



# **MoU** for **Waste Management**

- ▶ **Bio Medical Waste**
- ▶ **Hazardous Chemicals & Radioactive Waste**
- ▶ **E-Waste**

**University of Science & Technology Meghalaya**

AGREEMENT

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

AND

**University of Science & Technology Meghalaya** an educational Institution having its registered office at Kiling Road, 9th Mile, G.S Road, Ribhoi, Baridua, Meghalaya 793101 in the district of Kamrup, Assam, INDIA hereafter called OCCUPIER.

The OCCUPIER is having certain departments under its campus which produce Hazardous materials The said departments include the Department of Bioengineering & Technology, Biotechnology, Botany, Zoology and the University Hospital. The FRESH AIR, for its Biomedical Waste Management Program, offers their service to the OCCUPIER. By entering in to the agreement the OCCUPIER also has shown its concern to work against bio-hazard, which may be caused by medical and biomedical herein after called Biomedical Wastes and has agreed to join hands with the FRESH AIR under the following terms and conditions.


1. **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 Biomedical Wastes to FRESH AIR as per the scheduled time only after proper segregation. The Details of the wastes to be collected by FRESH AIR have given in schedule 1. FRESH AIR will not collect any waste, which is not segregated.
2. **COLLECTION, TRANSPORTATION AND DISPOSAL:** The FRESH AIR will be fully responsible for proper collection of Biomedical Waste from the end point of the OCCUPIER and their transportation, treatment & disposal of Biomedical Waste strictly in accordance with the instructions issued by Pollution Control Board (PCB), Assam, Guwahati from time to time.
3. **WASTE DELIVERY:** The OCCUPIER undertakes to deliver to the FRESH AIR only the segregated Biomedical Waste generated by the OCCUPIER. Bags should be duly signed and tagged. 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.

FRESH AIR  
WASTE MANAGEMENT SERVICES PVT. LTD.  
Deputy Registrar (Administration)  
University of Science & Technology  
Meghalaya.  
DIRECTOR

**Authentication Code: FA/COR/1920/AGR/BMW 703**

4. RECORDS AND REPORTS: Before lifting of Biomedical Waste, weight of different category of Waste will be recorded with a balance and data of each day will be recorded in a record sheet. FRESH AIR will report the waste collection, transportation and incineration on monthly basis to the OCCUPIER.
5. PAYMENTS: A fixed Subscription Fee of Rs. 3650/- (Rupees Three Thousand Six Hundred Fifty Only) per trip will be charged from the OCCUPIER by FRESH AIR which shall be made as per the bill raised by FRESH AIR by the OCCUPIER. The above motioned rate up to 100 k.g of Bio Medical Waste per trip, above 100 k.g the University/Research Laboratory will pay Rs. 22/- per kg.
6. TERM: The agreement will remain in force for a period of from 01/02/2019 to 31/03/2021 and will be renewable one month before expiry of the agreement.
7. REGISTRATION FEE: The OCCUPIER will pay a sum of Rs.3500.00 (Rupees Three Thousand Five Hundred Only) to FRESH AIR as a registration fee for the term mentioned in item no 6 during the time of the agreement.
8. 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.
9. JURISDICTION: Any dispute arising out of the agreement shall be subjected to the jurisdiction of the courts within Guwahati

DATE: 17/01/2019

  
Deputy Registrar (Administration)  
University of Science & Technology  
Meghalaya.

SIGNED ON BEHALF OF  
THE OCCUPIER

  
FRESH AIR  
WASTE MANAGEMENT SERVICES PVT. LTD.  
DIRECTOR

SIGNED ON BEHALF OF  
FRESH AIR

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Schedule 1: Biomedical Solid Waste To be Collected by Fresh Air from the occupier

Yellow

Type of Biomedical Waste	Storage
(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)
(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 <i>fixed needle syringes</i> ) and vacutainers with their needles cut) and gloves.	Red coloured non-chlorinated plastic bags or containers
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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
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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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Deputy Registrar (Administration)  
 University of Science & Technology  
 Meghalaya.

FRESH AIR  
 WASTE MANAGEMENT  
 DIRECTOR

## MOU FOR E-WASTE MANAGEMENT

This MOU for E- Waste Management is entered into on 08-05-2019 by and amongst,

**DM RECYCLERS** having its Registered office at 3194, Zakir Hussain colony, Near Tiranga Gas Godown, Hapur Road, Meerut(UP), represented by Mohd Khalid Malik, Proprietor.

**AND**

**University of Science & Technology Meghalaya(USTM)** having its Registered Office at Techno City, Ri-Bhoi, Baridua, Meghalaya (herein after referred to as the "USTM", which expression shall unless repugnant to the context or meaning thereof, mean and include its successors and permitted assigns) represented by Shri. Shamim Goney, Deputy Director-Administration.

### WHEREAS;

- DM RECYCLERS is operating a facility for the collection, transportation, channelization of waste through appropriate recyclers and E-Waste through the Producer Responsibility Organization channel and the take back system of authorized producer.
- USTM & DM RECYCLERS have agreed to partner for the management of and channelization of E-Waste in accordance with the terms of this MOU.

NOW THIS AGREEMENT witnesses as follows;

### DEFINITIONS AND INTERPRETATION

1. E-Waste – Will refer to the following kinds: Waste Electrical and Electronics items covered in the Schedule 1 of the E-Waste management rules 2016 notified by the Ministry of Environment forest and climate change, Government of India.

### SCOPE OF THE AGREEMENT

#### Responsibility of DM RECYCLERS

- To help in establishing the processes for collection and channelization of all E-Waste.
- To support with awareness programs on E-waste management.
- To pick up all E-Waste and compensate in agreed term.

#### Responsibility of USTM:

- To Organize in house activities related to e-waste management.
- To identify and segregate all kinds of E-Waste generated in all the campuses across USTM.
- To coordinate with DM RECYCLERS for picking up E-Waste for recycling.

Deputy Registrar (Administration)  
University of Science & Technology  
Meghalaya.



For DM RECYCLERS



Partner

# DM RECYCLERS

APPROVED E - WASTE RECYCLE CO.



## PAYMENTS

1. The payment shall be made within 7 days of the collection of recyclable waste in the form of an electronic transfer / cheque.

## TERM AND TERMINATION

1. This Agreement shall be in force for a period of 07 years from the date of signing of this Agreement. Upon completion of the term, the Agreement may be renewed at the option of both the Parties in writing on mutually agreed terms and conditions.

2. The Agreement may be terminated by either party by giving 3 months of prior written notice to the other Party.

## IN WITNESS WHEREOF,

This MOU has been signed by the duly authorized representatives of each Party hereto.

For  
DM RECYCLERS

For DM RECYCLERS

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Partner

Name: Mohd Khalid Malik  
Designation: Proprietor  
Registrar  
Date: 08-05-2019

Witness:

1.

2.

UNIVERSITY OF SCIENCE  
& TECHNOLOGY  
MEGHALAYA

Deputy Registrar (Administration)  
University of Science & Technology  
Meghalaya.

Name: Shamim Goney  
Designation: Deputy

Date: 08-05-2019

Witness:

1.

2.