



S.No.	Title	Page No.
1.	Context	02
2.	The Practice	
A.	Bio Medical Waste Management	03-13
B.	Solid waste management	14-21
C.	Patient diet services	22-27
D.	Promoting greenery and reducing C footprint	28-29
E.	Renewable energy and energy efficiency	30-33
F.	Water conservation	34-36
	Teaching and training	37-45
	Public awareness	46-53
	Evidence of success	54-58
	Problems encountered and resources required	59

Aradhana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

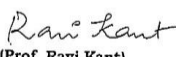
1. The Context:

 **King George's Medical University**
Uttar Pradesh, Lucknow, - 226003, India

Prof. Ravi Kant,
FRCS (Eng) FRCS (Edin) FRCS (Glasg) FRCS (Irel)
FAMS MS DNB FACS FRCS FRCS
Vice Chancellor
VC/KGMU/2015/ /0/ , Dated October 8, 2015

Circular

University Environment Cell will be now known as University Environment Department.


(Prof. Ravi Kant)
Vice Chancellor

Distribution -

- 1) All Faculty Members, KGMU, UP, Lucknow.
- 2) Registrar, KGMU, UP, Lucknow.
- 3) Finance Officer, KGMU, UP, Lucknow.

W: +91-522-2257540, M: +91-9651020000, +91-9868218536, Fax: +91-522-2257539
E-mail: vc@kgmcindia.edu, ravibina@gmail.com, Web: http://www.kgmcindia.edu
Co-ordinates 26° 52' 9" N 80° 54' 59" E



Upgradation of the Cell to University Environment Department

LT. GEN. (DR.) BIPIN PURI
PVSM, VSM (RETD.)
VICE CHANCELLOR
लेफ्टिनेंट जनरल (डॉ०) बिपिन पुरी
वीएसएम, वीएसएम (रिटाइरड)
कुलपति

 **KING GEORGE'S MEDICAL UNIVERSITY**
U.P., LUCKNOW
किंग जार्ज चिकित्सा विश्वविद्यालय, ३०५०
लखनऊ

Ref. No.: KGMU/VC/ /09/2021 Date: July 24, 2021

CIRCULAR

To ensure proper care of the admitted patients and optimizing patient care facilities, it has been decided that all Dieticians and Sanitary Inspectors of the Medical University will be attached to a central pool at University Environment Department till further orders.

They will be responsible to perform duties in newly assigned placed in addition to their parent department.

Any change of location & area of responsibility of dieticians and sanitary inspectors will be done only after prior concurrence of Head, University Environment Department.

These directions supersede all previous orders on the subject.


(Lt. Gen. (Dr.) Bipin Puri)
Vice Chancellor

Distribution:-

- 1- All Head of the Departments, KGMU, Lucknow.
- 2- Head, University Environment Department, KGMU, Lucknow.
- 3- Registrar, KGMU, Lucknow.
- 4- Finance Officer, KGMU, Lucknow.
- 5- Circular Book.

01 शाहमीना रोड, चौक, लखनऊ, ३०५०, भारत-२२६००३
01 Shahmina Road, Chowk, Lucknow, U.P., India - 226003

W: +91-522-2257540, Fax: +91-522-2257539
E-mail: vc@kgmcindia.edu, Web: kgmu.org
Twitter @kgmnlucknow, Facebook: kgmuupdate

NAAC
राष्ट्रीय गुणवत्ता एवं प्रशासन क्षीयता द्वारा 'ए' ग्रेडि स्टेटु प्रमाणित (2017-22)
Accredited by NAAC at 'A' Grade Level (2017-22)

Attachment of all Dieticians and Sanitary Inspectors to UED


Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

2. The Practice:

A. Bio Medical Waste Management:

 **UTTAR PRADESH POLLUTION CONTROL BOARD**
TC-12V, Vihbati Khand, Gomti Nagar, Lucknow-226010
Phone: 0522-2720828, 2720831 Fax: 0522-2720764
Email: info@uppcb.com Website: www.uppcb.com

FORM III
(See Rule 10)
AUTHORISATION

(AUTHORISATION FOR OPERATING A FACILITY FOR COLLECTION, RECEPTION, TREATMENT, STORAGE, TRANSPORT AND DISPOSAL OF BIOMEDICAL WASTES)

1. File no. of authorisation and date of issue: No:- 15205855 and Date:-19/05/2022

2. M/s KING GEORGE MEDICAL UNIVERSITY UP LUCKNOW an occupier/ operator of the facility located at KGMU Works department (Civil), Shahmina Road Chowk, LUCKNOW, 226003 is hereby granted an authorisation for:

Generation, segregation	Collection	
Storage	Transportation	
Reception	Use	
Recycling	Offering for sale	
Packaging	Transfer	
Treatment or Processing or Conversion	Disposal or destruction	
Any other form of handling		

3. M/s KING GEORGE MEDICAL UNIVERSITY UP LUCKNOW is hereby authorized for handling of biomedical waste as per the capacity given below:
(i) Number of beds of HCF: 3409 Beds
(ii) Number of health care facilities covered by CBMWTF:
(iii) Installed treatment and disposal capacity:
(iv) Area or distance covered by CBMWTF:
(v) Quantity of Biomedical waste handled, treated or disposed: 935 Kg/day

4. This authorisation shall be in force for a period of Years from the date of issue.

4.1 The authorization shall be valid for till 30/04/2027

5. This authorization is subject to the conditions stated below and to such other conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986

PRADEEP SHARMA Digitally signed by
Date: 2022.05.24
13:38:04 +05'30'

Terms and Conditions of Authorisation

- The authorisation shall comply with the provisions of the Environment (Protection) Act, 1986 and the rules made there under.
- The authorisation or its renewal shall be produced for inspection at the request of an officer authorised by the prescribed authority.
- The person authorized shall not rent, lend, sell, transfer or otherwise transport the biomedical wastes without obtaining prior permission of the prescribed authority.
- Any unauthorised change in personnel, equipment or working conditions as mentioned in the application by the person authorised shall constitute a breach of his authorisation.
- It is the duty of the authorised person to take prior permission of the prescribed authority to close down the facility and such other terms and conditions may be stipulated by the prescribed authority.
- The Unit will file the renewal application at least 2 months prior to the expiry of this Order

Waste Management Guidelines for KGMU, Lucknow, UP

These guidelines have been finalized with the approval of the Honorable Vice Chancellor and the University Environment Committee, KGMU.

The Head of the Departments and Nodal Officers to ensure that the guidelines are followed in letter and spirit.

- The basic need for Biomedical Waste Management Practices and their strict enforcement is to achieve 'segregation at point of generation', which allows for proper disposal of biomedical waste. This allows the hospital to be kept clean, employees safe, decrease the incidence of nosocomial infections and prevent dissemination of dreaded illnesses like Hepatitis B, HIV etc in the society.
- It is mandatory for all the employees (permanent and temporary) and other personnel of this hospital to practice and enforce standard and safe Biomedical Waste Management practices.
- Training of employees and other personnel in biomedical waste management practices is ongoing. Those who have yet not received training give their names through their Head of Department to the Chief Medical Superintendent or to the Head, University Environment Department.
- The University Environment Department (UED) is located near Respiratory Medicine, just opposite the stairs and is open Monday to Saturday during working hours.
- In case of problems/suggestions/complaints/queries/compliments or volunteering to be part of the BMWW workforce, please feel free to contact UED between 3-4 pm.
- It is a collective responsibility to ensure proper segregation at the point of generation i.e. the workplace. Excuses such as 'person in the last shift did this' and 'shortage of workforce, so we threw the rubbish on the floor' are not admissible.
- If by mistake, material has been thrown into a wrong bin, please let it be. Please do not attempt 'secondary segregation'. It poses a great risk to the health of the person attempting secondary segregation.
- Materials needed for convenient and proper segregation in the workplace have been provided in all departments/areas of KGMU. Demands for further requirements may be sent to the UED.
- The big and small trolleys, bins, hub cutters, sharp containers, liquid waste containers need to be kept neat and clean. This shall be the responsibility of the safai karmcharis posted locally at the workplace and needs to be regularly supervised by the Sisters and staff.
- The small bins kept bedside and in the trolleys shall be emptied by the safai karmcharis posted locally. The BMWW collection staff shall only collect waste from the designated collection points. For logistic reasons, the small dustbins will not be lined with polythene bags.
- Till the record keeping for biomedical waste becomes computerized, it is mandatory for the Sister/Staff/designated departmental employee to have the bags weighed in their presence and maintain records in the sheet provided. The record sheet MUST be deposited in the BMWW cell latest by 7th of every month, duly signed by the nodal officer.
- Designated Nodal Officer for BMW management in any department is fully responsible for the waste management activities in that department. He should work in consultation with the Head of department and the Bio-medical waste management committee. Specific issues will be addressed by Head, University Environment Department.

Authorized from UPPCB for 5 years (2022 till 2027)

BMW Guidelines in KGMU

Anurupa
Registrar
King George Medical University
Lucknow



Infrastructure: Waste bins , Hub cutters, trolleys and Posters

Archana
Registrar
King George Medical University
Lucknow



Waste collection Process

Daily Assessment Sheet For Segregation

Name of Department: Endocrine Surgery Nodal Officer: D.C. Singh's Assistant Month: March, 2025

Ward Name	Site Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
Endocrine Surgery G.T.	ENOC SUR 1	8	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	
Endocrine Surgery Ward	ENOC SUR 2	8	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	3	3	2	

Segregation Score:
 0. Mixed Waste no segregation at all
 1. Some segregation mostly mixed
 2. Fully segregated some mixing
 3. Fully segregated no mixing

Recommendations:
 1. None
 2. Remove Remedial measures
 3. Acceptable/Good & little more improvement
 4. Commendable

Signature: [Signature]
 Core Committee Member, U.P.U.

Monthly Segregation Sheet

Archana
 Registrar
 King George Medical University
 Lucknow



Track No.	Departments	Collection Trolley	Rickshaw Trolley(RT)/ Motorized Vehicle (MV)
01	Urology, All Surgical Ward, New Dental Building, Pharmacology, Pvt. Building, Ophthalmology	04	02 (RT)
02	QMH	02	02 (RT)
03	General Surgery, Plastic Surgery, Pediatric Surgery, Gandhi Ward	06	02 (RT)
04	Trauma Centre	03	03 (RT)
05	Mortury, Anatomy, Physiology, Biochemistry, New CV Hostel & Old CV Hostel, DK Vijay Lakshmi, Vijay Lakshmi, UG PG Girls Hostel, SPM, Pathology, Microbiology, RALC Building (PMR, Orthopaedics Surgery, Rheumatology, IDH)	04	01 (MV)
06	Shatabdi Phase-01 & Phase-02 Building	04	01 (MV)
07	Respiratory Medicine, Old & New OPD Building, Old Dental Building, Pediatrics, Neurology	05	02 (RT)
08	Psychiatry, GMH, CTVS, Thoracic Surgery, Vascular Surgery, Cardiology	04	02 (RT)

In Campus Waste Transportation using leak proof, covered, washable trolleys

Archana
Registrar
King George Medical University
Lucknow



In house waste storage at UED

Archana
Registrar
King George Medical University
Lucknow



Waste processing and Terminal Disposal : waste in red bags is autoclaved segregated and shredded and then sold to authorized vendors

Archana
Registrar
King George Medical University
Lucknow



Autoclave Sheet (Date: 26/04/2025) 0035

Autoclave A3 (Type of Load – Bio Medical Waste)

No. of Cycles	No. of Bags	Time	Temp. in °C	Pressure	Cooling Time	Chemical Indicator Colour Change (Yes/No)	Chemical Indicator Strips (paste the strip)	Operators Name	Comments
1	30	07:15:00	121	17.38	05.11	YES			
2	36	08:15:00	121	17.56	07.11	YES			
3	34	10:04:31	121	17.44	13.11	YES			
4	34	11:24:12	121	17.42	08.11	YES			
5	26	12:38:55	121	17.60	16.11	YES			
6	20	14:15:50	121	17.38	11.11	YES			
7	18	15:21:55	121	17.37	10.11	YES			

Autoclave A4 (Type of Load – Bio Medical Waste)

No. of Cycles	No. of Bags	Time	Temp. in °C	Pressure	Cooling Time	Chemical Indicator Colour Change (Yes/No)	Chemical Indicator Strips (paste the strip)	Operators Name	Comments
1	16	16:51:33	121	17.26	15.11	YES			
2									
3									
4									
5	15	17:14:38	121	16.22	10.11	YES			
6									
7									

Autoclave A1 (Type of Load – Bio Medical Waste)

No. of Cycles	No. of Bags	Time	Temp. in °C	Pressure	Cooling Time	Chemical Indicator Colour Change (Yes/No)	Chemical Indicator Strips (paste the strip)	Operators Name	Comments
1	20	18:02:49	121	16.22	05.11	YES			
2	24	19:08:17	121	16.38	07.11	YES			
3	22	20:24:13	121	16.34	10.11	YES			
4	24	21:43:53	121	16.38	12.11	YES			
5	24	23:05:40	121	16.38	16.11	YES			
6	20	24:22:15	121	16.22	11.11	YES			
7	22	25:40:16	121	16.34	10.11	YES			

Incinerable Waste handed over to Synergy
Without Autoclaving No/Weight: 58.12 After Autoclaving No/Weight: 55.800

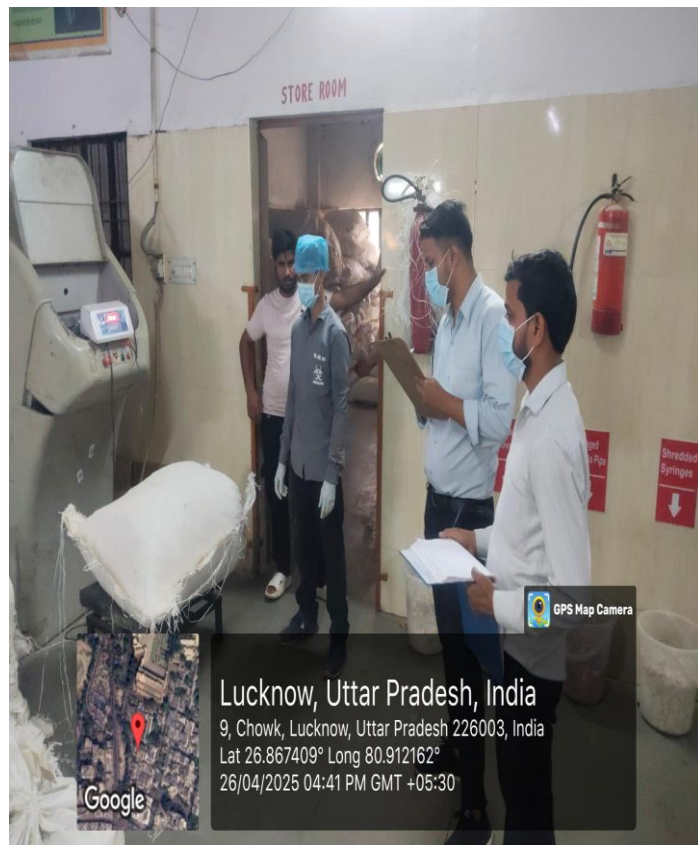
GPS Map Camera
Lucknow, Uttar Pradesh, India
9, Chowk, Lucknow, Uttar Pradesh 226003, India
Lat 26.867292° Long 80.91211°
26/04/2025 11:49 AM GMT +05:30

