



ASSAM
down town
UNIVERSITY

Assam down town University

Established under The Assam Act No. VIII/ 2010, Gazette No. LGL. 9/2010/11
NAAC Accredited & UGC 12 (B) Status Holder

BIOMEDICAL WASTE MANAGEMENT

NAAC Accredited & UGC 12 (B) Status Holder





7.1.3. TYPES OF DEGRADABLE AND NON-DEGRADABLE WASTE MANAGEMENT SYSTEMS AVAILABLE IN VISTAS

3. Biomedical Waste Management:

Assam down town University manages its bio-medical waste in collaboration with “Fresh Air Waste Management Service Pvt Ltd.” having registered office at FATASHIL, G.S. COLONY, Guwahati, Assam to ensure safe and compliant disposal. The waste, including sharps, infectious materials, and other hazardous substances, is segregated at the source using color-coded bins. The agency handles the collection, treatment, and disposal of these wastes following regulatory standards. Additionally, one of the best ways to dispose of menstrual waste is to incinerate sanitary napkins using electrical or physical fire-based incinerators without allowing the smokes generated in the process to escape into the atmosphere.

Assam down town University (AdtU) installed the sanitary incinerated machines in girl's common room and washrooms for the proper hygienic disposal of menstrual waste and sanitary napkins.



Fig.3 (a):- Sanitary Napkin Incinerator: Women's Washroom





Fig.3 (b):- Sanitary Napkin Incinerator: Girl's Common Room

AdtU, Guwahati has implemented a systematic approach for the collection of biomedical waste by providing different-colored dustbins. Understanding the critical nature of handling biomedical waste, the University ensures proper segregation and disposal to maintain a safe and healthy environment for its community. The use of different colored dustbins in appropriate places in sufficient quantity helps distinguish between various types of biomedical waste, such as sharp objects, contaminated materials, or hazardous substances. This segregation system allows for the appropriate disposal and treatment of biomedical waste, reducing potential risks to human health and the environment.



Fig: - 3(c): Collection of Biomedical Waste in Different Colored Dustbins





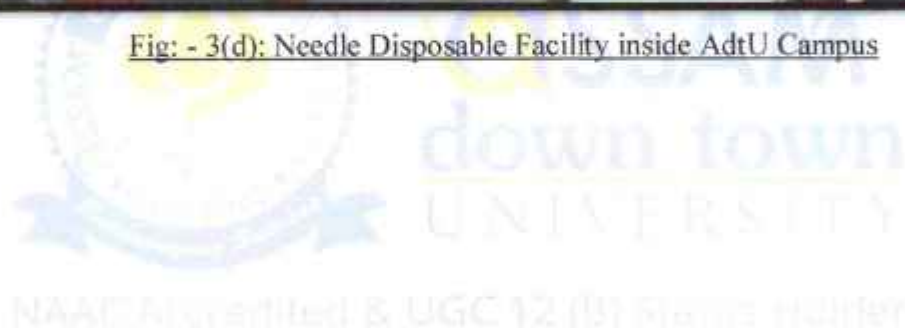
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Fig: - 3(d): Needle Disposable Facility inside AdtU Campus





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PROOF FOR BIOMEDICAL WASTE MANAGEMENT



NAAC ACCREDITED & UGC 12 (B) STATUS HOLDER



Authentication Code: FA/COR/2122/AGR/BMW/ 754

AGREEMENT

This agreement has been made between the FRESH AIR WASTE MANAGEMENT SERVICES PVT. LTD. having registered office at FATASHIL, G S COLONY, GUWAHATI 781009 in the district of Kamrup, Assam hereinafter called the FRESH AIR

AND

The Down Town Hospital Pvt. Ltd., Dispur, Guwahati a health care facility with 300 no of beds having its facility at the Assam in the district of Kamrup Metropolitan, Assam and its sister organization, Assam Down Town University, Panikhati, Guwahati hereafter called OCCUPIER

WHEREAS Fresh Air owns its Common Bio Medical Waste Treatment Facility at Hazo Bori Panikhati, Guwahati 781050, Assam, to treat, store and dispose of Bio Medical Wastes as per the guidelines issued under the Bio Medical Waste Management Rules 2016 and any amended thereof

WHEREAS OCCUPIER is desirous of getting its Bio Medical Waste disposed of by utilizing the Services of the Fresh Air in accordance with the requirement of applicable laws

