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Sarada Vilas Educational Institutions (R.)

SARADA VILAS COLLEGE



Krishnamurthypuram, Mysuru - 570 004

(Affiliated to the University of Mysore)

Reaccredited by NAAC with A grade (CGPA : 3.19)

E-mail : principal@saradavilas.com Website : www.saradavilas.com



Dr. M. Devika, M.Sc., M.Phil., Ph.D.

Principal

Mobile : 9880024483

7.1.3 The facilities in the Institution for the management of degradable and non-degradable waste:

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Principal
Sarada Vilas Coll.
Mysore - 570 004

Solid Waste Management

Vermicompost unit



Segregation of Dry & Wet Waste



Liquid Waste Management Measures

Sarada Vilas College, Krishnamurthypuram, Mysuru-04
PG Department of Chemistry
Laboratory Waste Management

Waste segregation shall be considered as scientific and social responsibility of all the teachers, staff and students working in laboratories. The waste management of liquids in the laboratories can be categorized as,

Category-I

Organic Solvents used in the organic synthesis and isolation of natural products can be categorized into 2 types

- (i) Liquid Waste (Organic halogenated solvents): This category of waste primarily would consist like dichloromethane, chloroform, and any other chlorine containing solvents will collect the solvent waste in labelled containers and redistilled to pure form. Further, they are reused.
- (ii) Liquid Waste (Organic non-halogenated solvents): The labs using these solvents will collect the solvent waste in labelled container. Water soluble solvents are diluted to bring down the toxicity and disposed.

Category-II

Aqueous acid waste: This category of waste primarily would consist of aqueous waste with $\text{pH} < 7$ like waste generated in titrations, reactions, work-up, chromatographic analysis etc. The labs generating aqueous acid waste will collect the waste in labelled containers and neutralise to bring $\text{pH} = 7$ and the waste is disposed.

- For concentrated acidic solutions, is diluted and neutralized. Finally, disposed.

Category-III

Aqueous basic waste

Aqueous neutral/basic waste: This category of waste primarily would consist of aqueous waste with $\text{pH} \geq 7$ like waste generated in titrations, reaction, work-up, chromatographic analysis etc.

- The labs generating aqueous basic waste will need to collect the waste in labelled containers and neutralise to $\text{pH} = 7$ and dispose.

Category-IV:


Heath Hazardous chemicals: This category of waste primarily would consists of chemicals like benzoyl chloride, acetyl chloride, acetic anhydride etc. are collected as waste in labelled containers after performing experiments and hydrolysed completely by dil. HCl or aqueous NaOH. Then, they are disposed.

Category-V:

Corrosive chemicals: These chemicals consists of acetic acid, formic acid etc. will collect as waste in a labelled container, and diluted completely to reduce the toxicity of chemicals. Finally they are disposed from the laboratory.

Category-VI

Oxidants and Reductants: This category of waste primarily would consist oxidants MnO_2 , SnO_2 , CuCl etc. are collected separately in labelled container and are reduced completely to bring down the toxicity and disposed.


Dr. R. Gururaja
Adjunct Professor / Coordinator
Post-Graduate Department of Chemistry
Sarada Vilas College, Mysuru - 04

E-Waste Management Measures

E-Waste Management MOU with NPE Waste Private Ltd

THIS AGREEMENT FOR DISPOSAL OF E-WASTE IS ENTERED ON THIS 7th DAY OF JUNE, 2022 BY AND BETWEEN:

M/s. Sarada Vilas college, an institute under Sarada Vilas Educational institutions located in Mysore city and having its Registered Office and College at Krishnamurthyapuram Mysore 50004 Karnataka, India hereinafter called the **OWNER** (which expression shall unless repugnant to the context thereof, shall mean and include its Successors, Executors, Administrators and Assigns), of the **FIRST PART**.

AND

M/s. NPE WASTE PRIVATE LIMITED a Company incorporated under the Companies Act, 2013 and having its Registered Office at No.11, A-1 Block, Rangarao Colony, Vasu Layout, Mysuru - 570 018 Karnataka, INDIA, its Premises situated at No.96, Koorgalli, Industrial Area, Belavdi Post, Mysuru - 570 018 Karnataka, INDIA, hereinafter called the **BUYER**. (which expression shall unless repugnant to the context thereof, shall mean and include its Successors, Executors, Administrators and Assigns), of the **OTHERPART**.

The Owner running educational institutions desires the Electronic Wastes generated in its Office and Work Place, (more particularly described in the Annexure-A) and hereinafter referred to as E-wastes, to be collected and disposed in a safe and lawful manner.

AND WHEREAS, the Buyer has an established recycling facility at the above referred premises for storing in a secured manner and recycling components for recovery of usable parts and metals using approved methodology and has obtained KSPCB Authorisation for Recycling of E-waste Authorization No.PCB/WMC/644/E-waste/2021/745 dated: 05.05.2022 valid up to 30.06.2026 for Storage & recycling of E-waste and the Owner has agreed to appoint the Buyer to collect and dispose E-Waste on the terms agreed below.