Autoclave testing Process / Recording done weekly

Archana
Registrar
King George Medical University
Lucknow



Shredding of plastic waste



Weighing

Archana
Registrar
King George Medical University
Lucknow



किंग जॉर्ज चिकित्सा विश्वविद्यालय, उ०प्र०, लखनऊ-226003

फोन : 91-0522-2258365 फैक्स : 91-0522-2257539 वेबसाइट : www.kgmciindia.edu

पत्रांक संख्या: /जी०एम० अ०भाग/2022 दिनांक: ०४-०३-२२

मेसर्स अवध इंटरप्राइजेज,
फ्लैट ग०-बी 202, गैलेक्सी हार्ड अपार्टमेंट,
सेक्टर-4, यु०न०वन योजना, रायबरेली रोड,
लखनऊ।

कृपया अवगत होना चाहिए कि Purchase of shredded & treated recyclable materials in KGMU (कटा हुआ उपचारित पुनर्चक्रण योग्य जैव चिकित्सा अपशिष्ट की खरीद हेतु निविदा) के कार्य हेतु मा० कुलपति जी के अनुमोदनोपरान्त जेम पोर्टल पर आमंत्रित बिड संख्या: जेम/2021/बी/1817942 दिनांक 31.12.2021 के द्वारा प्राप्त बिडों के सापेक्ष तकनीकी रूप से अहं एवं वित्तीय रूप से एच-1 आपकी बिड पाई गयी है, जिसका विवरण निम्नवत् है:-

Item Number	Item Title	Item Quantity	Unit Measure of	Unit Price (Inclusive of all taxes)	GST (Included In Unit Price)	%
1	Disinfected shredded syringes	1	KG	38.1	18	
2	Disinfected shredded gloves	1	KG	16.8	5	
3	Disinfected shredded saline bottles	1	KG	44.37	18	
4	Disinfected Canula Pipes IV sets, Catheters, tubes etc.	1	KG	21.4	18	
5	Disinfected Glass waste	1	KG	2.9	5	
6	Cardboard and Paper waste	1	KG	9.11	5	
7	Mixed Plastic	1	KG	5	18	

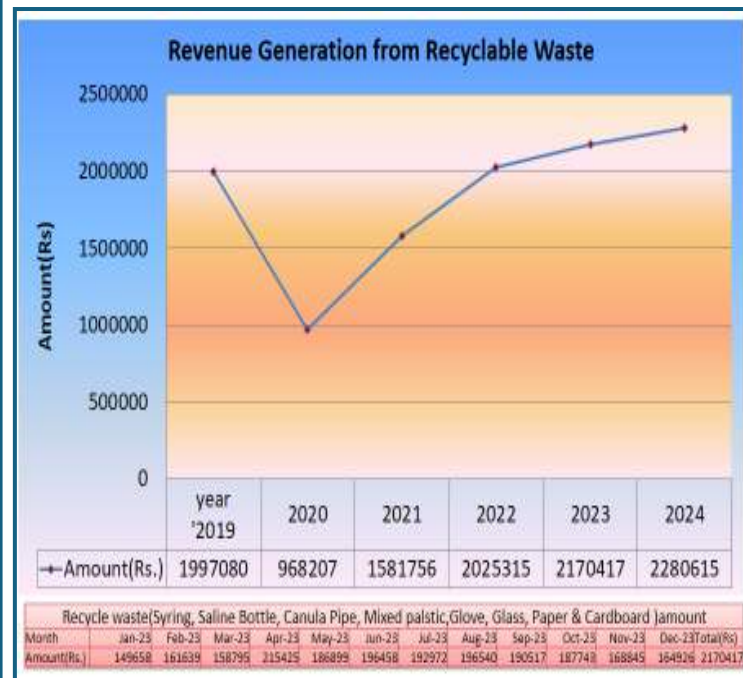
उक्त के क्रम में वित्त अधिकारी की संतुष्टि एवं मा० कुलपति जी के अनुमोदनोपरान्त आपको आवेदिता किया जाता है कि उपरोक्त कार्य आप द्वारा ऑनलाईन अंकिता की गई उक्त दरों के सापेक्ष विभागध्यक्ष, विश्वविद्यालय पर्यावरण विभाग, के०जी०एम०यू०, लखनऊ की देख-रेख में करना सुनिश्चित करें तथा अनुबंध हेतु रु० 100/- नौन जुडिशिएल स्टाम्प पेपर कार्यालय को उपलब्ध कराएं।

(आशुतोष कुमार द्विवेदी)
कुलसचिव

पृष्ठंकन संख्या: 13342/जी०एम० अ०भाग/ 2022 तद्दिनांक
प्रतिनिधि: निम्नलिखित को सूचनाएं एवं आवश्यक कार्यवाही हेतु भेजित:-

1. वित्त अधिकारी, के०जी०एम०यू०, लखनऊ।
2. मुख्य चिकित्सा अधीक्षक, मांभी स्मारक एवं संचयन चिकित्सालय, के०जी०एम०यू०, लखनऊ।
3. चिकित्सा अधीक्षक, मांभी स्मारक एवं संचयन चिकित्सालय, के०जी०एम०यू०, लखनऊ।
4. विभागध्यक्ष, विश्वविद्यालय पर्यावरण विभाग, के०जी०एम०यू०, लखनऊ।
5. मा० कुलपति जी के निजी सचिव को मा० कुलपति जी के अवलोकनार्थ।

(आशुतोष कुमार द्विवेदी)
कुलसचिव



Revenue Generation: Rates obtained through tender for selling of recyclable waste (glucose bottles, syringes, gloves etc) generating approx. 1.5-2 lacs per month


Registrar
 King George Medical University
 Lucknow

Amount of Waste Produced Bio Medical Waste Management, University Environment Department, KGMU UP, Lucknow (Period: Year 2019 to Year, 2024)

Sn.	Month	Total Waste	General Waste	Bio-Medical Waste in Kg				Total Bio-Medical Waste	Per day Bio-Medical Waste (Kg)	% of Bio-Medical Waste	per day General Waste in Kg	% of General Waste	Total Waste of per day per bed (Kg)
				Yellow (Incinerable Waste)	Red (Infected Plastic Waste)	Sharps	Glass						
1	Year 2019	2391602	1970093	119078	242161	2330	57940	421509	1155	18	5398	82	2
2	Year 2020	1789388	1458840	119918	166909	1902	41820	330548	906	18	3997	82	1
3	Year 2021	1987013	1489939	154289	289040	2709	51036	497074	1362	25	4082	75	1
4	Year 2022	2345506	1880114	158958	233342	2724	70368	465392	1275	20	5151	80	2
5	Year 2023	2418224	1862958	196796	277758	3299	77413	555266	1521	23	5104	77	2
6	Year 2024	2944635	2305487	205906	350042	3907	79293	639148	1751	22	6316	78	2
7	Average year 2019-2024)	2312728	1827905	159157	259875	2812	62978	484823	1328	21	5008	79	2



- General Waste (kg)
- Recycle Waste (kg)
- Incinerable Waste (kg)
- Glass Waste (kg)
- Sharp Waste (kg)

Waste Generation Data Year (2019-2024)

Archan
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW



अखिल भारतीय आयुर्विज्ञान संस्थान, रायबरेली
All India Institute of Medical Sciences, Raebareilly
(An Autonomous Institute under the Ministry of Health and Family Welfare, Govt. of India)
Munshiganj, Raebareilly - 229405, Uttar Pradesh, India
www.aiimsrbl.edu.in, Phone No. 2704400

Ref no. AIIMS/RBL/Store/AMS Office/2022-23/042/04

Date: 18.05.2022

M/s Awadh Enterprises,
Tajuddinpur Auralla, Mariyahu,
Jaunpur (U.P.)- 222161
e-mail:- awadhenterprises2009@gmail.com
Tender ID No: 2022_AMSRB_678567_1

Subject: Award of Contract for the management of Bio Medical Waste.

Dear Sir,

With reference to e-tender no. AIIMS/RBL/BMW/21-22/019 dated 12.03.2022. You are hereby awarded the work of BMW management as per the following details for a period of 3 years from the date of signing of the agreement:-

Sr. No.	Description	Unit	Rates (in INR) Inclusive GST
01	Collection of all bio-medical waste and general waste from Hospitals-Wards, OT, OPD, Labs, Mortuary, Administrative Block etc. Transportation and Treatment by own equipment for all BMWs and its Disposal except disposal of Yellow category of BMW. Documentation, Bar-coding, Data feeding in Government portal, Training, Encourage for on sight segregation, with all consumables in the management of Bio-Medical Waste and General waste with manpower	Per Bed/Per Month	1275.00

You are hereby requested to accept the said notification of award within 7 days from the date of issue of this letter. You may submit the signed copy of agreement on Stamp Paper of Rs. 100, and Bank Guarantee of Rs. 5,88,500.00 in favour of Executive Director, AIIMS Raebareilly, for the period of 38 months within 15 days from the date of issue of the letter of award.

Copy of Agreement format is attached for further necessary action.

(Samir Shukla)
Sr. Administrative Officer

RAM MANOHAR LOHIA INSTITUTE OF MEDICAL SCIENCES,
VIBHOOTI KHAND, GOMTI NAGAR, LUCKNOW
Phone No-0522-4918504, 4918555 Fax-0522-4918506

Ref: 806 /RMLIMS/BMWM Cell/2024-25

Date: 04/7/2024

Work Order::

To,

M/s Awadh Enterprises
Tazuddeenpur, Auralla Mariyahu,
Jaunpur, Uttar Pradesh-222161.

Sub:- Regarding In- House Bio-Medical Waste and General Waste Management services in Dr. Ram Manohar Lohia Institute of Medical Sciences, Hospital Block (Dr. RMLIMS) & Ram Prakash Gupta Memorial Hospital, Lucknow.

Agreement Ref:- 02/2023, Date:- 10/08/2023.

Dear Sir,

On the basis of satisfactory services and under the provision of agreement we wish to inform you that your due escalation @ 5% has been approved from 01/07/2024 to 30/06/2025 and work order is extended for one year with following terms & conditions:-

Terms & Conditions:-

1. Submit your acceptance letter in response to this work order within 7 days.

Payment :- Monthly payment.

Validity :- Work Order is valid from 01/07/2024 to 30/06/2025 @ Rs. 1,165.50/- per bed per month and monthly payment is @ Rs. 11,84,148.00/- including GST for 1016 Beds for SECTION-A work and Rs. 3,35,475.00/- per month including GST for SECTION-B work.

FOR :- Dr. RMLIMS Lucknow (Institute+Hospital Block+ R.P.G Hospital)

Yours Sincerely,

Prof. Ajai Kumar Singh
(Chief Medical Superintendent)
Chairman, BMW Management Committee
Dr. RMLIMS, Lucknow.

Ref: /RMLIMS/BMWM Cell/2024-25

Date: , 2024

Copy to:-

1. Finance Controller, Dr. RMLIMS, Lucknow.
2. Medical Superintendent, Dr. RMLIMS, Lucknow.
3. Medical Superintendent, Ram Prakash Gupta Memorial Hospital, Lucknow.
4. PA to Director, Dr. RMLIMS, Lucknow.
5. CMS Office, Dr. RMLIMS, Lucknow.

Prof. Ajai Kumar Singh
(Chief Medical Superintendent)
Chairman, BMW Management Committee
Dr. RMLIMS, Lucknow.

The Unique in house, revenue generating system has been adopted by other big Hospitals

Archana
Registrar
King George Medical University
Lucknow

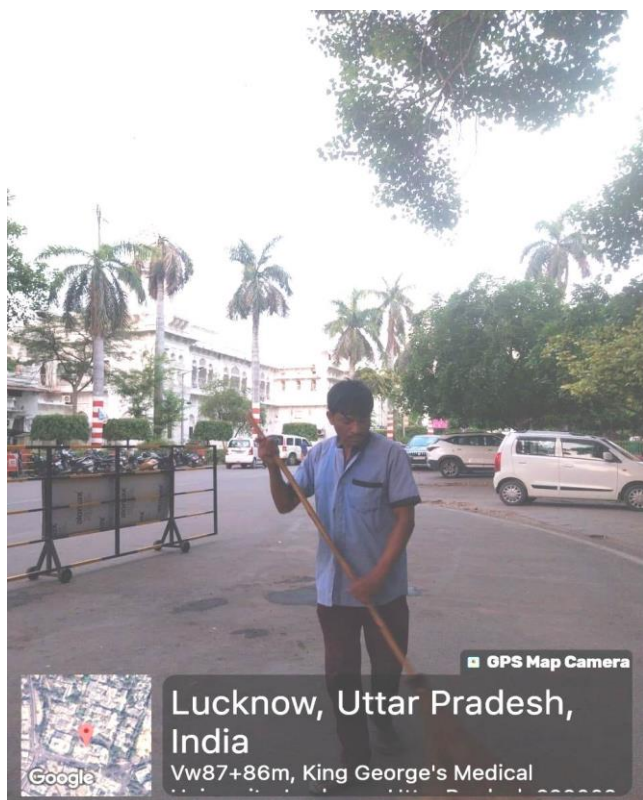


Dry and Wet waste segregation

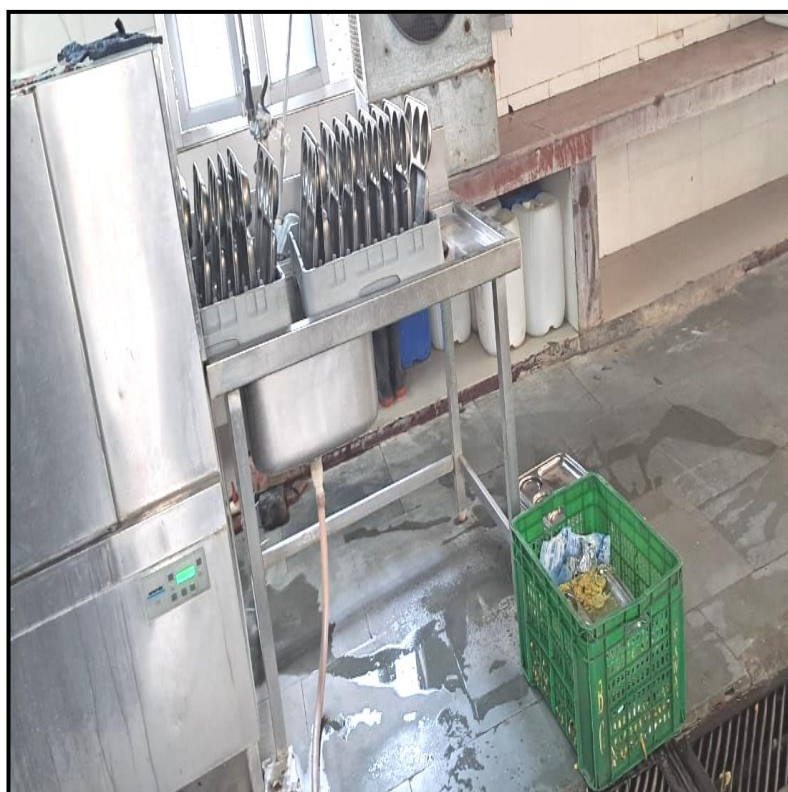


Big Bins designed for interim storage

Archana
Registrar
King George Medical University
Lucknow



Out Campus Cleaning worker in Uniform



Organic waste being generated during mechanised steel plate washing

Archiya
Registrar
King George Medical University
Lucknow



**Dry leaves being poured in
the composting Pit**



**Dry leaves being mixed
with cowdung slurry**

Archana
Registrar
King George Medical University
Lucknow



5 pits located at University Environment Department



11 new pits started functioning in the year 2024 located behind laundry service

Aradhana
Registrar
King George Medical University
Lucknow



NATIONAL BOTANICAL RESEARCH INSTITUTE
(COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH)
Post Box No: 436, Rana Pratap Marg
LUCKNOW-226001, India
Central Instrumentation Facility

Ref. No: NBRI/CIF/698/2019
ULR No: TC797219000000019F
Discipline – Chemical Testing
Group/Category – Soil and Rock
Sub Category – Clays & Soil

16.09.2019

TEST REPORT

A-Sample Details

Customer's Name & Address : Head University Environment Department
KGMU, Lucknow UP, India,

Item Names : Compost

Customer's code : NIL

Specification : NBRI-SOP-202

Date of analysis : 06.09.2019

Job order no : 698

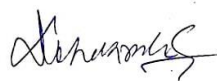
Date of receipt : 30.08.2019

Invoice No & date : CSIR/NBRI/26/2517 dated 03.09.2019 of Rs. 5015.00/-

B-Analysis Report

Sr. No.	Sample Name	pH	TOC	Available NPK		
				N	P	K
1.	Compost	8.0	8.4 (%)	0.08 (%)	49.5 (µg/g)	3.1 (mg/g)

Note: (a) This report pertains only to the samples submitted for the test.



