

# CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT, UTTAR PRADESH



Registrar  
Ch. Charan Singh University  
Meerut

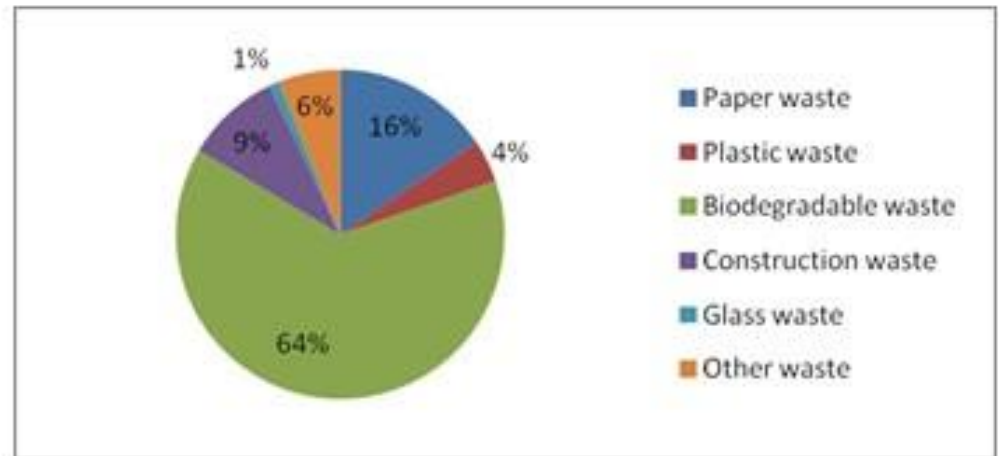
## 7.1.3

*Describe the facilities in the Institution for the management of the following types of degradable and non-degradable waste.*

**Status of solid waste generation in Chaudhary Charan Singh University Campus:**

SI No.	Month	Total Waste Kg/ Month
1	Oct-20	3551
2	Nov-20	3558
3	Dec-20	4186
4	Jan-21	3976
5	Feb-21	4051
6	Mar-21	4184
7	Apr-21	4674
8	May-21	4704
9	Jun-21	4733
10	Jul-21	4897
11	Aug-21	4305
12	Sep-21	4439

**Graph: Solid waste Generation at University Campus**



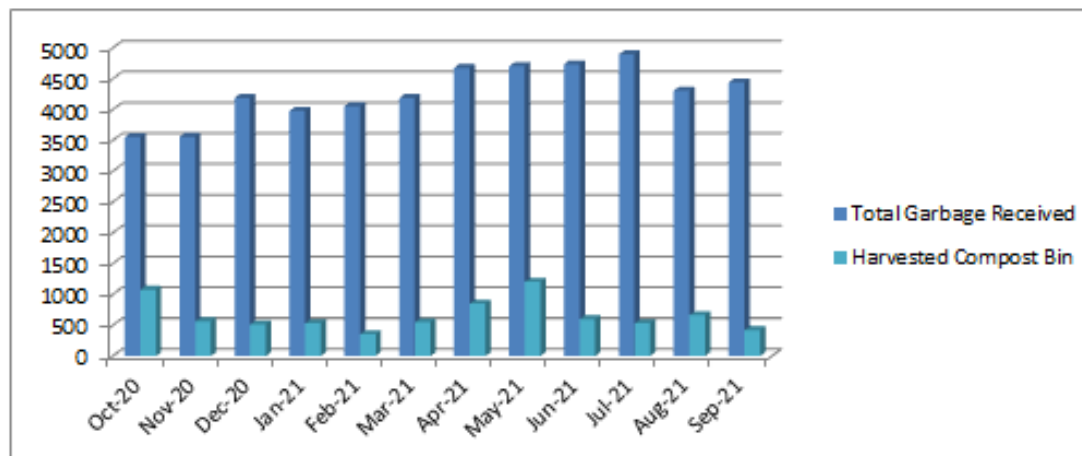
**Table: Solid Waste Generation at University Campus (kg / month)**

Category of waste	Paper waste	Plastic waste	Biodegradable waste	Construction waste	Glass waste	Other waste	Total waste kg/month	Total waste kg/year
Quantity	683.44	170.86	2733.76	384.43	42.71	170.86	4271.5	51258
Percentage	16	4	64	9	1	4	100	