Now therefore these presents witnessed and it is hereby declared and agreed by and between the parties hereto as follows:

1. The following terms in the agreement shall have the respective meaning assigned to them
"CBWTF" shall mean Common Bio Medical Waste Treatment Facility
"SPCB" shall mean State Pollution Control Board.
"BMW" shall mean Bio Medical Waste
"Rules" shall mean Bio Medical Wastes as per the guidelines issued under the Bio Medical Waste Management Rules 2016 and any amended thereof.
"Services" shall mean collection, transport, treatment, storage and disposal of the Bio Medical Waste
2. WASTE MANAGEMENT: The solid wastes once generated will be segregated and stored in colour coded waste bags in an isolated place by the OCCUPIER from where it will go for different treatment procedure. The OCCUPIER will depute one person who will hand over the BMW to FRESH AIR as per the scheduled time only after proper segregation. The Details of the BMW to be collected by FRESH AIR have given in the Schedule for Biomedical Solid Waste to be Collected. FRESH AIR will not collect any waste, which is not segregated.

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e-mail: info@freshairindia.com, partha.p@freshairindia.com
Websites: www.freshairindia.com

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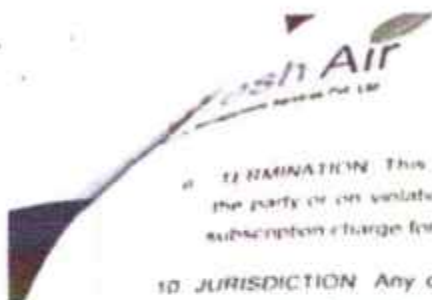


3. **COLLECTION TRANSPORTATION AND DISPOSAL** The FRESH AIR will be fully responsible for collection of BMW (BMW) from the end point of the OCCUPIER and their transportation, treatment & disposal of BMW strictly in accordance with the instructions issued by PCB, Assam. Guwahati fresh air, time. Frequency of collection will be agreed upon as per discussion by both the parties.
4. **WASTE DELIVERY & HANDOVER** The OCCUPIER undertakes to deliver or handover to FRESH AIR only the segregated Bio-Medical Waste generated by the OCCUPIER. Bags should be provided with bar code stickers as per the Rules. The OCCUPIER will scan the bags before handing over the waste bags to FRESH AIR. General Waste i.e. (MUNICIPAL SOLID WASTE IS NOT TO BE PUT INTO THE COLOUR CODED BAGS AT ALL). The FRESH AIR shall not collect waste Bags containing un-segregated waste. Disposal of discarded linen, mattresses, beddings contaminated with blood or body fluid etc if required separate arrangement for collection, disposal and payment will be made by both the parties with necessary planning.
5. **MEMBERSHIP REGISTRATION FEE** The OCCUPIER will pay a sum of Rs 17,500.00 (Rupees Seventeen Thousand Five Hundred Only) to FRESH AIR as membership fee for the term as mentioned in this agreement. This payment will be made at the time of this agreement.
6. **PAYMENTS** The OCCUPIER will pay FRESH AIR monthly subscription charge as per the bills raised by FRESH AIR at the end of every month which will be paid on or before 7th day of every month by the OCCUPIER. For disposal unsegregated of biopsy sample which come in plastic container immersed in formalin chemical, a separate handling charge will be paid by the OCCUPIER to FRESH AIR. In case of segregated Biopsy sample no extra charge will be taken. The details of the subscription charge is included in the Schedule for Subscription Charge. An increment 10% in the subscription charge will be considered in every financial year.
7. **TERM** The agreement will remain in force for a period of from 01/04/2021 to 31/03/2026 and will be renewable one month before expiry of the agreement.
8. **VALIDITY** This agreement shall be considered to be valid only with commencement of collection of BMW from the hospital and the University as mentioned in the item no.3 of this agreement. The collection of BMW shall be commenced with a clear letter from the authorized person of the hospital. This agreement is valid only for the Health Care Facility defined as OCCUPIER of this agreement. This agreement does not cover any other Health Care Facility or branch or sub centre other than the Health care facility defined as OCCUPIER.

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10. **TERMINATION:** This agreement may be terminated with a minimum two months clear notice by either of the party or on violation of any of the terms and conditions of this agreement or nonpayment of monthly subscription charge for more than two months.

11. **JURISDICTION:** Any dispute arising out of the agreement shall be subjected to the jurisdiction of the courts within Guwahati.

