

Government of NCT of Delhi
Directorate General of Health Services
F-17, Karkardooma, Delhi-110032
(BMW Management Cell)

No.F.25/3(1)/DHS/BMW/2017-18/2639-59

Dated: 27/11/2019

Minutes of Meeting

The meeting of Advisory Committee for Bio-medical Waste Management, under the Chairmanship of Pr. Secretary (H&FW), was held on 18.11.2019 at 12:00 noon in the Conference Hall -3, Delhi Secretariat, New Delhi to discuss the action taken with respect to previous Advisory Committee Meetings held on 26.03.2019 & 11.04.2019. In this meeting National Productivity Council (NPC), the consultancy organization which has been identified/nominated as the Transaction Advisor by DPCC for the development of Additional Common Bio-medical Waste Treatment & Disposal Facilities (CBWTF) in Delhi was invited to give presentation on the Expression of Interest (EOI) document proposed for the project. Attendance sheet is enclosed.

At the outset, Chairman welcomed all the members and their representatives. After the brief introduction of the purpose of the meeting by the In-charge (BMW Management Cell) in DGHS, NPC gave a detailed presentation on the EOI document prepared by them w.r.t. development of additional CBWTFs in Delhi. The presentation was followed by detailed discussions on the matter which has been put on issue no. 3 below.

The action taken in respect to previous Advisory Committee Meetings held on 26.03.2019 & 11.04.2019 were discussed. Further decisions taken on the basis of present status and discussions held during the meeting are tabulated below:

S. No.	Issue	ATR on previous minutes dated 26/03/19	Discussions and Decision Taken in the meeting
1.	Development of Website	DMA informed that DPCC website is not user friendly and consumes a lot of time for registration & renewal of authorisation under BMW Rules.	<p>DMA claimed that although most of its members are now registered with DPCC, some members are still facing difficulty in getting themselves registered in DPCC.</p> <p>DPCC claimed that the website is working and since April 2019, more than 5000 applications for authorization under BMW Rules have been received.</p> <p>It was decided that DMA may arrange one more camp alongwith other organizations/ associations in collaboration with DPCC, as done before, at its headquarter to enable the rest of its members apply in DPCC for authorization.</p>

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			<p>It was also decided to induct Delhi Medical Council (DMC), Delhi Dental Council (DDC), Delhi Dental Association (DDA), SS (H&FW), AYUSH, Nursing Home Forum (DMA), Indian Medical Association in the Advisory Committee.</p> <p>Action: DMA, H&FW, DPCC</p>
2.	Development of Training Module	MoEF has constituted Sub-committee of experts for framing training modules.	<p>CPCB nominee informed that guidelines as well as Tool kit on Bio-Medical Waste Management have been prepared by CPCB in collaboration with NPC and the same are available on CPCB website.</p> <p>It was decided that all agencies should use the module developed by CPCB for training purpose.</p> <p>Action : All stakeholders/ agencies</p>
3.	Requirement of Additional CBWTF (Common Biomedical Waste Treatment Facility)	Although the Comments of Law and DHS were inconclusive, it was decided to develop the additional CBWTFs in Delhi and for the purpose, whole geographical area of Delhi was divided into 4 zones. NPC has been designated as the transactional advisor for the development of the additional 3 CBWTFs from inviting EOI upto the selection of the vendor and development of the facility.	<p>A presentation was given by National Productivity Council (NPC) regarding inviting the Expression of Interest (EOI) for development of Common Biomedical Waste Treatment Facility (CBWTF).</p> <p>Detailed discussions w.r.t. requirement of number of additional facilities, economic viability of the project, zoning of Delhi, period of the CBWTF, practices followed in other states and other densely populated metropolitan City (Mumbai) etc followed the presentation. NPC is advised to visit Mumbai and Study Bio-Medical Waste Management system and study the pattern of establishment of CBWTFs in Mumbai. NPC divulged that the EOI was prepared by them based on the information provided by</p>