## Detailed data on Waste Management

Sl No.	Month	Total Garbage Received (In kg)	Total Inert Quantity (In Kg)	Wet Garbage Process (In Kg)	Dry Material Recovered (In Kg)	Harvested Compost Bin (In Kg)	Compost Consumed as Absorbent (In Kg)
1	Oct-20	3551	1081	2470	460.9	1073	261
2	Nov-20	3558	1028	2330	510.5	562	194
3	Dec-20	4186	1580	2606	373	511	206
4	Jan-21	3976	1532	2444	259	528	201
5	Feb-21	4051	1777	2274	285	351	196
6	Mar-21	4184	1843	2341	314	546	216
7	Apr-21	4674	2043	2631	333	850	230
8	May-21	4704	2104	2600	229	1203	233
9	Jun-21	4733	2057	2676	361	597	227
10	Jul-21	4897	2207	2690	288	529	233
11	Aug-21	4305	2068	2237	283	663	218
12	Sep-21	4439	2156	2283	463	419	224

Below graph shows total harvested compost at bin out of total Garbage received.  
Approx. 20% of waste is harvested compost during the process.



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**Table: Departments generating highest and lowest quantity of solid waste.**

Waste	Quantity	Quantity kg/month	Quantity kg/year
Paper waste	Max.	683.44	8,201.3
	Min	22.8	273.4
Plastic waste	Max.	170.86	2,050.3
	Min	5.7	68.3
Biodegradable waste	Max.	2733.76	32,805.1
	Min	91.1	1,093.5
Construction waste	Max.	384.43	4,613.2
	Min	12.8	153.8
Glass waste	Max.	42.75	513.0
	Min	1.425	17.1



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### **Initiatives taken by the University for Waste Management:**

- Biodegradable waste is a major solid waste generated in campus is mostly from canteen, hostels and guest house kitchens. Canteen waste is collected and some biodegradable waste is treated by composting process.
- Glass waste is generated from laboratory mainly in the form of bottles; Many times bottles are reused for storing of other chemicals.
- Maximum e waste due to Computer laboratory, MCA and other courses. E-waste generated at Chaudhary Charan Singh University is sent for recycling and reuse.
- Hazardous waste generated in solid and liquid state during experiments in laboratory is disposed properly.



चौ० चरण सिंह विश्वविद्यालय, मेरठ  
Ch.Charan Singh University, Meerut

पत्रांक : सामान्य-08/3058  
दिनांक : 27/08/2022

समस्त संकायाध्यक्ष/विभागाध्यक्ष  
समन्वयक/निदेशक  
उपकुलसचिव/सहा०कुलसचिव  
कार्यालय अधीक्षक  
चौ० चरण सिंह विश्वविद्यालय, मेरठ।

अगवत कराना है कि विश्वविद्यालय की वर्ष 2020 की परीक्षा की उत्तर पुस्तिकाएँ तथा अन्य मिश्रित रद्दी उठवाने हेतु मैसर्स आनन्द ड्यूल्बेक्स लिमिटेड 9th कि०मी० मेरठ- मयाना रोड, ग्राम- सैनी, मेरठ (उत्तर प्रदेश) को विक्रय कार्यादेश संख्या वित्त/223(A) दिनांक 26.07.2022 निर्गत किया गया है। जिसमें मा० कुलपति जी द्वारा वर्ष 2020 की रद्दी उठवाने हेतु एक समिति को अधिकृत किया गया है जिसके संयोजक-डॉ० प्रदीप चौधरी, सांख्यिकी विभाग हैं। अतः आपके विभाग या अनुभाग में यदि कोई ऐसी रद्दी है, जिसे उठाया जाना है तो कृपया समिति के संयोजक अथवा प्रभारी (प्रशा०) को प्रत्येक दशा में दिनांक 05 सितम्बर, 2022 तक सूचना उपलब्ध कराने का काट करें जिससे रद्दी उठवाने की कार्यवाही समयबद्ध तरीके से की जा सकें।

  
27/08/22  
परीक्षा नियंत्रक

प्रतिलिपि:-

01. वैयक्तिक सहायक-कुलपति को कुलपति जी के अवलोकनार्थ।
02. वैयक्तिक सहायक-वित्त अधिकारी को वित्त अधिकारी महोदय के सूचनार्थ।
03. वैयक्तिक सहायक-कुलसचिव को कुलसचिव महोदय के सूचनार्थ।
04. वैयक्तिक सहायक-परीक्षा नियंत्रक को परीक्षा नियंत्रक महोदय के सूचनार्थ।
05. समिति के संयोजक-डॉ० प्रदीप चौधरी, सांख्यिकी विभाग के सूचनार्थ।
06. समिति के सदस्यों को सूचनार्थ।

प्रभारी (प्रशा०)



CH. CHARAN SINGH UNIVERSITY, MEERUT  
ENGINEERING SECTION

Ref. No: EN-2022-23

Date: 28.7.22

M/s Buen Manejo Del  
Campo India PVT. Ltd.  
22, Lohiya Jain Galore  
Tech, Pune&411021

Dear Sir,

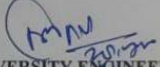
Ref: Your quotation no. nil dated 04-05-2022 for Supply and Installation in of Bio-Digester System in APJ Abdul Kalam hostel at University Campus.