(Head Customer Service Cell)



(Authorized signatories)
National Botanical Research Institute
Council of Scientific and Industrial Research
Rana Pratap Marg, Lucknow

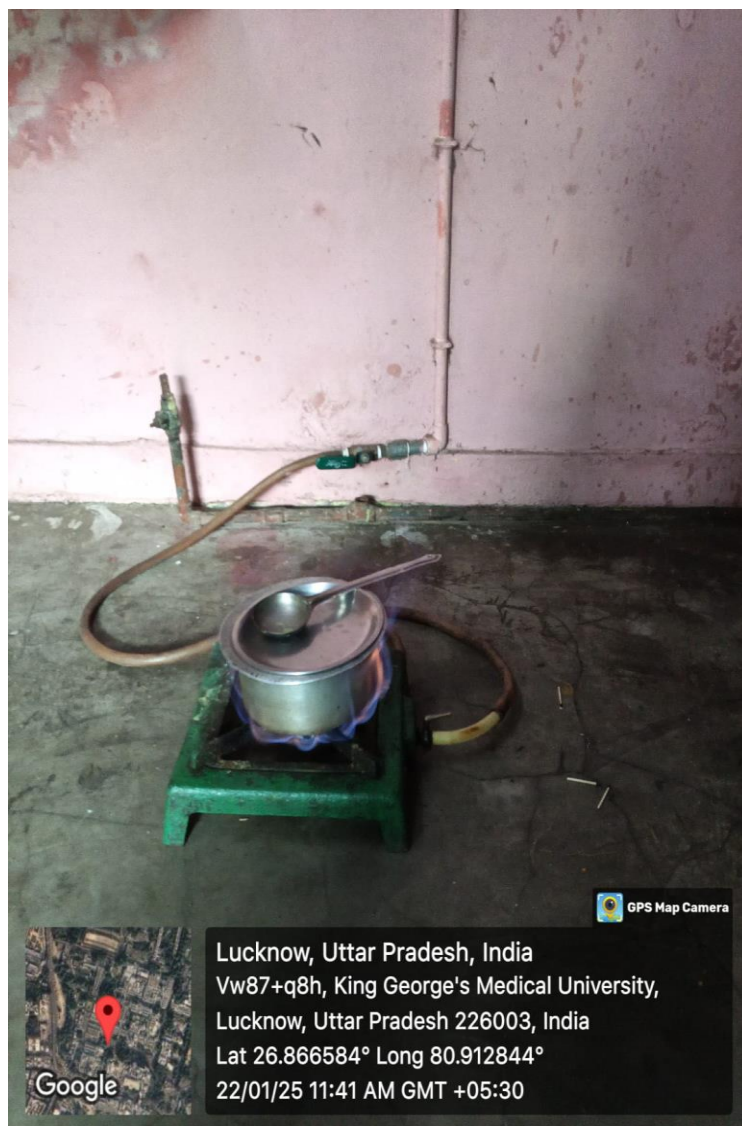
**Prepared Vermicompost is
being sent for quality testing
regularly**

**Sample report from NBRI (National
Botanical Research Institute)**

Archana
Registrar
King George Medical University
Lucknow



Sulabh Shauchlaya Complex
located at KGMU



Biogas being utilized for
cooking

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

U.P.T.T. No. - LW0241297 Dt. 10-08-2005



(Approved by
NEDA, U.P. Govt.)

G. S. CONSTRUCTION CO.
Contractor, General Order Supplier & Specialist in
**NIGHT SOIL BASED BIO GAS PLANT
WITH TOILET COMPLEX**

Mobile : 9415022247, 9415109343,
9415052231, 9919055550

C-33, C.M.S. Road, Sector "N", Aliganj,
Lucknow. U.P. 226 024

Ref. No.

Date 09/09/2024

To,
The Head of Department
University Environment Department
KGMU,
Lucknow, Uttar Pradesh

Subject: Acknowledgement and Update Regarding Permission Letter No. UED/428/24

Respected Sir/Madam,

I am writing in reference to the Permission Letter No. UED/428/24, dated 09/08/2024 through which approval was granted to excavate a section of the park for the restoration of the Night Soil-Based Plant (NSBP) at KGMU, Lucknow.

I am pleased to inform you that, with the support and permission extended by your department, the restoration work has been successfully completed, and the plant has been fully functional and operational since 6th September 2024.

We sincerely thank you for your kind cooperation and timely support in facilitating this important environmental initiative. Your continued encouragement plays a vital role in enabling such sustainable development efforts.

We look forward to working closely with your department in the future as well, and we deeply value your ongoing guidance and support.

With sincere regards,

Satmeet Singh
Managing Partner
G.S Construction
9532275229

किंग जार्ज चिकित्सा विश्वविद्यालय, उ०प्र०, लखनऊ- 226003
कुलसचिव कार्यालय
फोन: 91-0522-2258365 फैक्स: 91-0522-2257539 वेबसाइट: www.kgmu.org.
पत्रांक संख्या: /जी०प्र० अनुभाग/2024 दिनांक: 09.09.2024

URGENT

सेवा में,
मुख्य परीक्षका अधिकाारी,
पुरीनेडा, विभूति धाम, मोमती नगर,
लखनऊ।

विषय-के०जी०एम०यू० संस्थान के परिसर से उत्सर्जित जैविक अपशिष्ट से बायोगैस संयंत्र की स्थापना करने हेतु।

महोदय,
कृपया उपर्युक्त विषयक के०जी०एम०यू० संस्थान के परिसर से उत्सर्जित जैविक अपशिष्ट के उचित निस्तारण हेतु बायोगैस संयंत्र की स्थापना किया जाना आवश्यक है।

भारत सरकार के दिशा निर्देशानुसार जैविक वेस्ट के निस्तारण हेतु परिसर से उत्सर्जित जैविक वेस्ट हेतु संस्थान में बायोगैस संयंत्र की स्थापना हेतु अपने तकनीकी विशेषज्ञ से उचित मार्गदर्शन देने का कष्ट करें, जिससे विश्वविद्यालय द्वारा नियमानुसार अंतिम कार्यवाही सुनिश्चित की जा सके।

भवदीया
(अर्चना गहरवार)
कुलसचिव

पत्रांक संख्या: 5644 / जी०प्र० अनुभाग/2024 तद्विनांक:-
प्रतिनिधि-निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित:-
✓ विभागाध्यक्ष, विश्वविद्यालय पर्यावरण विभाग, के०जी०एम०यू०, लखनऊ।
2. लिजी सचिव मा० कुलपति।

09/09/24
(अर्चना गहरवार)
कुलसचिव

Old night soil based biogas plant was revived in 2024

Urgent request for installation of biogas plant, sent to UPNEDA

Archna
Registrar
King George Medical University
Lucknow

C. Patient Diet Services

Year 2023

Type of Diet	Number
Normal Diet	295095
Total HP Diet-	260794
Total Db Diet	47460
Total RT Diet	22198
Total Semi Solid Diet	1590
Total Private Normal Diet	10755
Total Private High Protein Diet	10321

Chart showing quality & Variety of diet being prepared and distributed from patient Kitchen

30

Diet Category: General, Ward: TRAUMA INTENSIVE CARE WARD (NICU); Report Type: Print for Dietitian, Date: 16/04/2025

	Sl. No.	IPD ID	Ward	Diet Type	HP	Remarks	NORMAL BREAKFAST	NORMAL DINNER	NORMAL LUNCH
1	SHAYADA	20250172872	202544612	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
1	KRISHNA KUMAR	20250156672	202540473	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
4	DHANPATI	20250163067	202542133	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
5	ARYAN	20250109874	202528750	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
6	MINAKSHI GAUTAM	20250126244	202533349	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
7	BABY OF PREET KAJAR	20250061238	202517385	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
8	JUHI KUMARI	20250117911	202530853	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
9	RAGHAV GUPTA	20250172728	202544513	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
10	BABY OF PRITI SHARMA	20250156398	202540293	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
12	SRI MATI	20250172653	202544528	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
13	MASTER ANIRUDH	20250153198	202539955	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
14	BABY OF KAVITA	20250114399	202529932	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
16	ARTI MAURYA	20250156632	202540449	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
17	BABY OF EKTA YADAV	20250167870	202543371	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
18	NAGMA	20240458316	2024111065	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
19	ANITA SONKAR	20250087500	202522916	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
20	NIRALI SHUKLA	20250152385	202539515	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
21	RICHA KUMARI TWO	20250172851	202544573	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
22	DEEPA MAURYA	20250170879	202543950	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
23	GUNJA	20250104144	202527151	TRAUMA INTENSIVE CARE WARD (NICU)	NORMAL	-- --	1	1	1
						Total	20	20	20

NORMAL 20
Total 20

Verified by
Ms. Deepthi Rawat
Dietician

Online Diet demand sheet filled by Sister Incharge

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

किंग जार्ज चिकित्सा विश्वविद्यालय,
(अधीक्षक कार्यालय)
गांधी स्मारक एवं सम्बद्ध चिकित्सालय,
उत्तर प्रदेश, लखनऊ-226003

नोटिस संख्या-138201, दिनांक-20/09/2024

रोगियों के आहार-पोषण हेतु समिति का गठन

किंग जार्ज चिकित्सा विश्वविद्यालय उ0प्र0, लखनऊ के विभिन्न विभागों/वाडों इत्यादि में उपचार हेतु भर्ती रोगियों के आहार पोषण उपलब्ध कराने हेतु मा0 कुलपति महोदय जी के अनुमोदनोपरान्त निम्नलिखित सदस्यों की समिति का गठन किया गया है:-

- डॉ0 कीर्ति श्रीवास्तव, विभागाध्यक्ष, विश्वविद्यालय पर्यावरण विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - संयोजक
- डॉ0 शालिनी त्रिपाठी, बाल विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - सदस्य
- डॉ0 रवि प्रकाश, एनेस्थीसिया विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - सदस्य
- डॉ0 भाव्या नैयानी, प्लास्टिक सर्जरी विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - सदस्य
- डॉ0 अनुज यादव, मेडिसिन विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - सदस्य
- डॉ0 अभिषेक सैनी, स्पोर्ट मेडिसिन विभाग, के0जी0एम0यू0 उ0प्र0, लखनऊ। - सदस्य

भवदीय

चिकित्सा अधीक्षक
गांधी स्मारक एवं सम्बद्ध चिकित्सालय,
के0जी0एम0यू0, उ0प्र0, लखनऊ।

पृष्ठकन संख्या...../उक्त दिनांक

प्रतिनिधि निम्नलिखित को सूचनार्थ एवं अग्रिम आवश्यक कार्यवाही हेतु प्रेषित:-

- कुलसचिव, किंग जार्ज चिकित्सा विश्वविद्यालय उ0प्र0, लखनऊ।
- मुख्य चिकित्सा अधीक्षक, गांधी स्मारक एवं सम्बद्ध चिकित्सालय, के0जी0एम0यू0 उ0प्र0, लखनऊ।
- समस्त विभागाध्यक्ष, चिकित्सा संकाय/दंत संकाय, के0जी0एम0यू0 उ0प्र0, लखनऊ।
- उपरोक्त समिति के सदस्यों को।
- निजी सचिव को, मा0 कुलपति महोदय जी के अवलोकनार्थ।

चिकित्सा अधीक्षक
गांधी स्मारक एवं सम्बद्ध चिकित्सालय,
के0जी0एम0यू0, उ0प्र0, लखनऊ।



**Order for Constitution of new
Nutrition Committee in 2024**

Nutrition Committee Meeting

Anshu
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

किंग जार्ज चिकित्सा विश्वविद्यालय,
(अधीनस्थ कार्यालय)
ऑफिस ऑफ डायट एवं संपन्न चिकित्सा विभाग,
अन्तर प्रदेश, लखनऊ-226003
दिनांक: 07.10.2024

सेवा में,
1. मुख्य चिकित्सा अधीक्षक, (डायट सेक्टर)
2. चिकित्सा अधीक्षक, (सहायक केन्द्र-1,2)
3. समस्त विभागाध्यक्ष, (चिकित्सा/दंत संकाय सहित)
किंग जार्ज चिकित्सा विश्वविद्यालय, लखनऊ।

महोदय/महोदया,

कृपया विश्वविद्यालय पर्यावरण विभाग, के0जी0एम0यू0, लखनऊ के पत्र सं0 503/503/24 दिनांक 05.10.2024 (सहायक संलग्न) पर संदर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा विभिन्न विभागों में संचालित ओपेन0डी0/वार्ड/यूनिट/आई.सी.यू. इत्यादि में उपचार हेतु आने वाले रोगियों को डाइट उपलब्ध कराने के सन्दर्भ में डायटेशियन की तैनाती हेतु ड्यूटी रोस्टर तैयार कर अग्रेसर/सहायक कार्यलय में उपलब्ध कराया गया है।

अतः विश्वविद्यालय पर्यावरण विभाग के उपरोक्त पत्र दिनांक 05.10.2024 में वर्णित तालिमानुसार डायटेशियन की तैनाती हेतु आप पत्र दिनांक 07.10.2024 से 03 माह/अग्रिम आदेशों तक के लिए किया जाता है।