THIS AGREEMENT WITNESSETH AS FOLLOWS:

1. PERIOD OF THE AGREEMENT:

This Agreement shall commence from the date 7th June 2022 and shall be valid for a period up to 6th June, 2023 This Agreement may be renewed by mutual consent of the parties.

2. GENERAL CONDITIONS:

- a. The Buyer shall collect the E-waste mentioned in ANNEXURE -A at the prices, frequency and conditions mentioned therein and shall abide by the Guidance for adherence to Environmental Management Systems and ISO 14001 Compliances as laid down in ANNEXURE - B. The Owner shall from time to time amend the ANNEXURE -A to make any modifications, additions or deletion as may be required.
- b. Buyer shall make payment to the Owner, for E-wastes collected from Owners premises, by Demand Draft or NEFT Account Transfer, against the Invoice raised by the Owner at the time of collection of E-waste.
- c. The E-waste shall be collected by the Buyer at intervals as directed by the owner.


3. NO SERVICE LIABILITY:

- a. No Employees or persons deployed by the Buyer in the premises of the Owner for the collection of E-wastes shall at no circumstances be the employees of the Owner and The Owner shall not be responsible for the salary and allowances of the Employees or persons deployed by the Buyer.
- b. The Owner shall not be responsible to provide transportation facilities/food to the workforce and employees of the Buyer.

4. COMPLIANCE WITH ALL RELEVANT LAWS:

- a. The Buyer shall comply with all the requirements of Pollution Control Board and other relevant laws in force as may be applicable in relation to collection, transportation, processing and disposing the E-wastes.
- b. The Buyer shall be solely responsible for proper transportation, handling, cleaning, storage and disposal of all E-wastes collected from the Owner, according to statutory laws and approval of KSPCB. In the event of any breach of terms and conditions of this agreement or the authorization of pollution control board or the terms of any other statutory laws, approvals in force, orders or notifications of the Government, the BUYER hereby agrees to defend the Owner and keep the owner fully indemnified against all claims, liabilities, fees, penalties arising therefrom.
- c. The Buyer shall cover his personal or employees with E.S.I., E.P.F., Insurance coverage and such other social welfare coverages, as applicable under various statues and the owner shall not be responsible for any such dues.
- d. The Buyer would be solely responsible for any workmen compensation claims arising out of this agreement.

P.T.O


Principal
Sarada Vilas College
Mysore-570 004

5. TERMINATION OF AGREEMENT:

- a. If the Buyer fails to discharge his duties to the satisfaction of the Owner, the Owner can terminate the Agreement without Notice.
- b. Notwithstanding anything contained herein above this agreement shall stand terminated if the approval granted by the Karnataka State Pollution Control Board under the E-waste (Management) Rules, 2016 or any other law stands terminated, withdrawn or is not renewed. The Buyer shall immediately bring to the notice of the owner the fact of withdrawal, cancellation or non-renewal of the approvals by KSPCB or any other authority.

6. RESOLUTION OF DISPUTES:

- a. If any differences or disputes arise in connection with this or out of this Agreement, the same shall be amicably settled by mutual discussion, failing which the same shall be settled in accordance with the provisions of Arbitration and Conciliation Act, 1996 or any statutory modifications or re-enactments for the time being in force. b. It is mutually agreed between the parties that the courts of Bengaluru alone will have jurisdiction on all matters arising out of this Agreement.

IN WITNESS WHEREOF, the OWNER and the BUYER have executed this AGREEMENT, at Mysore, on the day first entered above, in two sets and each party shall retain one set each. Both sets shall read as a single agreement.

For SARADA VILAS COLLEGE


AUTHORISED SIGNATORY **Dr. Devika**
Name: Dr. Devika M. Sc., M.Phil., Ph.D.
Principal
Designation: Principal
Sarada Vilas College,
Krishnamurthypuram, Mysuru.

For NPE WASTE PVT. LTD.

For NPEWASTE PVT. LTD.

AUTHORISED SIGNATORY **NPEWASTE PVT. LTD.**
96, Koorgalli Industrial Area,
Belavdi Post, MYSURU-570018,
Karnataka, INDIA.
Name: Mr. H.R. Nagendra Rao
Designation: Managing Director

ANNEXURE - A

	E-WASTE DESCRIPTION	UOM	RATE (per KG) (in INR)
1	E-Waste ❖ Components of waste Electronic and Electrical Assemblies comprising accumulators and other batteries included, PCBs and all types of electronic components also. ❖ Computer Monitor, CPU, Printers, Xerox Machines, Servers, Keyboards, Mouse, Scanners, Electronic Instruments, Wires, Cables, Network Cables, Tonner, Cartridges & etc.,	KG	Rs. 55 per kg

Terms:

