of the Committee the same will be circulated to all the ULBs for further action.
- (b) There is also another option for procurement of hydraulic fitted Trailers with compartments for loading of dry and wet waste separately and these Trailers may be located at different secondary points (As per the micro-plan) and pulled by tractors to the processing site for off loading. Panihati Municipality has prepared a specifications for the 'Trailers' and has procured some Trailers accordingly. The specification for the Trailers as **annexed** was noted by the Committee and the Committee recommended for procurement of such trailers in other ULBs as well.
- (6) KMDA forwarded the e-file vide no. KMDA-27099/1/2023-WSGAP(KMDA)-KMDA (Computer No. 659669) requesting to provide 78 Manpower at 39 dumpsites from SUDA for continuous monitoring of biomining works. The Committee endorsed the scope of work for the onsite manpower at the bio-mining & bio-remediation sites as proposed by KMDA is detailed below :

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- Supervision and continuous monitoring of the legacy waste processing at dump sites as stated above.
- Regular monitoring of windrow formation
- Supervision of application of bio culture on windrows
- Churning of windrows at a regular interval of 5-7 days
- Monitoring of temperature and moisture content (equipment for such will be supplied by the agency)
- Monitoring of weighment of stabilized waste to be put to trommel/ vibratory screen for processing
- Checking of weighment of output fractions viz. good earth, inert and RDF
- Maintaining Register of (i) input legacy waste, (ii) output RDF, (III) Inert, (iv) good earth
- Monitoring of disposal of all such output fractions off the sites
- Monitoring of CCTV footages
- Taking GPS tagged photograph and sharing with KMDA Officials on daily basis.
- Regular liaison with the Officials of KMDA ,ULB & SUDA
- The manpower engaged at sites shall monitor in two shifts.

As mentioned by KMDA, the manpower is required for maximum of 6 months and the monthly expenditure is estimated at approximately Rs.7 Lakh.

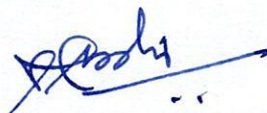
The Committee noted the same and recommended to engage the same through existing Micro Planning Organizations reimbursing the actual payment as supplementary payment, payment may be made from Capacity Building Fund of MNB (U)/ Ring Fenced Public Fund Account of SUDA.

- (7) The Committee recommended to form a Technical Sub-Committee under SLTF chaired by Dr. Arunabha Majumder, Ex. Director - Professor & Head, Sanitary Engineering Department, All India Institute of Hygiene and Public Health. The members will:

- a) Chief Technical Advisor, WBPCB
- b) Chief Engineer, MED
- c) Chief Municipal Engineer (SWM), Kolkata MC
- d) Additional Chief Engineer, KMDA
- e) Superintending Engineer, SUDA
- f) The Committee may co-opt any other Official/ Expert as required.

The Committee will scrutinize the General Arrangement Drawing (as per CPHEEO Manual) for fresh waste processing units to be operated either by Agency or by SHG, and after completion of vetting procedure will place the same before the SLTF for approval. Also the Concession Agreements to be examined by the Technical Sub-Committee and placed before SLTF for endorsement

The Technical Sub-Committee will sit once in a week or as and when required.



- (8) For SHG mode fresh waste processing units, the General Arrangement Drawings prepared by Consultants engaged by SUDA for the ULBs having waste generation below 30 TPD to be placed before the aforementioned Technical Sub-Committee for approval. After approval of the General Arrangement Drawing by the Technical Sub-Committee, the drawing, design & estimates for the structures are to be vetted by a Government institute of repute and to be submitted to the Chief Engineer, MED with the request to accord technical sanction. Thereafter the General Arrangement Drawing alongwith the drawing, design and estimates will be placed before SLTF for endorsement. SUDA will then process for the Department to accord AA&FS and the implementation to be Contd..... MED & SLRDC following extant rules of Finance Department and subsequently engage the agency to implement the project, supervise and monitor the execution till complete commissioning.
- (9) Wherever agencies have been engaged for the processing and disposal of municipal fresh waste, the General Arrangement Drawing submitted by the agency to be placed before the Technical Sub-Committee for approval. Thereafter, the detailed design & drawing prepared by the agency is to be duly vetted by the Government institute of repute as mentioned in the RfP and to be placed before the Technical Sub-Committee and SLTF for endorsement.