संलग्नक-उपरोक्तानुसार

चर्चा,
चिकित्सा अधीक्षक
गांधी स्मारक एवं संपन्न चिकित्सा विभाग,
के0जी0एम0यू0, लखनऊ।

पुष्टांकन संख्या 97227/उक्त दिनांक
प्रतिनिधि निम्नलिखित को सूचनाएं एवं आवश्यक कार्यवाही हेतु प्रेषित-
1. मुख्य चिकित्सा अधीक्षक, गांधी स्मारक एवं संपन्न चिकित्सा विभाग, के0जी0एम0यू0, लखनऊ।
2. कुलसचिव, के0जी0एम0यू0, लखनऊ।
3. विभागाध्यक्ष, पर्यावरण विभाग, के0जी0एम0यू0, लखनऊ।
4. एक प्रति संघीयत कर्मचारी।
5. निजी तौर पर मा0 कुलपति महोदय जी के अवलोकनार्थ।

चिकित्सा अधीक्षक
गांधी स्मारक एवं संपन्न चिकित्सा विभाग,
के0जी0एम0यू0, लखनऊ।

Dietician Duty Roster		
Name of Dieticians	Ward, OPD & ICU Posting Timing (09:00 AM to 03:00 PM)	Attend reference Timing (03:00PM to 04:00PM)
Mrs. Deepthi Rawat	Medicine (Ward & ICU), Patient Kitchen Services	Dermatology
Mrs. Shalini Srivastava	Cardiology OPD (09:00 to 1:30) Cardiology (ICU & Ward)	CTVS
Mrs. Bhawna Singh	Gastro Medicine, Respiratory (ICU & Ward),	General Surgery, Neurosurgery
Ms. Indrika Tyagi	Pediatric Ward, PICU	OMFS, Pediatric Surgery
Ms. Kajal Tiwari	Gastro surgery (ICU & Ward), Pain Ward	Psychiatry, GMH
Ms. Anjali Negi	CCM, METC	Trauma Centre (Pediatric Emergency, Neurosurgery Preop, Neurology, Pediatric Orthopedics, Orthopedics Surgery)
Ms. Priyanka Mishra	Sports Medicine, PCCM (Ward & ICU)	Trauma Centre (General Surgery, RSO, Trauma Surgery, Neurosurgery Postop, Emergency Medicine)
Mrs. Sunita Saxena	Patient Kitchen Services, NICU & All Cancer Ward	Rheumatology
Ms. Mridul Vibha	Main OPD (09:00 to 01:30 PM), Burn ICU & Plastic Surgery Ward	Thoracic Surgery & Vascular Surgery
Mrs. Vidya Priya	Medicine OPD (09:00 to 01:30 PM), TVU	Neurology
Mrs. Sandhya Singh	Nephrology, QMH OPD	ENT
Ms. Eram Khan	Pediatric Orthopedics, QMH (ICU & Ward)	RALC (Orthopedics Surgery, PMR)
Mrs. Kalawati Rawat	Urology, IDH ICU, CCU-2	Ophthalmology

Note:-

- All dieticians are instructed to be available on their respective duty places as per the schedule
- Strict action will be taken if they are found absent without prior information
- All are expected to submit the certificate of satisfactory work duly signed by the ICU I/c at the end of the month.
- Individual patient detailing (logbook) to be maintained by the dietician posted.

The above order is valid for 06 months or next order (whichever may happen) from the date of its commencement.

(Prof Kirti Srivastava)
Head
University Environment dept.
& Convener, Diet & Nutrition Committee,
KGMU UP, Lucknow.

(Dr. Ravi Prakash)
Member, Diet & Nutrition Committee
Anesthesiology dept.
KGMU, UP, Lucknow

Dietician Duty Roster

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW



Form C
Government of Uttar Pradesh
Department of Food Safety and Drug Administration
Food Safety and Standards Authority of India
License under FSS Act, 2006



अनुज्ञापि संख्या / License Number: 12719066000762

1. Name & Registered Office address of Licensee / अनुज्ञापिधारी के पंजीकृत कार्यालय का नाम और पता: JAISWAL CANTEN A
Jaiswal Canteen A, 7th floor
Shatabdi Phase 2, KGMU, Chowk Lucknow,
Lucknow, Uttar Pradesh-226003

2. Address of Authorized Premises / प्राधिकृत परिसरों का पता: Jaiswal Canteen A, 7th floor
Shatabdi Phase 2, KGMU, Chowk Lucknow,
Nagar Nigam Food Safety Zone-8, Lucknow,
Uttar Pradesh-226003

3. Kind of Business / कारोबार का प्रकार: Food Services - Club/Canteen

4. Dairy Business Details / डेयरी कारोबार विवरण हेतु: No

5. Category of License / अनुज्ञापि का स्तर: State License

This license is granted under and is subject to the provisions of FSS Act, 2006 all of which must be complied with by the licensee. / यह अनुज्ञापि बाजार संधार और मानक अधिनियम, 2006 के अधीन अनुदान की गई और यह अधिनियम के उपबंधों के अनुसार ही प्रयोग अनुज्ञापिधारी द्वारा आवश्यक पालन किया जाना चाहिए।

Place / स्थान: Lucknow
Issued On / दिनांक: 30-01-2021 (Modified License)
Valid Upto: / वैधता: 31-08-2025 (For details, refer Annexure)

Designated Officer

Annexures:
1. [Product Annexure](#)
2. [Validity Annexure](#)
3. [Non-Form C Annexure](#)
4. [Conditions Of License](#)

Note:
1. Application for renewal of License can be filed as early as 180 days prior to expiry date of License. You can file application for renewal or modification of License by login into FSSAI's Food Safety Compliance System(<https://foscos.fssai.gov.in>) with your user id and password or call us at 1800112100 for any clarification.
2. This License is only to commence or carry on food businesses and not for any other purpose.
3. This is computer generated license and doesn't require any signature or stamp by authority.



ITS TESTING LABORATORY PRIVATE LIMITED
Laboratory: A-114, Sector-80, Phase-II Noida, Gautam Budh Nagar - 201305, (U.P.)
(An ISO 9001: 2015, ISO 14001:2015 & ISO 45001:2018 Certified Laboratory)
Recognised by MOEF & CC(Ministry of Environment Forest and Climate Change)
Website: www.itslab.in, Email: contact@itslab.in, itrlab@gmail.com, info@itslab.in, itrlab@gmail.com
+91 9011659800, 9305780312, 09958849764, 07210888634

TEST REPORT
Food Sample Analysis
Report Code: FD-170124-05
Issue Date: 24/01/2024

Issued To : JAISWAL CANTEN A
Address : Shatabdi phase 2 king George's medical University Lucknow-226003

Sample Received On : 17/01/2024
Sample Drawn By : Mr. K. K Sharma (ITS)
Sample Drawn On : 16/01/2024
Sample Description : Chapati (Roti)
Sample Quantity and Packing : 250 gm, Polypack
Analysis Duration : 17/01/2024 To 24/01/2024
Sample Collection site : Jaiswal Canteen A
Method of Sampling : ITS/LAB/Sampling/ Food
Remark : -

S.No.	Parameter	Test Method	Unit	Result	Limit
1.	Total Coliform	IS:5401(Part-1): 2012,	CFU/gm	<10	100 Max
2.	Total Plate Count	IS 5402:2012	CFU/gm	1.1 x 10 ⁵	100000 Max
3.	E.Coli	IS: 5887 (P-1):1976	CFU/gm	Absent	<3
4.	Staphylococcus aureus	IS: 5887 (P-8):1976	CFU/gm	<10	100 Max
5.	Salmonella	IS: 5887 (P-3):1976	CFU/25gm	Absent	Absent

Remarks: ICMSF : International commission on microbiological specification for food.
Interference : The tested sample confirms to ICMSF std and is fit for human consumption w.r.t. Above tested Parameters.

Checked by 

Authorized Signatory 

Terms & Conditions
1. Test reports are valid only for the samples tested in our laboratory. 2. Samples will be destroyed as per quality policy.
3. Any complaints about the report should be communicated in writing within 7 days.
4. Total liability of our laboratory is limited to invoiced amount.

Archana
Registrar
King George Medical University
Lucknow

**FSSAI Certificate Validity
(2021-2025)**

**Food Testing is done at
regular intervals**

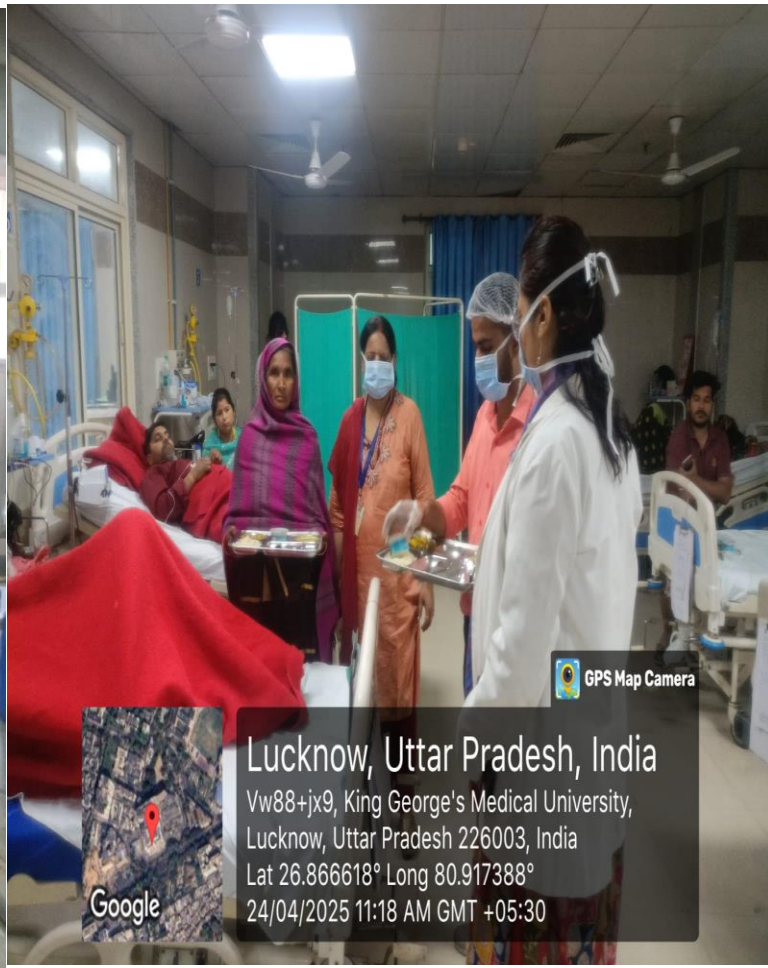


Patient Food Preparation by Solar Steam

Month	January, 2023	February, 2023	March, 2023	April, 2023	May, 2023	June, 2023	July, 2023	August, 2023	September, 2023	October, 2023	November, 2023	December, 2023
Per KG/Day	5.38	20.5	17.03	21.6	15.54	7.8	1.7	4	4.93	12.22	3.53	3.12
Month	January, 2024	February, 2024	March, 2024	April, 2024	May, 2024	June, 2024	July, 2024	August, 2024	September, 2024	October, 2024	November, 2024	December, 2024
Per KG/Day	0.24	8.58	13.03	14.96	11.93	11.43	2.64	2.19	5.96	7.96	2.66	7

Monthly average generation of Solar Steam from January 2023 to December 2024

Aradhana
Registrar
King George Medical University
Lucknow

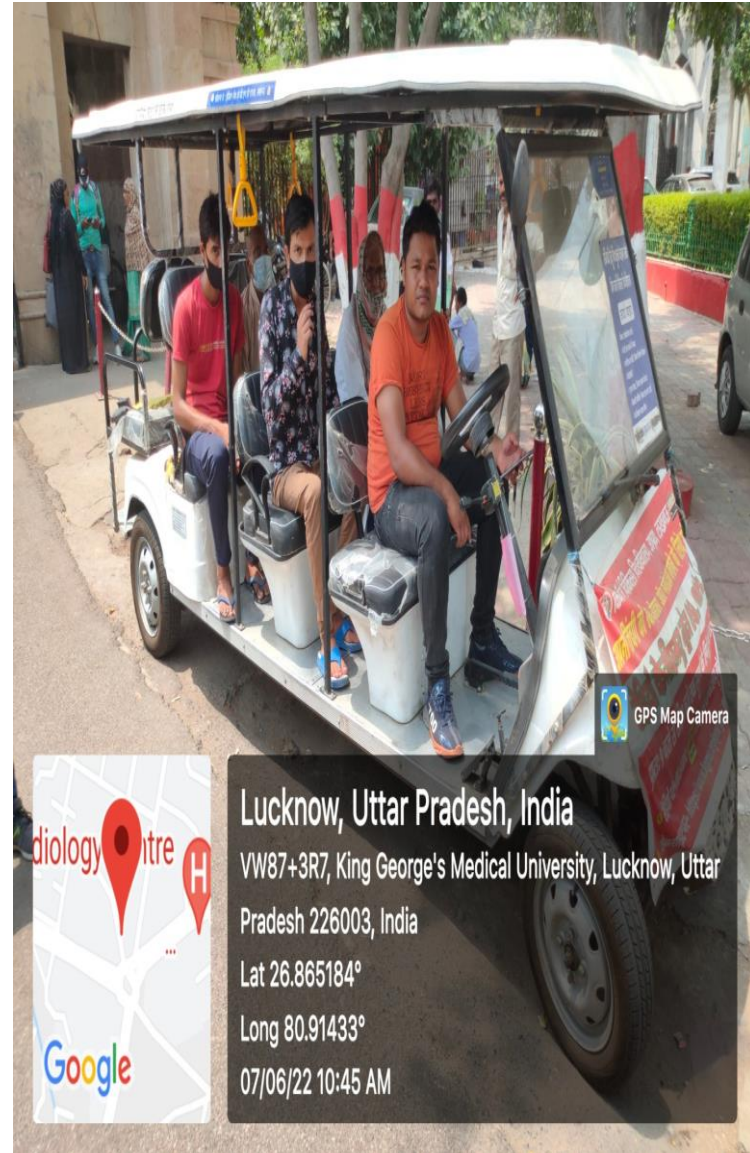


Diet Preparation done under the supervision of dietician posted in patient kitchen

Diet Distribution being supervised by the dietician

Archan
Registrar
King George Medical University
Lucknow

D. Promoting Greenery and Reducing C foot Print



Herbal Garden located in front
of Anatomy Block

Golf Cart being utilized for
within Campus Commuting

Archana
Registrar
King George Medical University
Lucknow



Cloth Bag distributed regularly on different occasions to minimize plastic usage

Prize Distribution

Anchana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

E. Renewable Energy and Energy Efficiency

किंग जार्ज चिकित्सा विश्वविद्यालय उ०प्र०, लखनऊ-226003
(विद्युत/यांत्रिक) विभाग,
गौधी स्मारक एवं सम्बद्ध चिकित्सालय,
उ०प्र०, लखनऊ।

पत्र सं०... 5.8.20... 50/20/एम०/24 दिनांक-1.8.2024

सेवा में,
श्री संजिवी सराव,
विश्वविद्यालय पर्यावरण विभाग,
किंग जार्ज चिकित्सा विश्वविद्यालय,
उ०प्र०, लखनऊ।