			<p>DPCC.</p> <p>Committee felt that although there is a need for developing more CBWTFs in Delhi, number of facilities needed should be based on some rationale/ study. The Committee requested NPC to conduct gap analysis as stipulated in the guidelines by CPCB for CBWTF. Based on such analysis, the EOI document needs to be reviewed and every term of the EOI/ tender should be defensible and backed by rationale and in compliance to the provisions of BMWM Rules. NPC was also advised to study successful models of other states, CVC guidelines & other applicable rules. The Eoi to be drafted in consultation and co-ordination with Delhi Pollution Control Committee (DPCC) while keeping in view the future scenario. The blueprint of Eoi may then be again presented before Advisory Committee. The work should be completed at the earliest.</p> <p>Discussions over the future scenario, in case of closure of M/s SMS Water Grace BMW (P) Ltd., whose lease with DGHS is going to expire in 20 April 2020, also ensued. As there are only 2 CBWTFs in Delhi, Committee felt that closure of one facility shall pose too much risk in case of any problem with the remaining one facility. It was felt that the continuation of the operation of a facility should be based on its performance. DPCC informed that in any case, the development of the additional CBWTF shall take minimum 2 years.</p> <p>File regarding request of extension by SMS Water Grace is already forwarded vide computer id</p>
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			000577727 dated: 23.10.2019. At present it is marked to da mona, received person oshmr on 13.11.2019 at 16:20 pm in Delhi Secretariat. Action : NPC, DPCC
4.	Bar Codes on bags/ Containers containing Biomedical Waste	The Subcommittee, constituted by Advisory Committee met on 17/06/19 and decided to develop the centralized software and to request CPCB for extension of one year for the implementation bar coding in Delhi. However, CPCB has expressed its inability to extend the time vide its letter dated 13/09/19. Considering the response of CPCB, it has been decided to implement the bar code system in Delhi as per the guidelines developed by CPCB and to develop the centralized software simultaneously. DPCC has written to both CBWTFs and all concerned organizations to ensure the implementation of bar code system in Delhi.	For development of the centralized barcode system, the Committee advised DPCC to visit and study the system/ model followed in States like Punjab, Gujrat & Maharashtra. In view of the reply of CPCB, the barcode system as stipulated in the guidelines for the same is to be followed. DPCC to write to all bedded health care facilities to use the software developed by both CBWTFs. A meeting shall be convened by DPCC with CBWTF & other stakeholders to work out the modalities for its smooth implementation at the earliest. Action: CBWTFs, all related organizations/ HCFs and DPCC
5.	Pre- treatment of Liquid Chemical Waste	The report furnished by Jamia Milia Islamia (JMI) needs to be finalized after their presentation of the report.	Jamia Milia Islamia (JMI) to give the presentation to DPCC and thereafter DPCC may finalize the report at the earliest. Action: DPCC
6.	Authorised recyclers for plastic waste & glass waste	CPCB informed that the list of authorized recyclers of plastic & glass waste may be referred from the website of concerned State Pollution Control Boards. Both the CBWTF claimed that they give the treated waste to authorized recyclers only.	As DPCC confirmed the claims of both the CBWTFs (as verified by record checking during their inspections) this item may be dropped from the next meeting agenda.

7.	X-Ray Fixer (Hypo)	<p>DPCC has authorized two recyclers/ utilizers for collection of X-Ray Fixer (Hypo) from HCFs in Delhi for disposal of the same at their facility outside Delhi with certain terms and conditions. The names of the recyclers are as follows:</p> <ol style="list-style-type: none"> 1. M/s Malana Silver Nitrate Recycling Unit, Village Rampur Gujran, Sangrur, Punjab- 148033 2. M/s V.K. Plastic Enterprises, 96/6, Arya Nagar Industrial Area, Loni, Ghaziabad, UP- 201102 <p>HCFs are not required to obtain authorization under the Hazardous Waste Management Rules, 2016 but shall be required to maintain the record while handing over the waste to the recyclers as per HOWM Rules, 2016.</p>	<p>As DPCC has displayed the names of the two recyclers on their website, this item may be removed from the next meeting agenda.</p>
8.	District Level Monitoring Committee	<p>Most of the DLMCs are not submitting reports on regular basis regarding their visits.</p>	<p>DGHS must issue notice to all the CDMOs to mandatorily conduct 2 DLMC visits per month.</p> <p>Action: CDMO</p>
9.	Creation of awareness among all stake holders	<p>DPCC has published advertisement in the month of June. One more is in pipeline. Apart from advertisements, press release on the various steps taken by DPCC to cover all the HCFs under the ambit of BMW Rule, 2016 and action taken against the violators have been published regularly.</p>	<p>It has to be maintained and should be done on the regular basis. As the action is already been taken, this item shall be removed from the next meeting agenda.</p> <p>Action: All concerned</p>

10.	Installation of ETP/ STP in Health Care Facilities	<p>CPCB official stated that Effluent standards as prescribed under BMWM Rules, 2016 as amended are required to be followed by all bedded Healthcare Facilities. Installation of ETP/STP by HCF is required only in case the discharge from HCFs is either connected with sewerage network without terminal Sewage Treatment Plant or not connected to public sewers.</p> <p>DPCC, however, informed that looking at the water scarcity in Delhi, DPCC Board has made STP/ ETP installation mandatory in HCFs having more than 50 beds. These HCFs are required to reuse the treated effluent.</p>	<p>All Hospital with the capacity of more than 50 beds must install ETP/ STP. As the issue has been clarified, this item shall be removed from next meeting agenda.</p> <p>Action: DPCC & CPCB</p>
11.	Installation of GPS and continuous online monitoring system	<p>As per DPCC both facilities have provided link to DPCC and CPCB w.r.t. the online monitoring system on stacks and the data is being received. Password for the GPS tracking of vehicles have also been provided.</p>	<p>Links provided by both facilities (CBWTFs) regarding GPS and continuous online monitoring system must be checked on regular basis. As the compliance is there, this issue/ item may be deleted from next meeting agenda.</p> <p>Action: DPCC</p>
12.	Inspection of BMW Collection Vehicles	<p>All vehicles are yet to inspected.</p>	<p>All the vehicles which have not been inspected yet must be inspected within 15 days.</p> <p>Action: DPCC</p>
13.	Third Party Audit	<p>Third party audit of Both the CBWTFs has been awarded to National Productivity Council (NPC),</p>	<p>National Productivity Council to carry out the audit at the earliest.</p> <p>Action: DPCC and NPC</p>
14.	One time authorization	<p>Issue of one time authorization of Non bedded health care facilities/clinics, DMA raised the issue of Rs. 5000/- and requested for</p>	<p>Already implemented. This item may be removed from next meeting agenda.</p>