You are requested to Supply/ Complete the following material/work within 15 days of the date of this order:-

S.No.	ITEM OF WORK	Qty.	Unit	Rate	Amount
1	2	3	4	5	6
1	Supply & Installation of Bio-digester system for quantity of 6 cubic,mt digester having sistema reactor, geotesile material, water Trap, pressure relief and isolation valve, Bio-gas H2S filter, Bio fertilizer tank, feedar tank, Cookstove-one unit, Gas piping with maximu limit up to 50 meter including standard system and pipe fitting.				
		1	Unit	147500.00	1,47,500.00
		TOTAL			1,47,500.00
		GST @18%			26,550.00
		GRAND TOTAL			1,74,050.00
		SAY			1,74,050.00

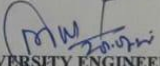
Rs. One lac seventy four thousand fifty only)

Please start the work immediately and complete in time positively.

  
UNIVERSITY ENGINEER

C.C. to :-

Sh. Manoj Kumar J.E. (C) for getting the work done in accordance with the specifications given in the work order. Measurements be recorded only after satisfactory completion of work.

  
UNIVERSITY ENGINEER

  
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**LETTER REGARDING INSTALLATION OF BIO DIGESTER SYSTEM IN  
APJ ABDUL KALAM HOSTEL IN CCS UNIVERSITY CAMPUS**



CH. CHARAN SINGH UNIVERSITY, MEERUT  
चौ० चरण सिंह विश्वविद्यालय, मेरठ  
अभियन्त्रण विभाग

पत्रांक: अवि०/2021-22/  
दिनांक: 14.9.21

विषय- चौ० चरण सिंह विश्वविद्यालय परिसर में इलेक्ट्रॉनिक सामग्री अर्थात ई-वेस्ट (जैसे  
कम्प्यूटर, फोटोस्टेट मशीन, प्रिंटर, कैमरे इत्यादि) की नीलागी के सम्बन्ध में।

उपरोक्त विषयक माननीय कुलपति महोदय द्वारा गिम्नसिडिडत समिति का गठन किया गया है। जो  
समय- समय पर ई-वेस्ट सामग्री की नीलागी के सम्बन्ध में कार्य करेगी। गठित समिति गिम्नसिडिडतनुसार  
है-

समिति के सम्मानित सदस्य-

1. प्रो० मृदुल कुमार गुप्ता- संकायगत्यक्त विज्ञान।
2. प्रो० नवीन चन्द्र लोहानी - संकायगत्यक्त कला।
3. वित्त अधिकारी।
4. कुलसचिव।
5. विश्वविद्यालय अभियन्ता।

उपरोक्त समिति के सदस्यों से अनुरोध है कि कृपया अपना सहयोग प्रदान करने का कष्ट करें। समिति  
की बैठक की सूचना आप सभी से जार्ता कर अलग से प्रेषित की जायेगी।

प्रतिलिपि-

1. सचिव कुलपति को कुलपति जी के अवलोकनार्थ।
2. समिति के समस्त सम्मननीय सदस्यों को सूचनाार्थ।

वित्त अधिकारी

वित्त अधिकारी

**Bill regarding E-waste management committee**

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# BIO-MEDICAL WASTE MANAGEMENT

Registrar  
Ch. Charan Singh University  
Meerut

  
**INDIA NON JUDICIAL**  
**Government of Uttar Pradesh**

अरविन्द सिंह लाल नर-10  
को नर-ए 03  
बैच नर करीब 10000

**e-Stamp**

Certificate No.	: IN-UP96952604902217U
Certificate Issued Date	: 22-May-2022 02:02 PM
Account Reference	: NEWIMPACC (SV) up14072304/ GHAZIABAD SADAR/ UP-GZB
Unique Doc. Reference	: SUBIN-UPUP1407230485363294058837U
Purchased by	: ENVIRON WASTE CONNECTIONS LLP
Description of Document	: Article 5 Agreement or Memorandum of an agreement
Property Description	: BN 102-104.PHASE-3. UPSIDE MG ROAD,INDL AREA GHAZIABAD HAPUR UP-201015
Consideration Price (Rs.)	:
First Party	: ENVIRON WASTE CONNECTIONS LLP
Second Party	: Not Applicable
Stamp Duty Paid By	: ENVIRON WASTE CONNECTIONS LLP
Stamp Duty Amount(Rs.)	: 10 (Ten only)



  
Finance Officer  
Ch Charan Singh University  
Meerut



e-Stamp Certificate No.: IN-UP96952604902217U

**AGREEMENT**

THIS AGREEMENT is made and executed on this 21<sup>TH</sup> day of July of the year 2022. (will remain effective for One (1) Years).