महोदय,

कृपया अपने कार्यालय पत्रांक UED/332/24 दिनांक 18.06.2024 का संदर्भ ग्रहण करने का कष्ट करें जिसके माध्यम से अस्पताल विद्युत संख्या-1 से 6 तक में अंतिम सुचना निम्न है:-

- चिकित्सा विश्वविद्यालय में स्थापित समस्त एअर/स्प्लिट टाइप पेन्ट फ्रिजरीयल हे इन पेन्टों फ्रिजरीयल रखकर पावर फेक्टर इकाई अथवा इसके समीप रखा जाता है जिससे विद्युत पावर कम रखकर ऊर्जा का सुविधा उपयोग में लाया जा सके।
- कैठनी/एम०प्र० विद्युत विभाग में कुल 2370 कि०वाट के सोलर पेन्ट स्थापित है। जिसमें 1000 कि०वाट क्षमता के सोलर पेन्ट वारंट अर्थात् के अन्तर्गत अनुदान हेतु अनुमति है। शेष 1370 कि०वाट क्षमता हेतु सी०एम०एम०एम० अनुदान निविदा प्रक्रिया अनुमोदनार्थ प्रेषित है।
- ऑटोमैटिक सेन्सर/मोडन सेन्सर की स्थापना हेतु औपचारिक प्रस्ताव विचारणीय है।
- सोलर पेन्ट क्षमता वृद्धि की गयी है। 1000 कि०वाट के अतिरिक्त पेन्ट की स्थापना रेस्कू मॉडल के आधार पर की गयी है।
- यह विद्युत-5 विद्युत/यांत्रिक विभाग से सम्बन्धित नहीं है।
- यह विद्युत-6 विद्युत/यांत्रिक विभाग से सम्बन्धित नहीं है।

सधन्यवाद।

अभिषेक ओषधिया (विद्युत/यांत्रिक),
किंग जार्ज चिकित्सा विश्वविद्यालय,
लखनऊ।

संख्या... 50/20/एम०/24 दिनांक...
प्रतिनिधि निम्नलिखित को सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित।

- कुलसचिव, कैठनी/एम०प्र० उ०प्र०, लखनऊ।
- चिकित्सा अधीक्षक, कैठनी/एम०प्र० उ०प्र०, लखनऊ।
- मा० कुलपति जी के राखरक निजी सचिव को मा० कुलपति जी के अवलोकनार्थ प्रेषित।

अभिषेक ओषधिया (विद्युत/यांत्रिक),

क्रमांक	विवरण	कटिंग	क्रमांक
6	Supply And Filing Of Split Type Air Conditioner 2 Ton 5 Star Rated	09-Aug-2023	08-Sep-2023
8	Supply And Filing Of Outdoor Stand For 1.5 Ton Split AC	09-Aug-2023	08-Sep-2023
10	S/F OF SP MCB 6-32A	09-Aug-2023	08-Sep-2023
1	S/F OF 63 Amp DP MCB	09-Aug-2023	08-Sep-2023
1	S/F OF 12 Way SPN DB	09-Aug-2023	08-Sep-2023
2	Supply And Installation Of Split Type Air Conditioner 1.5 Ton 5 Star Rated	09-Aug-2023	08-Sep-2023
8	Supply And Filing Of 5 KVA Automatic Voltage Stabilizer 150-270V	09-Aug-2023	08-Sep-2023
125	Supply And Filing Of Extra Copper Pipe With Tubular Insulation Complete In All Respect	09-Aug-2023	08-Sep-2023
135	Supply And Lying Of Flexible Copper Wire Lead 80/20	09-Aug-2023	08-Sep-2023
17	Supply And Lying Of PVC Threaded Drain Pipe	09-Aug-2023	08-Sep-2023

Designation: Mr. Email ID: buycon116.medup.up@gmail.com
Contact Person: 0522-2258880
GSTIN: 0522225880
Address: King George Medical University, Shahmina Road, Chowk, Lucknow, UTTAR PRADESH-226003, India

Product Specification for Supply And Installation Of Split Type Air Conditioner 1.5 Ton 5 Star Rated

Specification/विवरण	Sub-Spec/उप-विवरण	Value/मूल्य
Custom Specification	Custom Specification	Yes

Seller Specification Document/विक्रय विवरण दस्तावेज:

1. Specification Document: mhp.gem.gov.in/catalog_data/catalog_support_documents/5818450/CatalogAttnrSpecificationDocumen/2023/6/21/2023_06_21_23_47_33_buy_voltar_1_5_ton_5_star_ac_specification_2023-06-21-23-47-33_054222644.pdf

Buyer Specification Document/खरीद विवरण दस्तावेज:

1. Specification Document: mhp.gem.gov.in/catalog_data/catalog_support_documents/buyer_documents/3905442/5478703/CatalogAttnrSpecificationDocument/2023/6/21/2023_06_21_23_47_33_buy_voltar_1_5_ton_5_star_ac_specification_2023-06-21-23-47-33_054222644.pdf

Product Specification for Supply And Filing Of Split Type Air Conditioner 2 Ton 5 Star Rated

Specification/विवरण	Sub-Spec/उप-विवरण	Value/मूल्य
Custom Specification	Custom Specification	Yes

Seller Specification Document/विक्रय विवरण दस्तावेज:

1. Specification Document: mhp.gem.gov.in/catalog_data/catalog_support_documents/5818450/CatalogAttnrSpecificationDocumen/2023/6/21/2023_06_21_23_47_33_buy_voltar_1_5_ton_5_star_ac_specification_2023-06-21-23-47-33_054222644.pdf

Buyer Specification Document/खरीद विवरण दस्तावेज:

1. Specification Document: mhp.gem.gov.in/catalog_data/catalog_support_documents/buyer_documents/3905442/5478703/CatalogAttnrSpecificationDocument/2023/6/21/2023_06_21_23_47_33_buy_voltar_1_5_ton_5_star_ac_specification_2023-06-21-23-47-33_054222644.pdf

Product Specification for Supply And Filing Of 5 KVA Automatic Voltage Stabilizer 150-270V

Specification/विवरण	Sub-Spec/उप-विवरण	Value/मूल्य
Custom Specification	Custom Specification	Yes

Solar PV Panels installed at KGMU, having capacity of 2370KW

Order issued for purchase of 5 Star Rating Equipment



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

Registered/Speed Post

No. 173 / UPNEDA/Solar Steam Cooking-prop.-KGMU-105/15-16
U.P. New & Renewable Energy Development Agency,
Vibhuti Khand, Gomti nagar, Lucknow,
Dated: 29 June, 2016

To: M/s Taylormade Solar Solutions Pvt. Ltd.,
765-Simpah II, Opp. Rajpath Club,
S.G. Road, Bodaladev,
Ahmedabad -380015, Gujarat

Ref: UPNEDA LOI No.1289/ UPNEDA/Solar Steam Cooking-prop.-KGMU-105/15-16, Dated 9th June 2016 and Agreement No.01 /UPNEDA/SSCS/ 2015 &16(2) dated 20th June 2016

Sub: Work order for procurement design Supply, Installation and Commissioning, testing of Solar Steam Cooking System with 05 years comprehensive warranty suitable for cooking meal of 3000 persons at King George's Medical University, Uttar Pradesh, Lucknow.

Sir,

With reference to the above mentioned LOI & agreement, I am directed to issue work order for procurement design Supply, Installation and Commissioning, testing of Solar Steam Cooking System with 05 years comprehensive warranty suitable for cooking meal of 3000 persons at King George's Medical University, Uttar Pradesh Lucknow as under:

Sl.	Items	Cost in Rs.
1	Design, Supply, Installation, Commissioning and testing of complete Solar Steam Cooking System with required dish reflector area suitable for cooking meal of 3000 persons per session including supply of suitable size/capacity of utensils, all related civil & mechanical work at site as per technical specifications, terms and conditions mentioned in the tender inclusive of all taxes and duties, trade tax/vat, storage, transportation up to site, insurance etc. & any other job required to properly execute the complete work with five years comprehensive warranty including mirror and maintenance.	Rs. 99,50,000.00
Total amount (cost) in Words		Rs. Ninety Nine Lakhs Fifty Thousand only

Speed Post 8598
NO. /UPNEDA/APFC-TENDER/2015-16
Uttar Pradesh New and Renewable Energy Development Agency,
Vibhuti Khand, Gomti Nagar, Lucknow
Dated: 29/6/2016

To: M/s Asian Switchgear Pvt. Ltd.,
B-17, Roona Industrial Estate,
Roona, Kanpur-209402

Ref: UPNEDA LOI no.997/UPNEDA/APFC_TENDER/1/2015-16 dated 30/5/2016 and Agreement No. 08 UPNEDA/SDA/APFC/2016 dated 13-7-2016.

Sub: Design, Supply, Installation, testing, commissioning with 05 years comprehensive warranty and maintenance of Automatic Power Factor Corrector panels Govt. Buildings situated in Lucknow, Kanpur, Unnao.

Sir,

With reference to the above mentioned LOI & Agreement, I am directed to issue work order for Design, Supply, Installation, testing, commissioning with 05 years comprehensive warranty and maintenance of Automatic Power Factor Corrector panels Govt. Buildings situated in Lucknow, Kanpur and Unnao.

System	Total Order Quantity (kVAR)	Total value (in Rs.)	Site detail & rate detail List
Design, Supply, Installation, testing, commissioning with 05 years comprehensive warranty and maintenance of Automatic Power Factor Corrector panels in Govt. Buildings situated in Lucknow, Unnao, Kanpur of Uttar Pradesh as per technical specification, terms and conditions mentioned in the tender inclusive of all taxes & duties, trade tax/vat, storage, transportation upto to site, insurance etc. and any other job required to properly execute the complete work.	27200 As per List Enclosed	3,36,98,000/-	List enclos

You are required to provide maintenance of the above ordered systems under Five years comprehensive maintenance in compliance to the aforesaid agreement.

After pre dispatch inspection (PDI) a complete system (As a referral system) with UID number etc. marked by the pre-dispatch inspector of UPNEDA, is to be supplied within 04 (four) months in the concerned Project Office, UPNEDA.

Please confirm your acceptance of this work order immediately. Also intimate time scheduled within 10 (ten) days regarding pre-dispatch inspection, district wise supply schedule by fax/E-Mail, from the date of work order.

In case of any bottleneck at any stage, please intimate in writing immediately to UPNEDA. The payments shall be made as per terms & conditions, mentioned in the above referred agreement.

Encl: As above.

Yours sincerely,
(Sumit Kumar Chaudhary)
Secretary & Chief Project Officer, UPNEDA

Letter for purchase & installation of 30 Solar Parabola for cooking

Letter indicating installation of Automatic Power Factor Connector (APFC)

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

NO. 7814 /NEDA-SE-Solar off grid-Rooftop Plant/2013-14
Uttar Pradesh New and Renewable Energy Development Agency,
Vibhuti Khond, Gomti Nagar, Lucknow
Dated: 21 February, 2016

To,
M/S Jaiswal Battery Service,
11 Church Building,
Hazratganj,
Lucknow - 226001

Sub: Supply, Installation and Commissioning including 05 years operation, comprehensive Warrantee & maintenance of Grid Connected Rooftop Solar Photovoltaic Power Plants at King George Medical College Lucknow (U.P.)

Sir,
In reference to agreement No. 01/UPNEDA/Grid Connect/Rooftop/2015 dated 01/09/2015 the detailed work order is hereby issued for Supply, Installation and commissioning of Grid Connected Rooftop Solar Power Plants as below:

Detail of work	Qty.	Capacity (KW)	Unit Rate per Watt (Rs.)	Total (Rs.)	Sites
Supply, Installation, Testing and Commissioning including 05 years Operation, Comprehensive Warranty and Maintenance of Grid Connected Rooftop Solar Photovoltaic Power Plants FOR at site	01	400KW	65.75	2,63,00,000.00	King George Medical College, Lucknow (U.P.)
Total				2,63,00,000.00	

(Rs Two crore sixty three lacs only)

These solar power plants are to be supplied, installed and commissioned as per the terms and conditions of the above referred agreement at above mentioned site.
You are required to complete the supply, installation and commissioning and handing over of ordered system within 06(six) months from the date of placement of work order.
Payments against the work order shall be made as per terms & conditions mentioned in the above referred agreement.

Yours faithfully,
(Sunil Kumar Chaudhary)
Secretary & Chief Project Officer, UPNEDA

6240
Copy for information & necessary action to the following:-
1. Dr Kirti Srivastav, Incharge Environment Cell, King George Medical College, Lucknow.
2. Project Officer, UPNEDA, Lucknow
3. Computer Incharge for issue UID No

(Sunil Kumar Chaudhary)
Secretary & Chief Project Officer, UPNEDA

Scanned by CamScanner

सेवा में,

मेसर्स धनश्री इलेक्ट्रॉनिक्स लिओ
सॉलरलेक इलेक्ट्रॉनिक्स कांप्लेक्स,
ब्लाक ईपी एण्ड जीपी, प्लॉट नम्बर-11-16,
सेक्टर-5, कोलकाता-700091

विषय:- प्रदेश के शासकीय भवनों में विद्युत की बचत किये जाने के लिए उर्जा संरक्षण उपायों को लागू किये जाने हेतु चिन्हित शासकीय भवनों में स्थापित इनडोर लाइटों को उर्जा दक्ष एलईडी इनडोर लाइटों से बदले जाने हेतु कार्यदेश।

महोदय,

अभिकरण के साथ निम्नांकित अनुबन्ध संख्या-01/यूपीनेडा-इनडोर एलईडी लाइट/2017 दिनांक 06-11-2017 के क्रम में आपको चिन्हित शासकीय भवनों (सूची संलग्न) में स्थापित इनडोर लाइटों को उर्जा दक्ष एलईडी इनडोर लाइटों से बदले जाने हेतु निम्नानुव विवरण के अनुसार कार्यदेश निर्गत किया जाता है।

क्र. सं.	अवयव का नाम	संख्या	दर प्रति	कुल कीमत	साइट का विवरण
1	18W LED Tube Light (complete fitting)	5991	398.38	23,86,695/-	सूची संलग्न
2	36W LED Fitting (48" X 12")	3000	2730.56	81,91,680/-	
3	18W LED Tube Light (retrofit batten only)	200	389.76	77,952/-	
4	36W LED Fitting (24" X 24")	4006	2237.76	89,64,466	