DATE: 31/03/2021

For Occupier



For FRESH AIR



Director

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Knowledge for Biomedical Solid Waste To be Collected

Yellow Type of Bio Medical Waste (a) Human Anatomical Waste: Human tissues, organs, body parts and fetus below the viability period (as per the Medical Termination of Pregnancy Act 1971, amended from time to time)	Yellow coloured non-chlorinated plastic bags
(b) Animal Anatomical Waste: Experimental animal carcasses, body parts, organs, tissues, including the waste generated from animals used in experiments or testing in veterinary hospitals or colleges or animal houses	Yellow coloured non-chlorinated plastic bags
(c) Soiled Waste: Items contaminated with blood, body fluids like dressings, plaster casts, cotton swabs and bags containing residual or discarded blood and blood components	Yellow coloured non-chlorinated plastic bags
(d) Expired or Discarded Medicines: Pharmaceutical waste like antibiotics, cytotoxic drugs including all items contaminated with cytotoxic drugs along with glass or plastic ampoules, vials etc.	Yellow coloured non-chlorinated plastic bags or containers
(e) Chemical Waste: Chemicals used in production of biological and used or discarded disinfectants	Yellow coloured non-chlorinated plastic bags
(f) Chemical Liquid Waste: Liquid waste generated due to use of chemicals in production of biological and used or discarded disinfectants, Silver X-ray film, developing liquid, discarded Formalin, infected secretions, aspirated body fluids, liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.	Separate collection system leading to effluent treatment system (Not to be handed over to Fresh Air)
(f) Chemical Liquid Waste: Liquid waste generated due to use of chemicals in production of biological and used or discarded disinfectants, Silver X-ray film, developing liquid, discarded Formalin, infected secretions, aspirated body fluids, liquid from laboratories and floor washings, cleaning, house-keeping and disinfecting activities etc.	Separate collection system leading to effluent treatment system (Not to be handed over to Fresh Air)
(g) Discarded linen, mattresses, beddings contaminated with blood or body fluid.	Non-chlorinated yellow plastic bags or suitable packing material
(h) Microbiology, Biotechnology and other clinical laboratory waste: Blood bags, Laboratory cultures, stocks or specimens of micro-organisms, live or attenuated vaccines, human and animal cell cultures used in research, industrial laboratories, production of biological, residual toxins, dishes and devices used for cultures	Autoclave safe bags or containers
Red Contaminated Waste (Recyclable): Wastes generated from disposable items such as tubing, bottles, intravenous tubes and sets, catheters, urine bags, syringes (without needles and fixed needle syringes) and vacutainers with their needles cut) and gloves.	Red coloured non-chlorinated plastic bags or containers
White (Translucent) Waste sharps including Metals: Needles, syringes with fixed needles, needles from needle tip cutter or burner, scalpels, blades, or any other contaminated sharp object that may cause puncture and cuts. This includes both used, discarded and contaminated metal sharps	Puncture proof, Leak proof tamper proof containers
Blue Glassware: Broken or discarded and contaminated glass including medicine vials and ampoules except those contaminated with cytotoxic wastes. Metallic Body Implants	Cardboard boxes with blue colored marking

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Subscription Charge

Work description	Amount in Rupees
Cost of Treatment and Disposal	45,000.00 per month
Cost of transportation	Included
Total	45000.00 per month
GST	Included
Grand Total	45000.00 per month

The subscription charge for the service rendered under this agreement will be increased by 10% every year as mentioned in the payment terms of this agreement.

Note:

- A) The above rates are considered for minimum 3 days of collection in a week and up to 0.250 Kg per bed per day generation of bio medical waste which is irrespective of occupancy. However, for every extra days of collection, if required, beyond 3 days of collection in a week will be charged by Rs.2250.00 per collection and for every extra kg of weight will be chargeable by Rs.50.00 per Kg. Payment for extra collection and weight, if required, will be paid by the OCCUPIER at the end of the month as per the bill raised by FRESH AIR. OCCUPIER will immediately inform FRESH AIR by email without any delay if the BMW collection is not done.
- B) For disposal unsegregated of biopsy sample which come in plastic container immersed in formalin chemical, a separate handling charge of Rs.3950.00 per trip will be paid by the OCCUPIER to FRESH AIR. In case of segregated Biopsy sample no extra charge will be taken.

FRESH AIR
WASTE MANAGEMENT SERVICES PVT. LTD.
31/07/21
DIRECTOR

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