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


(Supriya Ghosal)
Director, SUDA

Annexure

TECHNICAL SPECIFICATION OF COVEREDHYDRAULIC TRACTOR TRAILER	
Function	Secondary collection of waste
Number of Wheel	2(two)
Capacity	3 Cubic meter (Approx.)
Size	2750mm*1500mm*600mm+450 mm
Upper Chassis	Fabricated from 100 mm*50mm*6mm M.S Channel With cross member of the same section
Chassis	Fabricated from 100mm*50mm*6mm M.S channel with cross member of the same section & 50 mm* 50mm* 6 mm M.S angle.
Drawbar	A triangular type drawbar made from 10 mm* 50mm *6 mm M.S Channel with spring with Spring loaded "I" hook of 36 mm dia. M.S Round.
Parking stand	A Screw Jack type Parking stand fabricated from 50 mm dia. M.S Round with Base plate of 25 mm thick 100 mm Square.
Sides & Top Structure	Sides & Top Structure fabricated from 75 mm* 40mm *6 mm M.S channel, 40mm*40mm*6mm* M.S angle
For Biodegradable & Non-Biodegradable Waste	The Structure provided with a tilting type partition when hydraulically lifting at 900 mm back side with hinged arrangement to be fabricated from 40mm* 40mm* 6mm M.S angle with 2.5 mm CRC sheet.
Leachate	A Drain plug/ hole would be provided to drain the leachate or for cleaning along with collection reservoir.
Side Dala	Each side 2(Two) Nos unloading Dala fabricated from 35 mm* 35mm *5mm M.S angle with cross member of the same section.
Top Dala	Each side provided with 2 Nos loading Dala fabricated from 30 mm* 30mm* 5 mm M.S angle with cross member of the same section.
Platform sheet	Platform to be covered with 5 mm C.R C sheet with standard length
Sides & top Sheet	Sides to be covered with 2.5 mm thick CRC sheet & Top with 2 mm thick.
Cylinder	125mm. Dia* 1050mm. height Telescopic type hydraulic

	cylinder with hydraulic pipe for joint with the tractor with necessary accessories
Axle	1 (One) No. 65 mm Square M.S axle with Heavy duty C.I hubs & taper roller bearing size 30209 (SKF)
Spring	2 (Two) set 65 mm* 11mm *12 leaves Laminated leaf spring with U Clamp U Bolt & Shackle plate.
Tyre, Tube, Rim	2(Two) Nos New 750-16(16 ply) Nylon (CEAT/MRF/BIRLA/JK) tyre & Tube with heavy duty Five-hole rim.
Paint	The T. T Container shall be spray painted with two coat of superior quality anti-corrosive primer & two coats of enamel paint of reputed make.
Colour	Blue for Non-Biodegradable Waste & Green for Biodegradable Waste.
Materials	The material for the container would be steel conforming to IS 2062. Top door hinges, tail gate hinges, top flap support, Top bottom frame supports, angles, channels, tee, anchor pins, locking arrangement of tailgate should be heavy duty of rugged steel.
Messages	ULB logo and name of the ULB should be painted on each container along with messages as specified. Green Colour- "Compostable waste" in Bengali blue colour- "Non Compostable waste" in Bengali language.

Addendum : Minutes of the 49th Meeting of State Level Task Force on Solid Waste Management for discussion on several issues of solid waste management

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Meeting Attendees :

➤ List of Members and participants : Annexed

In partial modification of the minutes of 49th meeting of SLTF held on 01.02.2023 in point no. - 1, the following expression is hereby read as, "As Nirmal Bandhu concept is not applicable for KMC area, therefore, in KMC area deployment of manpower for collection of municipal solid waste shall be in accordance with the CPHEEO Manual for ensuring 100% collection of municipal solid waste as per directions of the Hon'ble NGT", in place of "Going by this norm and considering the existing conservancy manpower (Nirmal Bandhus) in place for Kolkata MC, further action may be taken by KMC to ensure 100% collection of municipal solid waste as per directions of the Hon'ble NGT".


(Supriya Ghosal)
Director, SUDA