- यूपीनेडा के मध्य निम्नांकित उपरोक्त अनुबन्ध के मानकों, नियम एवं शर्तों के अनुरूप कार्य पूर्ण करना होगा।
- सभी सर्वेजों की स्थापना का कार्य तत्काल प्रारम्भ करते हुए चार माह में पूर्ण करना होगा।
- प्रतिस्थापित की जाने वाले इनडोर एलईडी लाइटों का प्री-डिस्पेच निरीक्षण (पीडीआई) दिनांक 15-12-2017 तक पूर्ण करना होगा।
- शासकीय भवन में स्थापित पुरानी लाइटों के स्थान पर प्रतिस्थापित समस्त उर्जा दक्ष एलईडी लाइटों की समुक्त कम्प्लेक्स एण्ड हेल्डओवर रिपोर्ट, फोटोग्राफ एवं यूआईडी विवरण सहित संबंधित शासकीय भवन के निर्यन्त्र विभाग एवं वरिष्ठ परियोजना अधिकारी-2 लखनऊ द्वारा स्थापित प्रति की स्कैन कॉपी RESIMS (Renewable Energy Solar Installation and Monitoring Software) पर अपलोड करते हुए उसकी प्रति अभिकरण मुख्यालय को उपलब्ध करानी होगी।
- शासकीय भवन में स्थापित पुरानी इनडोर लाइटों की इनवेन्ट्री तैयार करते हुए उक्त लाइटों को संबंधित शासकीय भवनों के निर्यन्त्र विभाग को हस्तांतरित करते हुए उसका प्रमाण पत्र पूर्ण विवरण सहित यूपीनेडा मुख्यालय को उपलब्ध कराया जाना होगा।
- कार्य का सत्यापन एवं स्टॉक इन्ट्री परियोजना कार्यालय लखनऊ से कराते हुए पुष्टान हेतु बिल दो प्रतियों में मुख्यालय प्रस्तुत करना होगा।

संलग्नक-यथोक्त।

भवदीय,

(अशोक कुमार)

सचिव एवं मुख्य परियोजना अधिकारी, यूपीनेडा

Installation of 470KW PV Panel through UPNEDA

LED Light (Indoor & Outdoor) Sanctioned from UPNEDA

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

संख्या- 1099 / प्रौद्योगिकी-प्रौद्योगिकी-एलईडी लघुनिर्माण/2015-16
उ.प्र. नवीन एवं नवीकरणीय ऊर्जा विकास अधिकरण,
विभूति बाग, गौरी नगर, लखनऊ।
दिनांक: 03 मई, 2016

सेवा में,
प्रमुख, लखनऊ विकास प्राधिकरण,
लखनऊ।

महोदय,
अवगत कराना है कि लखनऊ उपमहानगर क्षेत्र में एलईडी स्ट्रीट लाइटिंग प्रोजेक्ट (एलईडी) द्वारा वर्ष 2010-11 में आपके भवन का इलुमिनेशन का कार्य कराना गया था। इसी अंतर्गत रिपोर्ट में सुझाये गये ऊर्जा संरक्षण उपायों के क्रम में संलग्न सूची के अनुसार आपके भवन में स्थापित आउटडोर लाइटों के 250 वाट के हेलेोजन/सोडियम वेयर/हाई प्रेशर सोडियम वेयर/मरकरी वेयर/मेटल हैलाइड लघुनिर्माण को 120वाट के ऊर्जा दक्ष एलईडी लघुनिर्माण से बदला जाये। उक्त कार्य हेतु मेरसों में एम.जीन लाइटिंग, प्रोडिओ, एम. हाउस, वाट नम्बर-35, सेक्टर-44, मुद्रांगन को अर्पित किया गया है।

कृपया उपरोक्तानुसार अवगत होते हुए आवश्यक कार्रवाई करने का कष्ट करें।

संलग्नक-सूचीधरे।

भवदीय,
(प्रमुख कुमार चौधरी)
संयोजक एवं मुख्य परियोजना अधिकारी, प्रौद्योगिकी।

प्रतिनिधि:-
1. मेरसों में एम.जीन लाइटिंग प्रोडिओ, एम. हाउस, वाट नम्बर-35, सेक्टर-44, मुद्रांगन-122002 को सुपरवाइज एवं आवश्यक कार्रवाई हेतु प्रेषित।
2. परियोजना अधिकारी, प्रौद्योगिकी लखनऊ को सुपरवाइज एवं आवश्यक कार्रवाई हेतु।

(प्रमुख कुमार चौधरी)
संयोजक एवं मुख्य परियोजना अधिकारी, प्रौद्योगिकी।

ब-
List of Govt. building for retrofitting of street lights

S.No.	Name of Building	Nos. of Energy Efficient Street Light to be retrofitted
1	Lucknow Development Authority, Lucknow	8
2	VVIP Guest House, MG Marg, Lucknow	63
3	VIP Guest House, Dalibagh, Lucknow	11
4	Indian Telephone Industries, Lucknow	4
5	Commissioner Trade Tax, Gomti Nagar, Lucknow	10
6	UP Awas Evam Vikas Parishad, Lucknow	20
7	KGMU Lucknow	200
8	Yojna Bhawan, Lucknow	19
	योग	335

Monthly Average Details of Solar Steam From January, 2023 to December, 2024

Month	Per KG/Day
January, 2023	5.38
February, 2023	20.5
March, 2023	17.03
April, 2023	21.6
May, 2023	15.54
June, 2023	7.8
July, 2023	1.7
August, 2023	4
September, 2023	4.93
October, 2023	12.22
November, 2023	3.53
December, 2023	3.12
January, 2024	0.24
February, 2024	8.58
March, 2024	13.03
April, 2024	14.96
May, 2024	11.93
June, 2024	11.43
July, 2024	2.64
August, 2024	2.19
September, 2024	5.96
October, 2024	7.96
November, 2024	2.66
December, 2024	7

LED lights sanctioned by UPNEDA

Solar Steam Generation Details

Archana
Registrar
King George Medical University
Lucknow

F.

Water Conservation

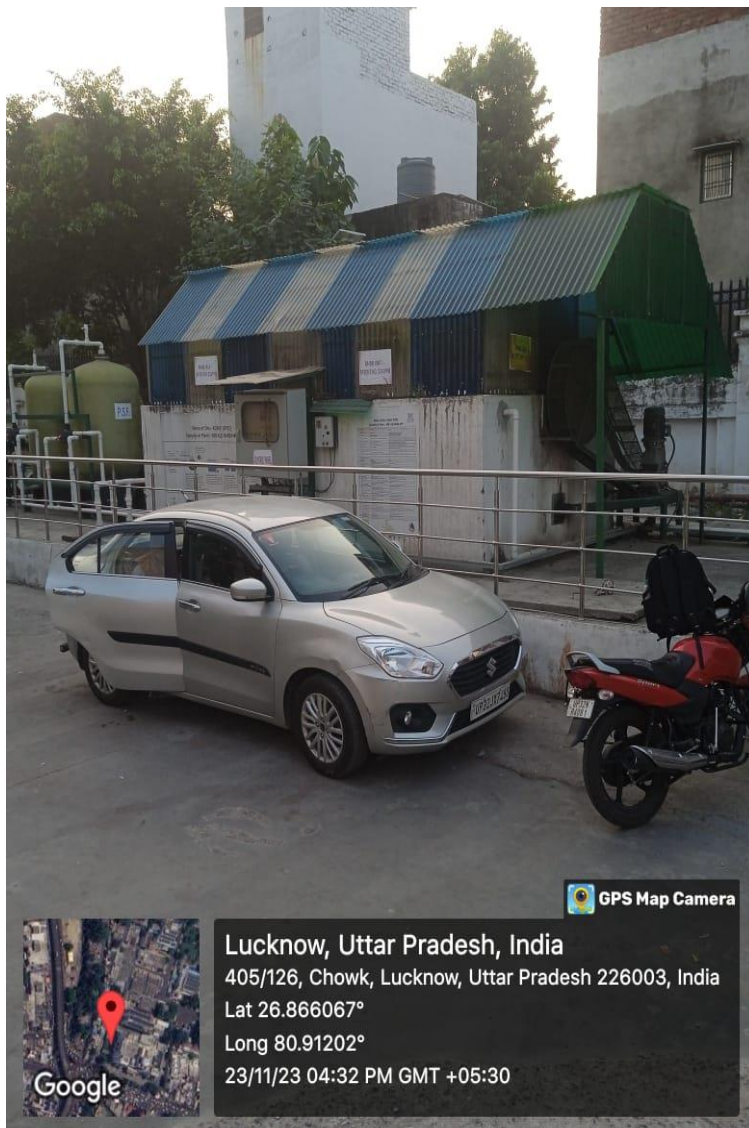


Facility of Rain water Harvesting in KGMU.

Sl.no.	Location	Rain Water Harvesting
1.	New OPD.	02nos.
2.	New Dental Building	01nos
3.	Pediatric Surgery Department	01nos
4.	Kalam center (Teaching block)	02nos.
5.	U.G. Girls Hostel	01nos
6.	P.G. Girls Hostel	01nos
7.	Trauma center	02nos
8.	Shatabdi Hospital Phase-I	01nos
9.	Shatabdi Hospital Phase-II	01nos
10.	Gautam Buddha Hostel	02 nos.
11.	Bio-chemistry Department	01nos
12.	Forensic Medicine and Toxicology Department	01nos
13.	Central Library	01nos
14.	Center for Excellence for Nursing & Midwifery Training	01nos
15.	CTVS. Department	01nos
16.	Faculty Residence type -5 Jagat Narayan road (A block)	01nos
17.	Faculty Residence type -5 Jagat Narayan road (B block)	01nos
18.	Multistory Teachers flats T.G. campus	01nos
19.	Multistory Boys Hostel T.G. campus	01nos
20.	Transit Nurses Hostel T.G. campus	04nos.
21.	ETHSC. Banthra	02nos.
22.	Staff quarters type-1 Community Medicine and Public Health Department Mati center	04nos
23.	Teachers and staff residence in Amrapali yojna Hardoi road	03nos.
24.	Spine centre	03nos.
25.	Transit Nurses Hostel in IDH. Campus	03nos.
	Total	42Nos.

Rain Water Harvesting Details

Archana
Registrar
King George Medical University
Lucknow



ETP/STP installed near new OPD building, behind laundry & one at spine center.

Archana
Registrar
King George Medical University
Lucknow

किंग जॉर्ज चिकित्सा विश्वविद्यालय उ०प्र०, लखनऊ- 226003
निर्माण विभाग (सिविल सेक्शन),
 फोन (मुख्यस्थान कार्यालय) : 0522-2253171 ई-मेल : eng.civil@kgmcindia.edu

पत्रांक: 62/23/10 दिनांक: 17/04/25

सेवा में,

कुलसचिव,
 किंग जॉर्ज चिकित्सा विश्वविद्यालय उ०प्र०,
 लखनऊ।

विषय: किंग जॉर्ज चिकित्सा विश्वविद्यालय उ०प्र०, लखनऊ में प्रसूति एवं स्त्री रोग विभाग एवं एल०आर०एच० के सीवर संशोधन हेतु ई०टी०पी०/एस०टी०पी० की स्थापना कराये जाने के सम्बन्ध में।

महोदय,

कृपया उपर्युक्त विषयक कार्यालय पत्रांक 11604/योजना अनु०/2025 दिनांक 21.03.2025 का संदर्भ ग्रहण करने का कष्ट करें, जिसके द्वारा परियोजना प्रबन्धक, यूनिट-29, कन्सल्टेशन एण्ड डिजाइन सर्विसेज, उ०प्र० जल निगम, 1/51, विश्वास खण्ड, गोमती नगर, लखनऊ के कार्यालय पत्र संख्या 435/नया कार्य/23 दिनांक 11.03.2025 के क्रम में किंग जॉर्ज चिकित्सा विश्वविद्यालय उ०प्र०, लखनऊ में प्रसूति एवं स्त्री रोग विभाग एवं एल०आर०एच० के सीवर संशोधन के सम्बन्ध में आख्या उपलब्ध कराये जाने की अपेक्षा की गयी है।

उपरोक्त के सम्बन्ध में अवगत कराना है कि कार्यवाही संस्था- कन्सल्टेशन एण्ड डिजाइन सर्विसेज, उ०प्र०, जल निगम (नगरीय), इकाई-29 द्वारा प्रस्तुत किंग जॉर्ज चिकित्सा विश्वविद्यालय उ०प्र०, लखनऊ में प्रसूति एवं स्त्री रोग विभाग एवं एल०आर०एच० द्वारा उत्सर्जित सीवर के शोधन के दृष्टिगत उपयुक्त प्रतीत होता है। उक्त आगमन विभागाध्यक्ष, विश्वविद्यालय पर्यावरण विभाग से प्रतिहस्ताक्षरित कराया गया है। अतः संदर्भित प्रावोजना का आगमन कार्योद्देश्य एवं वित्तीय स्वीकृति हेतु शासन को संदर्भित किया जा सकता है। सूचना एवं आवश्यक कार्यवाही हेतु प्रेषित।

संलग्नक: आगमन मूल रूप में।

भवदीय,
 (दिनेश कुमार राज)
 अधीक्षण अभियन्ता

क्रमांक: 62/23/10 दिनांक: 17/04/25

प्रतिनिधि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:
 1. विभागाध्यक्ष, विश्वविद्यालय पर्यावरण विभाग, के०जी०एम०यू० उ०प्र०, लखनऊ।

(दिनेश कुमार राज)
 अधीक्षण अभियन्ता



Survey for new ETP/STP to be installed at QMH building has been completed & sent for sanction

Waste Water from ETP/STP in being treated utilized for watering plants & washing Vehicle

Aruchana
 Registrar
 King George Medical University
 Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

Teaching and Training

King George's Medical University
Uttar Pradesh, Lucknow - 226003, India

Prof. Ravi Kant,
FRCS (Engl) FRCS (Edin) FRCS (Glasg) FRCS (Irel)
FAMS MS DNB FACS FICS FAIS
Vice-Chancellor

#VC/KGMU/2015/1144-Dated: December, 2 2015

सेवा में,
मिशन निदेशक,
राष्ट्रीय स्वास्थ्य मिशन,
उत्तर प्रदेश,
लखनऊ।

विषय:- कार्यालय-अवार्ड स्कीम के अन्तर्गत एक्सटर्नल अससेसर्स प्रशिक्षण हेतु दो प्रतिनिधियों के नामांकन के सम्बन्ध में।

महोदय,

कृपया उपरोक्त विषयक अपने पत्रांक सं-एसओपीओएमओ/एनओएचएमओ/कार्यालय/2015-16/81523, दिनांक: 27.11.2015 का सन्दर्भ लेने का कष्ट कर जिसके माध्यम से कार्यालय योजना के अन्तर्गत जनपद स्तरीय चिकित्सालयों के इन्टर्नल असेसमेंट हेतु अससेसर्स का फैनल तैयार किये जाने हेतु दिनांक 08 दिसम्बर-2015 को राज्य प्रबन्धन इकाई, 19ए, विधान सभा मार्ग, लखनऊ में आयोजित एक दिवसीय एक्सटर्नल अससेसर्स प्रशिक्षण कार्यक्रम में चिकित्सा विश्वविद्यालय के बॉयोमैडिकल वेस्ट निस्तराण क्षेत्र में निम्न दो अधिकारियों को नामांकित किये जाने का अनुरोध किया गया है।

उक्त के सन्दर्भ में किंग जार्ज चिकित्सा विश्वविद्यालय के निम्नलिखित अधिकारियों को उक्त प्रशिक्षण कार्यक्रम में प्रतिभाग करने हेतु नामित किया जाता है:-