**BY AND BETWEEN**

M/s Environ Waste Connections LLP, (hereinafter referred to as "Service Provider") having its Registered office at D-27/1, Street No.-9, Near 30 Feet Road, Johripur Extn.,Delhi-110094 and Plant address at: BN: 102-104,Phase -III, UPSIDC,M.G. Road Indl.Area, Ghaziabad-Hapur UP-201015, duly represented by - Director or its representative.

**AND**

Name of Health Care Establishment (HCE) :-CHAUDHARY CHARAN SINGH UNIVERSITY, MEERUT  
(Hereinafter referred to as "Waste Generator")

Full Address:- CHAUDHARY CHARAN SINGH UNIVERSITY, GARH ROAD, MEERUT

Authorized Representative of Waste Generator: -SUSHIL KUMAR GUPTA  
Designation: -(FINANC OFFICER)

Contact No.:-9415028408 Email Id:.....

WHEREAS the "Service Provider" has been selected and duly authorized by U.P. State Pollution Control Board(UPSPCB) under the provisions of BMW Rules for providing services of the collection,transportation,storage,treatment and disposal of Bio-Medical Waste.


AND WHEREAS WASTE GENERATOR is desirous to outsource the disposal of Bio-Medical Waste generated by them and have approached "Service provider" for providing its services at its treatment facility located at BN: 102-104, Phase-III, UPSIDC, MG Road Indl.Area, Ghaziabad-Hapur, U.P.-201015.


And both the parties are agreed to enter this agreement on the terms and conditions narrated hereinafter.

NOW THIS INDENTURE WITNESS ETH and it is hereby covenant as follows:

**Validity of the Agreement:**

This agreement shall remain in force for a period of One (01) Yearw.e.f. 21/07/2022 to 20/07/2023 (both days are inclusive) and can be further renewed with mutual consent of both the parties.

  
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# BIO-MEDICAL WASTE MANAGEMENT

## Responsibilities of the "Service Provider":

1. "Service Provider" shall meet all the rules and regulations as stipulated by the SPCB And "Service Provider" alone is liable for any violation of the Environment (Protection) Act 1986 and the relevant rules made there under, after collection of BMW from the GENERATOR.
2. "Service Provider" shall collect the segregated bio-medical waste from the identified common waste collection point within the premises of GENERATOR on daily basis. "Service Provider" shall provide assistance to finalize the pick-up location to the GENERATOR. The GENERATOR shall be fully responsible for keeping the BMW under lock and key and protecting it from any sort of mishandling before it is handed over to any authorized person of Service Provider.
3. Service Provider shall schedule the timings for collecting the waste in consultation with the GENERATOR. In case "Service Provider" fails to collect the BMW within a time frame of 24 hours of the designated time due to any reason, the GENERATOR shall inform "Service Provider", who shall ensure to collect the BMW from the premises of the GENERATOR within the next 24 hours of the intimation.
4. "Service Provider" shall transport the segregated waste in closed container vehicle to its treatment facility in enclosed bins.
5. On the written request of the GENERATOR, "Service Provider" shall undertake to provide/educate the generator and its staff, at no extra cost, the initial training about these segregation /method of collection of BMW in designated color coded plastic bags.
6. "Service Provider" shall not be held liable for any kind of the violation made by the generator / or its staff under the Service Providerment (Protection) Act 1986 or any similar regulations/norms.
7. "Service Provider" shall be responsible for appropriate treatment and shredding of disinfected waste at the centralized facility as per Schedule-1 of the BMW Rules 2016.
8. "Service Provider" shall be responsible for the disposal of treated waste into secured landfills or in recycling plants as applicable.

## Responsibilities of the "Waste Generator":

1. The WASTE GENERATOR shall segregate the waste at the point of generation in accordance with the BMW Rules 2016 and in compliance with the standards prescribed thereunder.
2. The WASTE GENERATOR shall collect and hand over the segregated BMW in plastic bags as stipulated by the State Pollution Control Board (SPCB) norms.
3. All consumables like bags, needle cutters, disinfectants etc. shall be procured by the WASTE GENERATOR at its own cost.
4. All the bags shall be sealed tightly and labeled as per the rule by the WASTE GENERATOR and "Service Provider" will collect the sealed bags only from a secured designated point within the premises of the WASTE GENERATOR.