1. Above prices are exclusive of all Taxes, GST + Taxes + TCS extra, as applicable.
2. Transportation and Labour to be arranged by NPEWASTE PVT., LTD., at its own cost.
3. Frequency of Collection - Once in 3 months or as per directions of the owner.
4. The above rates shall be effective from 1st June, 2022 unless revised






DISPOSABLE E-WASTE



E-Waste Manifest

FORM 6
[See rule 19]

E-WASTE MANIFEST

1. Sender's name and mailing address (including Phone No.)	SARADA VILAS COLLEGE KRISHNAMURTHY AXRAM, MYSURU PRINCIPAL 9820024483			
2. Sender's authorisation No.	002			
3. Manifest Document No.	002			
4. Transporter's name and address (including Phone No.)	NPEWASTE PVT. LTD. # 99, Koorgalli Industrial Area, Belavdi Post, MYSURU-570018, Karnataka, INDIA.			
5. Type of vehicle	ASHOK LEXLAND			
6. Transporter's registration No.	KA 09 AA 6380			
7. Vehicle registration No.	KA 09 AA 6380			
8. Receiver's name and address	NPEWASTE PVT. LTD. # 99, Koorgalli Industrial Area, Belavdi Post, MYSURU-570018			
9. Receiver's authorisation No. If applicable	PCR/WMC/644E-WASTE/2021/745/DL.05.05/2022			
10. Description of E-waste (Item, Weight/Numbers)	E WASTE - 420 kg			
11. Name and stamp of Sender* (Manufacturer or Producer or Bulk Consumer or Collection Centre or Refurbisher or Dismantler)	<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p>Signature: </p> </div> <div style="width: 55%;"> <p>Month Day Year</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">03</td> <td style="width: 33%;">22</td> <td style="width: 33%;">2024</td> </tr> </table> </div> </div>	03	22	2024
03	22	2024		
12. Transporter acknowledgement of receipt of E-Wastes	<p>Name and stamp: </p> <p>Signature: </p> <p>Month Day Year</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">03</td> <td style="width: 33%;">22</td> <td style="width: 33%;">2024</td> </tr> </table>	03	22	2024
03	22	2024		
13. Receiver* (Collection Centre or Refurbisher or Dismantler or Recycler)	<p>Certification of receipt of E-waste</p> <p>Name and stamp: </p> <p>Signature: </p> <p>Month Day Year</p> <table border="1" style="width: 100%; text-align: center;"> <tr> <td style="width: 33%;">03</td> <td style="width: 33%;">22</td> <td style="width: 33%;">2024</td> </tr> </table>	03	22	2024
03	22	2024		

Copy 1 (Green) To be retained by the sender after taking signature on it form. The transporter and other three copies will be retained by transporter.



NPEWASTE PVT. LTD.

Plot No. 42, Sector 17, Industrial Area,
Delhi-110028, India. Phone: 011-26101111

GSTIN: 07AAH08779425
E-Mail: enquiry@npewaste.com
Website: www.npewaste.com

To,
The Principal
Sarda Vilas College
Mysore

Date: 15-03-2024

Sub: Revised price for lifting E-Waste since the MOU date is expired.

Dear Sir/Madam

With respect to above subject the MOU which was made on date 7th Day of June 2022 and was valid till 6th June 2023 for collecting the E-Waste has been expired and the quoted pricing is not valid for the present market condition. Since the price quoted in the below index remains same for future lifting of E-Waste from this date of letter. Kindly oblige and do the needful.

Sl. NO	E-WASTE DESCRIPTION	UOM	RATE (Per Kg) (in INR)
1	<ul style="list-style-type: none"> a. Components of waste Electronic and Electrical Assemblies comprising accumulators and other batteries included, PCBs and all types of electronic components also. b. Computer Monitor, CPU, Printer, Xerox Machines, Servers, Keyboards, Mouse, Scanners, Electronic instruments, Wires, Cables, Network Cables, Toner Cartridges & Etc. 	Kg	₹. 24 Per Kg

For NPEWASTE PVT. LTD.




Principal
Sarda Vilas College
Mysore-570004

Tax Invoice

Sarada Vilas College Sarada Vilas Education Institutions 3rd Cross Road, Krishnamurthy Puram, Mysore-570004 GSTIN/UN-29AAAAS4612F12D	Invoice No	Dated
	1	21.03.2024
Buyer (Bill to) NPEWASTE Pvt. Ltd. 96, Kongalli, Post, Industrial Area, Belawadi, Mysore-570026 GSTIN/UN-29AAHCNR27BM1ZH	Reference: MoU dated 07.06.2022 & Revised price offer dated 19.03.2024	

Sl.No	Description of Goods	HSN/SAC	Quantity	Rate	per	Amount
1	E-Waste	8549	420 Kg	24	Kg	10080
	Output CGST					907.2
	Output SGST					907.2
	Rounded Off					-0.4
	Total		420kg			11894

Amount (in words)

INR eleven thousand eight hundred and ninety-four only


 for Sarada Vilas College
 Principal
Sarada Vilas College
 Mysore-570004
 Authorised Signatory