1-	प्रो० कीर्ति श्रीवास्तव	पर्यावरण विभाग
2-	प्रो० मो० परचेज खान	पर्यावरण विभाग

सादर सहित
Ravi Kant
(प्रो० रवि कान्त)
कुलपति

प्रतिलिपि निम्नलिखित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित:-
1-सम्बन्धित अधिकारियों को।
2-कुलसचिव, किंग जार्ज चिकित्सा विश्वविद्यालय, 30प्रो, लखनऊ।
3-वित्त अधिकारी, किंग जार्ज चिकित्सा विश्वविद्यालय, लखनऊ।

W: +91-522-2257540, M: +91-9651020000, +91-9868218536, Fax: +91-522-2257539
E-mail: vc@kgmcindia.edu, ravibina@gmail.com, Web: http://www.kgmcindia.edu
Co-ordinates 26° 52' 9" N 80° 54' 59" E

प्रेषक,
मिशन निदेशक,
राष्ट्रीय स्वास्थ्य मिशन,
उत्तर प्रदेश, लखनऊ।

सेवा में,

1. समस्त मण्डलीय अपर निदेशक, चिकित्सा स्वास्थ्य एवं परिवार कल्याण, उत्तर प्रदेश।
2. समस्त मुख्य चिकित्सा अधिकारी, उत्तर प्रदेश।

पत्रांक-SPMU/NHM/QA/CHC Assessment/2024625/2/ 4431-2 दिनांक-08.10.2024

विषय:-कार्यालय अवार्ड योजना के अन्तर्गत वर्ष 2024-25 में सामुदायिक स्वास्थ्य केन्द्रों का पियर असेसमेंट कराये जाने के संबंध में।

महोदय/महोदया,

अवगत कराना है कि 'कार्यालय-अवार्ड योजना वर्ष 2024-25 के अन्तर्गत इन्टर्नल असेसमेंट में 70 प्रतिशत से अधिक स्कोर प्राप्त सामुदायिक स्वास्थ्य केन्द्रों का पियर असेसमेंट 15th Oct, 2024 तक किया जाना है। असेसमेंट हेतु द्यूटी का निर्धारण क्वालिटी एश्योरेंस अनुभाग, एसपीएमयू, एनएचएम, लखनऊ द्वारा किया गया है। जनपदवार पियर असेसमेंट किये जाने वाले सामुदायिक स्वास्थ्य केन्द्रों की सूची संलग्नक है।

संबन्धित टीम के सदस्यों को असेसमेंट हेतु निर्धारित समय-सीमा के अन्दर समन्वयन करते हुये असेसमेंट सुनिश्चित किया जाना है। पियर असेसमेंट हेतु मानदय तथा मोबिलिटी संबंधी सत्यापित बीजको का भुगतान असेसमेंट की गयी चिकित्सा इकाई के जनपद से वास्तविक बीजको के आधार पर आर.ओ.पी. वित्तीय वर्ष 2024-25 के अन्तर्गत एफ.एम.आर. कोड, 176.2 (Assessment-Kayakalp) में से नियमानुसार किया जायेगा। असेसमेंट के दौरान टीम के सदस्यों को ऑन ड्यूटी माना जायेगा। टीम द्वारा असेसमेंट स्कोर कार्ड, चैकलिस्ट की साफ्ट कॉपी असेसमेंट दिवस से 03 दिवस के भीतर गुणक ऐप तथा ई मेल kayakalpawardup@gmail.com पर प्रेषित किया जाये।

संलग्नक यथोक्त

भवदीया,
Priyanka
(डॉ० पीकी जोषल)
मिशन निदेशक

पत्रांक-SPMU/NHM/QA/CHC Assessment/2024625/2/ तददिनांक:
प्रतिलिपि निम्नलिखित को सादर सूचनार्थ एवं आवश्यक कार्यवाही प्रेषित :-

1. महानिदेशक, चिकित्सा एवं स्वास्थ्य सेवायें, स्वास्थ्य भवन, उत्तर प्रदेश, लखनऊ।
2. समस्त जिलाधिकारी, अध्यक्ष जनपदी क्वालिटी समिति उत्तर प्रदेश।
3. समस्त मण्डलीय अपरनिदेशक, चिकित्सा स्वास्थ्य एवं परिवार कल्याण उत्तर प्रदेश।
4. समस्त जनपदीय, मण्डलीय, कार्यक्रम प्रबंधक एन.एचएम. उत्तर प्रदेश।
5. डिस्ट्रिक्ट कंसल्टेंट तथा समस्त हॉस्पिटल मैनेजर वर्युए.एन.एच.एम., को इस आशय से प्रेषित की टीम के साथ समन्वय स्थापित कर पूर्ण सहयोग प्रदान करें।
6. असेसर्स के नाम से।

(डॉ० एम.एस.अहमद)
प्रभारी महाप्रबंधक-व्यूओएओ

UED faculty involved in Quality Assurance Programs conducted by Government of INDIA (NQAS)



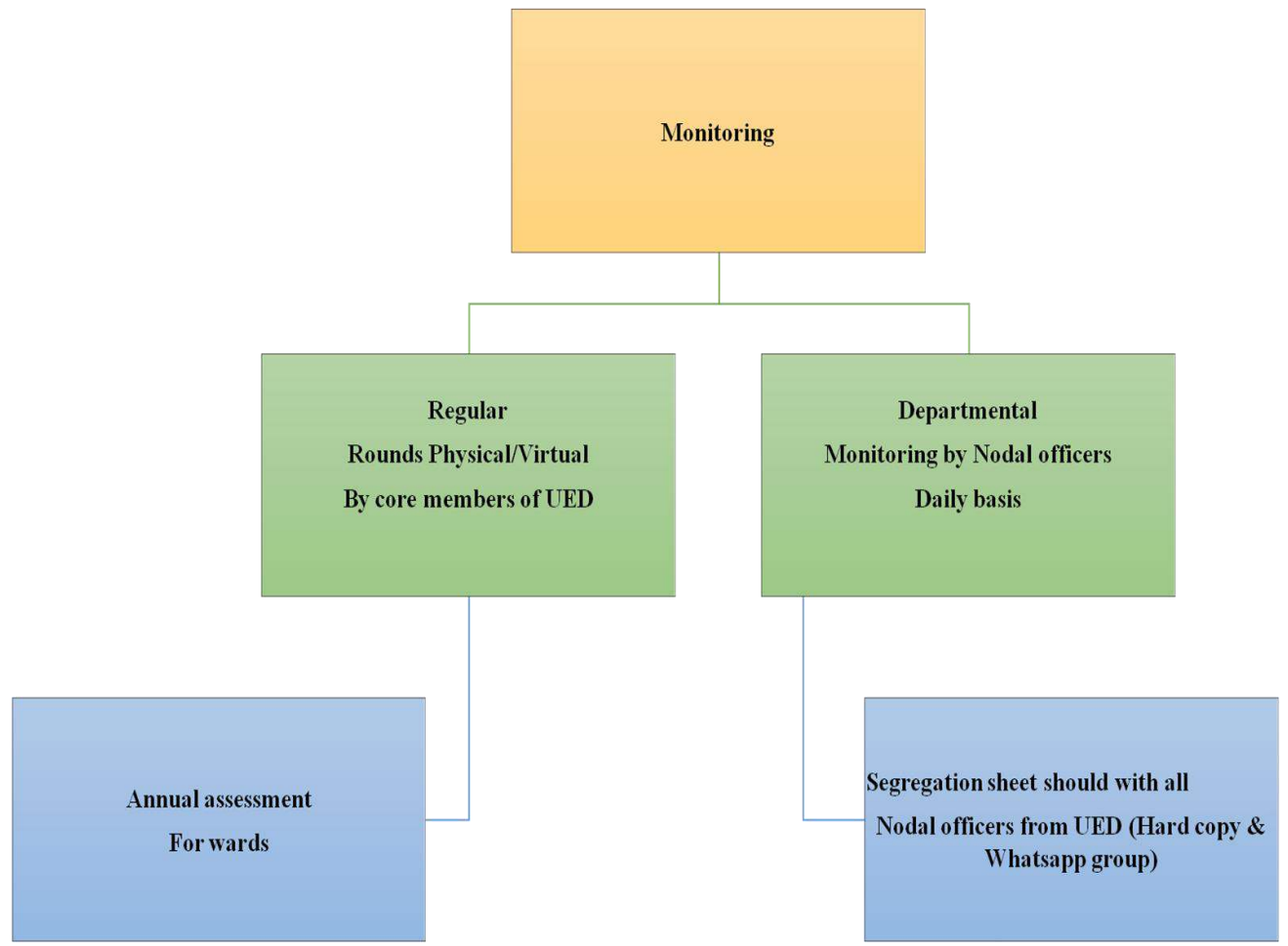
Year	Number of Session	Number of Participants (SR/JR/Paramedical/Student)
2019	51	1791
2020	31	937
2021	50	1718
2022	28	2426
2023	58	2513
2024	118	1472

A unique hands on training method adopted during training sessions

Number of trainings conducted at UED besides the annual refresher training done by individual Nodal Officers in their respective departments

Archana
Registrar
King George Medical University
Lucknow

Monitoring Rounds



Regular Monitoring of BMW Management is done by UED faculty & individual Nodal Officer

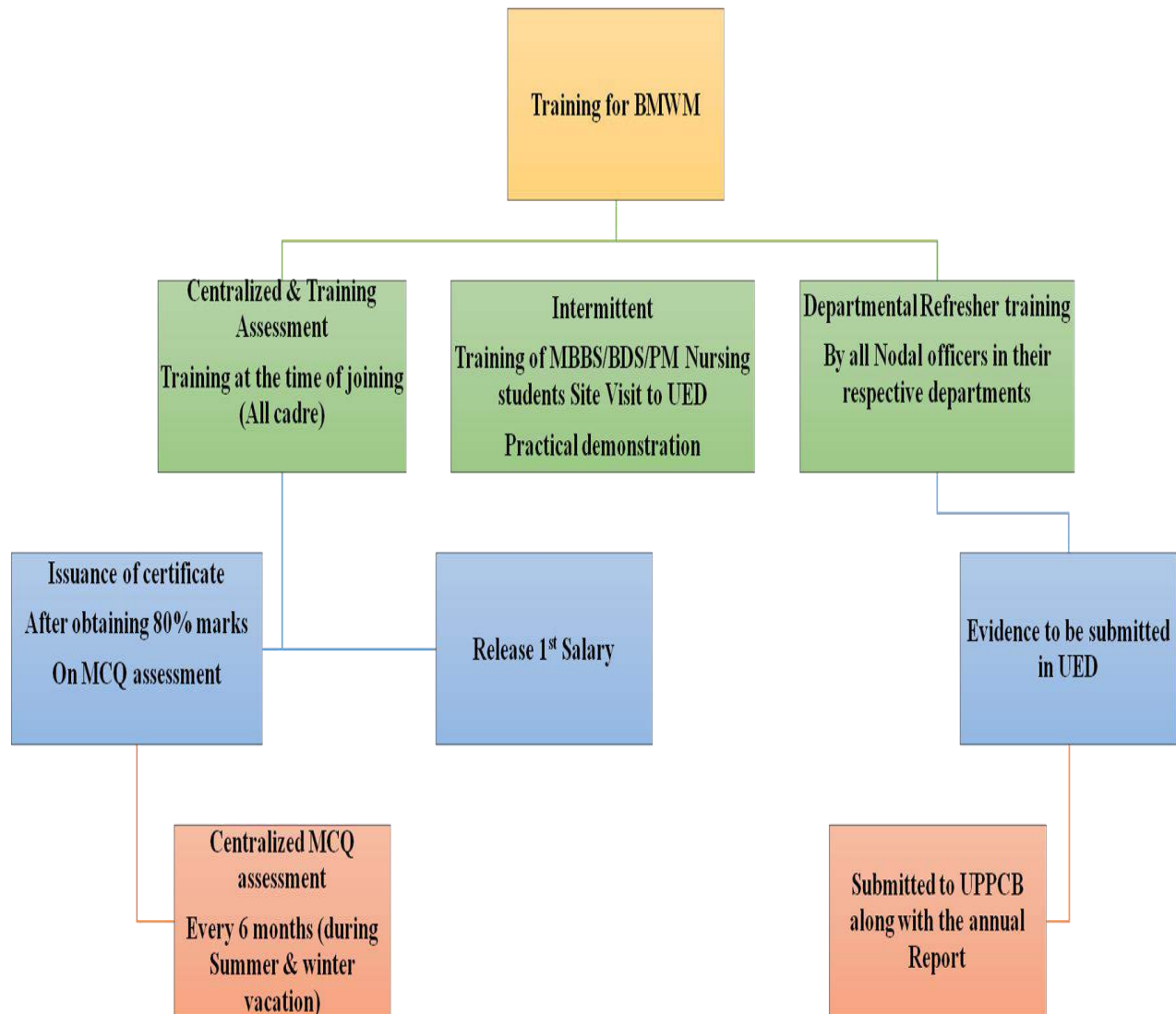
Archana
Registrar
King George Medical University
Lucknow



UED Faculty involved in monitoring rounds

Archana
Registrar
King George Medical University
Lucknow

Flow Chart Showing training strategy



Regular training is done both centralized through UED & departmental by Nodal Officers New joinee has to undergo training & obtain >80% marks on MCQ Assessment for release of their first salary.