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5. The WASTE GENERATOR shall disinfect the sharps, mutilate them and hand over in Puncture Proof Containers to "Service Provider".
6. The WASTE GENERATOR shall take all steps to ensure that the waste is handled without adverse effects to human health and Service Providerment.
7. The WASTE GENERATOR shall establish a common secured waste collection point within its premises for collection and handing over to "Service Provider".
8. The WASTE GENERATOR shall furnish annual report on "Form-IV" regarding generation, collection and storage of Bio-Medical wastes in the prescribed format to State Pollution Control Board.
9. The WASTE GENERATOR shall maintain all the relevant records and make reports of the accidents to SPCB, if any, on "Form-1" as prescribed under the rules.
10. The WASTE GENERATOR shall designate a "Nodal Officer" to interact with "Service Provider".
11. The Bio-Medical Waste handed over by the WASTE GENERATOR may be checked and suggestions, if needed, may be provided for improvement in the segregation of waste by "Service Provider".
12. The WASTE GENERATOR shall obtain authorization from the State Pollution Control Board.
13. The WASTE GENERATOR shall be solely responsible for the number of beds being declared to "Service Provider", which must be same for which the authorization is obtained from State Pollution Control Board. The WASTE GENERATOR shall inform "Service Provider" and SPCB within 7 days about any change in the number of beds. Service Provider shall not be responsible for any under/over declaration by WASTE GENERATOR on this account.

## Terms & Conditions:

1. The WASTE GENERATOR shall pay One Time Non-Refundable Membership Registration Fee of Rs. NIL/-.
2. The WASTE GENERATOR shall pay amount equal to NIL months of service charges as refundable / adjustable security deposit.
3. Service Provider shall charge Rs. 1120/- (Rupees One Thousand One Hundred Twenty Only) Per Month and GST Exclusive @ 12% or as Applicable on Fixed Charges. Whereas it is principle agreed in between service provider and Waste generator that apart from this if waste generator will demand for service he will pay extra @ Rs. NIL/- and GST @ NIL% as per applicable per service.
4. Service Provider shall charge Rs.            /- (Rupees            Only) and GST @            % or as Applicable per Month, from date            Rs.            (Rupees           ) per month, For the service of collection, transportation, treatment & disposal of BMW, subject to the condition of maximum weight limit of 30 KG per month. The quantity of waste over & above the limit shall be charged @ Rs. 25 Along with the GSTs applicable. The service charges mention herein is applicable for the declared capacity of NIL beds only.
5. The above rates shall be increased annually by 10% on previous year's rates.



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# BIO-MEDICAL WASTE MANAGEMENT

6. The no. of beds as well as quantity of waste shall be reviewed annually. The agreement may be amended suitably, if required.
7. If the Waste Generator by virtue of any reason fails to make the payment within 30 days of submission of bills, "Service Provider" shall charge a late payment fee of Rs. 100 per day.
8. Service Provider would be at liberty to serve the notice of termination of agreement/suspension of services offered at any time to the WASTE GENERATOR if the WASTE GENERATOR fails to make the payment to "Service Provider" within a time frame of 3 months from the date on which they became so payable.
9. In the case of the termination of the agreement by virtue of applicability of Para 6 above the security deposit/ advance paid by the WASTE GENERATOR shall stand forfeited without impacting the original claim of the "Service Provider".
10. All payments shall be made through crossed a/c payee demand draft or cheque, favoring "Environ Waste Connections LLP" only.
11. All bounced cheques shall be charged @ Rs. 590/- extra in addition to the actual bank charges.
12. The jurisdiction of Court in all disputes would be the place of registered office of Service Provider only.

## Termination Clause


Both the parties would be at liberty to terminate this contract by serving a notice of 3 Months well in advance or alternately compensating the other party by an amount equal to the average of 3 month billing.

IN WITNESS WHEREOF, this Agreement has been executed by the Parties here to on the day and year first above written.

Signed and Delivered by:

For and on behalf of "Service Provider"      "For and on behalf of "Waste Generator"

Sign:   
Name: AMIT KUMAR - C.A.C.  
Designation: C.A.C.

Sign:   
Name: Finance Officer  
Ch Charan Singh University  
Meerut  
SUSHIL KUMAR GUPTA  
Designation: FINANCE OFFICER

  
Registrar  
Ch. Charan Singh University  
Meerut