		lower rates.	
15	Report of Autoclave by CBWTF	Chair was informed that both CBWTFs to submit monthly report of autoclave in term of testing capacity and plastic waste collected every day for the last 5 years.	Both the CBWTFs are reporting regularly, so no action is required. This item may be removed from next meeting agenda.
16.	BMW Collection reports from HDFs by CBWTF	Biotic Solutions- Submits monthly report to DPCC & DGHS SMS Water Grace- Updates monthly report on its official website.	No action required. This item may be removed from next meeting agenda.
17.	Regular Trainings to professional and services providers	Regular Trainings to professional and services providers	Trainings must be held on regular basis. Action: CDMOs and CBWTFs
18.	Usage of Black PVC	Black PVC is not completely ban "it is true" but it cannot be used for municipal solid waste management.	For municipal waste/ general waste, bio- degradable plastic of green and blue colour is to be used. Green is for wet/ kitchen waste & blue for dry waste. This must be ensured by All Hospitals, all agencies, All private nursing homes, DHS (Store), CPA. Action : SS(H&FW), AYUSH, DHS (Store), CPA, All Stake Holders

The meeting ended with vote of thanks to the Chair and this has been issued after approval of chair.


(Dr. M.P. Singh)
SMO (BMW)

No.F.25/3(1)/DHS/BMW/2017-18/

Dated:

Copy to for information and necessary action:

1. The Secretary (Environment), Govt. of NCT of Delhi, Delhi Sectt., New Delhi-02.
2. The Member Secretary, Central Pollution Control Board, Parivesh Bhavan, East Arjun Nagar, Near Karkardooma Court, Delhi-110 032.
3. The Member Secretary, Delhi Pollution Control Committee, 4th Floor, ISBT Main Building, Kashmere Gate, Delhi-06.
4. Youthika Puri, Sr. Scientist. CPCB, Parivesh Bhavan, East Arjun Nagar, Near Karkardooma Court, Delhi – 11 0 032.
5. The Addl. Commissioner (Health), East Delhi Municipal Corporation, Patparganj Indl. Area, Delhi-92.
6. The Addl. Commissioner (Health), North Delhi Municipal Corporation, Office of the Commissioner, North Delhi Municipal Corporation, 4th Floor, Block-e1 Wing, Dr Shyama Prasad Mukherjee, Civic Centre, Jawahar Lal Nehru Marg, New Delhi-110002.
7. The Addl. Commissioner (Health), South Delhi Municipal Corporation, South Delhi Municipal Corporation, E-1, 9th Floor, Dr. S.P. M Civic Centre, JLM MArg, New Delhi-110002
8. The Special Secretary (UD), Deptt. Of Urban Development, Govt. of NCT of Delhi.
9. All CDMOs, DGHS, Govt. of NCT of Delhi.
10. Medical Officer/Nodal Officer, Biomedical Waste, NDMC, Room No. 1002, Palika Kendra, New Delhi-01.
11. The Director (Animal Husbandry), Govt. of Delhi, Old Sectt., Delhi-54.
12. The President or his/her nominee, Delhi Medical Association, DMA House, Darya Ganj, New Delhi (Special Invitee)
13. President IMA (Indian Medical Association), Indian Medical Association, Indraprashta Marg, IP Estate, New Delhi, Delhi 110002.
14. Sh. Shukla Pal, Director, NPC, 5-6, Lodhi Rd, Gokalpuri, Institutional Area, Lodi Colony, New Delhi, Delhi 110003.
15. SMO, Mobile Health Scheme, Pandit Deep Chand Sahkar Bhawan, Marble Market, Sector 20, Dwarka, New Delhi – 110075.
16. The Chairman, Nursing Home forum, Delhi Medical Association, DMA House, Darya Ganj, New Delhi (Special Invitee).
17. Dr. M.K. Daga, Member Secretary, Centre for Occupational and Environmental Health, Ground Floor, B.L. Taneja Block, MAMC, New Delhi-110 002.
18. PS to Secretary (Health & Family Welfare), Govt. of NCT of Delhi, Delhi Sectt., New Delhi – 02, for information.
19. PS to Director, Dte. General of Health Services, F-17 Karkardooma, Delhi -32, for information.
20. Amit Nilwar, Director & Prabal Pratap Singh (Manager), SMS Water Grace BMW Pvt. Ltd., Delhi Jal Board, STP plant complex, Nilothi, New Delhi-110041
21. Ankit Gupta (GM-Marketing) & Abishek (Manager), Biotic Waste Solution Pvt. Ltd., 46, SSI Industrial Area, GT Karnal Road, Delhi-110033.

M. P. Singh
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