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW



BMWM Training & MCQ Assessment Test

Archi
Registrar
King George Medical University
Lucknow

प्रेषक,
मिशन निदेशक,
राष्ट्रीय स्वास्थ्य मिशन,
उत्तर प्रदेश, लखनऊ।

सेवा में,

1. मण्डलीय अपर निदेशक चिकित्सा स्वास्थ्य एवं परिवार कल्याण लखनऊ, बस्ती, अयोध्या, गोरखपुर, कानपुर झांसी एवं बौदा उत्तर प्रदेश।
2. संबंधित मुख्य चिकित्सा अधिकारी, उत्तर प्रदेश।

पत्रांक-एसओपीएमओ/एनओएमओ/क्यू.ए./28/2021-22/48/6-2 दिनांक-5.11.2021
विषय- बायोमैडिकल वेस्ट मैनेजमेंट संबंधी प्रशिक्षण में प्रतिभाग किये जाने के संबंध में।

महोदय/महोदया,

अवगत कराना है कि प्रदेश की चिकित्सा इकाईयों से उत्सर्जित होने वाले बायोमैडिकल वेस्ट का उचित निस्तारण किया जाना अत्यंत महत्वपूर्ण है, चिकित्सालयों से निकलने वाले बायोमैडिकल वेस्ट का मात्र 15 प्रतिशत ही दूषित एवं खतरनाक होता है। नीति आयोग के निर्धारित संकेतकों में क्वालिटी सर्टिफिकेशन एवं कार्याकल्प अवार्ड प्राप्त इकाईयों के प्रतिशत को हेल्थ मानको के रैंकिंग में स्थान दिया गया है।

उक्त लक्ष्य की प्राप्ति हेतु बायोमैडिकल वेस्ट का निस्तारण निर्धारित मानकानुसार किया जाना अनिवार्य है। उक्त के क्रम में एक दिवसीय प्रशिक्षण किंग जार्ज मेडिकल कालेज लखनऊ में आयोजित किया जा रहा है। उपरोक्त प्रशिक्षण में प्रतिभाग करने वाले प्रशिक्षणार्थियों का विवरण निम्नवत् है।

1.	मण्डल स्तर से	क्वालिटी एश्योरेंस नोडल- क्यू.ए. डिबीजनल प्रोग्राम मैनेजर डिबीजनल कंसल्टेंट क्यू.ए./पी.एच.
2.	जनपद स्तर से	अपर मुख्य चिकित्सा अधिकारी नोडल- क्यू.ए. डिस्ट्रिक्ट कम्यूनिटी प्रोसेस मैनेजर डिस्ट्रिक्ट कंसल्टेंट क्यू.ए.
3.	जनपद स्तरीय चिकित्सालयों से	चिकित्सालयों के क्वालिटी एश्योरेंस टीम नोडल हॉस्पिटल क्वालिटी मैनेजर
4.	एक सामुदायिक स्वास्थ्य केन्द्र प्रत्येक जनपद से (चिन्हित सी.एस.सी. जिससे बचिव में मॉडल के रूप में विकसित किया जाना है।)	प्रमारी चिकित्सा अधीक्षक

उक्त प्रशिक्षण में प्रतिभाग करने वाले प्रशिक्षणार्थियों का यात्रा भत्ता एवं दैनिक भत्ता तैनाती मण्डल / जनपद से नियमानुसार वहन किया जायेगा।



KGMU was entrusted with the responsibility to provide training to all quality managers from different district. Total 567 doctors

Archana
Registrar
King George Medical University
Lucknow



KING GEORGE'S MEDICAL UNIVERSITY U.P., LUCKNOW

WHO-1 22 May 2023 - 15 Dec 2023

World Health Organization
COVERING LETTER
LETTRE D'ACCOMPAGNEMENT

GLOBAL PROCUREMENT AND LOGISTICS
Global Service Centre
Block 3510
Jalan Tekongkat 6
63000 Cyberjaya
MALAYSIA

WHO Reference/ Référence OMS
WHO Registration 2023/1349496-1
Purchase Order 203153136-1
Unit Reference EHWCO

+91-9335920571
KING GEORGE MEDICAL UNIVERSITY
LUCKNOW
Shahmina Road
Lucknow
Uttar Pradesh
226003
India

AGREEMENT FOR PERFORMANCE OF WORK (APW)

Re: APW with King George Medical University : Strengthening capacities and demonstrating best practices in bio-medical waste management in different levels of healthcare facilities in a state and creating trainers at all the levels.

We are enclosing the Agreement for Performance of Work between the World Health Organization and KING GEORGE MEDICAL UNIVERSITY, LUCKNOW, in the amount of INR 3,296,656.00 (Three Million Two Hundred Ninety-Six Thousand Six Hundred Fifty-Six), for conducting the above-mentioned work. We also enclosed two attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Manjeet SALUJA, 9415409433, salujam@who.int.

Invoicing Instructions for Contractors who are legal entities (Company Contractors):
Invoices must be sent via email to procurement@who.int. Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided to WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoices shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

cc: WHO India WHO Global Service Centre

Concerne: APW with King George Medical University : Strengthening capacities and demonstrating best practices in bio-medical waste management in different levels of healthcare facilities in a state and creating trainers at all the levels.

Veuillez trouver ci-joint l'Accord pour Exécution de Travaux entre l'Organisation Mondiale de la Santé et KING GEORGE MEDICAL UNIVERSITY, LUCKNOW, pour un montant de INR 3,296,656.00, vous permettant de mener à bien le travail susmentionné. Veuillez également trouver 2 pièce(s) jointe(s) mentionnée(s) dans l'Accord.

Merci de confirmer votre acceptation de ce contrat en nous retournant le courriel et une copie dûment signée du Bon de Commande (complet)

(Signature)
(Head)
University Environment Department
KGMU, Lucknow

World Health Organization
COVERING LETTER
LETTRE D'ACCOMPAGNEMENT

GLOBAL PROCUREMENT AND LOGISTICS
Global Service Centre
Block 3510
Jalan Tekongkat 6
63000 Cyberjaya
MALAYSIA

WHO Reference/ Référence OMS
WHO Registration 2023/1349496-1
Purchase Order 203153136-1
Unit Reference EHWCO

+915222258720
KING GEORGE MEDICAL UNIVERSITY
LUCKNOW
Shahmina Road
Lucknow
Uttar Pradesh
226003
India

AGREEMENT FOR PERFORMANCE OF WORK (APW)

Re: APW with KGMU for Strengthening bio medical waste management by replicating role models and reaching remote healthcare facilities in the state of Uttar Pradesh

We are enclosing the Agreement for Performance of Work between the World Health Organization and KING GEORGE MEDICAL UNIVERSITY, LUCKNOW, in the amount of INR 2,159,344.00 (Two Million One Hundred Fifty-Nine Thousand Three Hundred Forty-Four), for conducting the above-mentioned work. We also enclosed three attachment(s) referenced in the Agreement.

Kindly acknowledge your acceptance of this contract by returning the email with a copy of duly signed Purchase Order (all pages).

For any technical questions relating to this Agreement, please contact the responsible technical officer, Manjeet SALUJA, 9415409433, salujam@who.int.

Invoicing Instructions for Contractors who are legal entities (Company Contractors):
Invoices must be sent via email to procurement@who.int. Other than invoices, please do not send any enquiry to this email address. You may contact the above responsible technical officer for enquiries.

In order to ensure timely and accurate payment, invoices must include:

- Invoice number
- Purchase Order number against each invoice line;
- Invoice descriptions matching with PO descriptions
- Invoice currency same as the Purchase Order Currency also corresponding with the currency of the bank account provided to WHO;
- Supplier name as in the PO

Invoices shall be clearly readable and stamps or any other additional markings should not obscure the original invoice content. Invoices shall not be handwritten.

On behalf of the World Health Organization, we would like to thank you for your collaboration.

cc: WHO India WHO Global Service Centre

Concerne: APW with KGMU for Strengthening bio medical waste management by replicating role models and reaching remote healthcare facilities in the state of Uttar Pradesh

Veuillez trouver ci-joint l'Accord pour Exécution de Travaux entre l'Organisation Mondiale de la Santé et KING GEORGE MEDICAL UNIVERSITY, LUCKNOW, pour un montant de INR 2,159,344.00, vous permettant de mener à bien le travail susmentionné. Veuillez également trouver 3 pièce(s) jointe(s) mentionnée(s) dans l'Accord.

Merci de confirmer votre acceptation de ce contrat en nous retournant le courriel et une copie dûment signée du Bon de Commande (complet)

(Signature)
Scanned with CamScanner

WHO Project

Phase I: "Strengthening capacities and demonstrating best practices in BMW management in different levels of health care facilities in a state and creating trainers at all the levels.

WHO Project

Phase II: "Strengthening bio medical waste management by replicating role models and reaching remote healthcare facilities in the state of Uttar Pradesh.

Archana
Registrar
King George Medical University
Lucknow



UED improved biomedical waste management practices in state of Uttar Pradesh through WHO sponsored projects. Handholding was done and BMWM practices were improved in four medical facilities in first phase and as it showed good results, WHO extended this project and twenty more healthcare facilities were included in second phase. Image of the conclusion workshop of phase I project Principal Secretary, Medical Education & Health, UP Government was the chief guest in the workshop

Archana
Registrar
King George Medical University
Lucknow

Public Awareness



**Nukkad Natak on effective BMWM
being performed by students**



**A skit on environment Protection
being performed on world
Environment day.**

Archana
Registrar
King George Medical University
Lucknow



Environment Day Celebration is done every Year

Archana
Registrar
King George Medical University
Lucknow



Hon'ble Governor ma'am and Sri Brajesh Pathak Deputy Chief Minister, U.P. Government attended world environment day celebration as chief guest & guest of honour

Plantation Drive on World Environment day-2024

Archana
Registrar
King George Medical University
Lucknow



To create awareness regarding importance of Millets a “Millet Mela” was organized in Ferbruary 2023. Hon’ble Governor Madam, U.P. State was the Chief Guset.



Regular Celebration of National Nutrition Month in the month of September



**Faculty taking out rally to create awareness during Swacchta Pakhwada
also performing cleaning activities to motivate the Workers**

Aradhana
Registrar
King George Medical University
Lucknow



Awareness lecture for waste management at Study Hall School, Lucknow



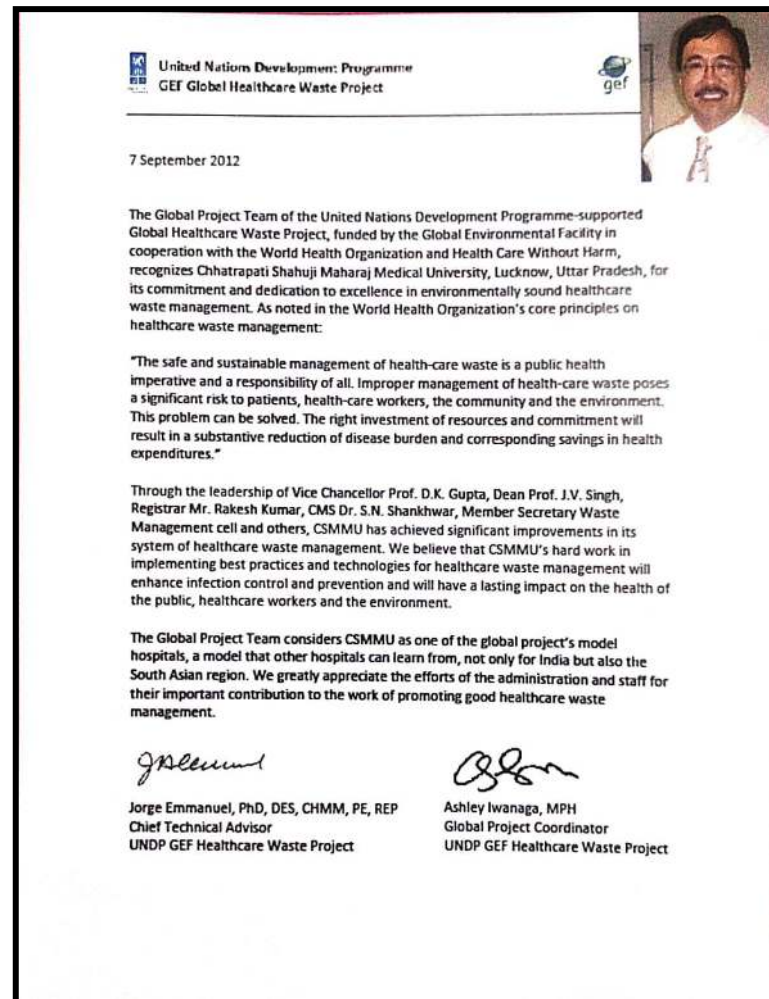
Dietician interaction at PHC followed by series of lectures through Telemedicine



Dry Waste Collection Activity
being performed at a public park in
from of a Competition (Game)

Prize Distribution

Evidence of Success



KGMU was awarded as **"Role Model amongst South East Asian countries"** for following the best practices for BMWM by UNDP/ GEF.

Archana
 Registrar
 King George Medical University
 Lucknow



KGMU was also awarded second prize in “**Kayakalp Assessment**” among tertiary care facilities by state Govt. UED is a State level designated “training center” for BMW/ Infection Control

WHO Bulletin 2022

Launch

1st February 2022

wasinhof@who.int
www.wasinhof.org
 GWA 544 for health

Download the document at
<https://www.who.int/publications/item/789240920912>



compounding the waste problem."

Many hospitals have been implementing waste segregation for some time. For example, in King George's Medical University (KGMU), a 4000-bed hospital in Lucknow, India, colour-coded waste bags and bins are used. Each bin is collected and taken to a centralized receptacle of the corresponding colour, except for the waste in yellow infectious waste bags, which is taken to an incinerator located away from the hospital.

According to Professor Kirti Srivastava, a radiation oncologist, and head of the environment department which oversees biomedical waste management and pest control at KGMU, 90% of the hospital's waste is non-infectious.

"Black bag general waste is taken away to landfill by the municipal authorities. Blue bag waste (metal and glass base waste), white (sharps) and red (tubing, bottles, catheters and urine bags) are wet-sterilized using steam at

Democratic Republic.

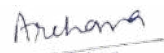
They found that the incinerators not always achieve full combustion, produced carcinogenic emissions of dioxins and furans. They also found that despite the upfront investment to switch to autoclaving, there are cost-savings over the long term as autoclaved waste could be handled at a lower rate by local waste management companies. According to Lokesh, the government has taken the decision of phasing out incinerators and investing in 70 autoclaves to manage infectious and sharp waste.

For WHO's Montgomery, the COVID-19 pandemic may have exposed a number of issues in the way we generate and manage waste, it is also providing valuable lessons in what can be done to address them. "Innovations in PPE (personal protective equipment) design, optimized packaging and delivery, and smart segregation and disposal of waste indicate that a



Revenue Generation: Rates obtained through tender for selling of recyclable waste generating approx. 1.5-2 lacs per month

Appreciation by WHO for successfully implementing the project and also the work done during covid Pandemic was appreciated in their Bulletin, year 2022.


Registrar
 King George Medical University
 Lucknow

ISHWMCON 2023



UED members won prizes in National conferences on BMWM like ISHWMCON 2023. KGMU also successfully conducted various National as well as International Conferences.



ISHWMCON 2024, attended by large number of delegates was conducted in November 2024.



Problem Encountered And Resources Required

BMW Award Details

Best Ward, OT, ICU, Lab, Clinic Award for Biomedical Waste Management Practices						
SN.	Year	Best Ward	Best O.T	Best Clinic	Best Lab	Best ICU
1	2016	Ward- Rheumatology Dept.	OT-III- General Surgery Dept.	Post Graduate Clinic - Pediatrics & Preventive Dentistry		
2	2017	NNU Ward- Obstetrics & Gynecology Dept.	Gyane OT – Obstetrics & Gynecology Dept.	Post Graduate Clinic - Pediatrics & Preventive Dentistry Dept.		
3	2019	Surgical 1 - General Surgery Dept.	OT - Neuro Surgery Dept.	Clinic – Orthodontics Clinic	Lab-Transfusion Medicine	
4	2021	Ward One Medicine Dept.	OT - ENT Dept.	Under Graduate Clinic – Pediatrics & Preventive Dentistry Dept.	Pathology - Obstetrics & Gynecology Dept.	
5	2022	Ward- Trauma General Surgery	EMG O.T - Obstetrics & Gynecology Dept.	Under Graduate Clinic –Conservative Dentistry Dept.	Serology Lab- Microbiology Dept.	
6	2023	Ward- Orthopedics Surgery Department	OT- ENT Department	Routine lab- Rheumatology Department	PG Clinic- Dept. of Conservative dentistry & Endodontic	RICU-Dept of PCCM
7	2024	Ward-2, General Surgery Dept.	Trauma Centre OT-4	ICTC Lab, Microbiology Dept.	Clinic- Dept. of Pediatrics & Preventive Dentistry	METC ICU- Medicine Dept.

Despite having knowledge, the biggest obstacle was to bring attitudinal change in staff for practicing proper waste management guidelines. It was overcome by repeated training/ motivation and incentivising by instituting several annual awards for the best OT, ward, ICU and lab in managing biomedical waste.