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# HIRALAL MAZUMDAR MEMORIAL COLLEGE FOR WOMEN DAKSHINESHWAR KOLKATA-700 035


Email ID – [hmmcw35@gmail.com](mailto:hmmcw35@gmail.com)

Website: [www.hmmcollege.ac.in](http://www.hmmcollege.ac.in)



## WASTE MANAGEMENT

(Session: 2021- 2022)

  
25/2/2023  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700 035



**Waste management** is a difficult issue for any institution. In order to maintain a clean and environmentally friendly environment, it is required to dispose of both degradable and non-degradable garbage.

- **Solid waste management** : To maintain the solid waste management different bins are kept throughout the premises to collect the , paper, plastic, outdated and replaced electrical equipment, computer hardware, cables, and other equipment etc. The college's NSS units have started a clean-and-green campus initiative.
- **Liquid waste management** :  
College has managed a inter canal system which collects used liquid in respective canal and from there it goes to Baranagar Municipal Corporation's collection centre .
- **Biomedical waste management** : The disposal of chemicals, toxic waste, and hazardous waste from different laboratories college has its own biomedical waste collection bins .
- **E-waste management**: In the institution, emphasis has been placed on managing of e-waste.E-waste management has been implemented in cooperation with a third party hired specifically for this purpose. Over the years, various types of E garbage have been disposed of.
- **Vermicompost management** : Dr. Indrajit Biswas & Dr. S Rehan Ahmad ,and other faculties from the department of Zoology maintained organic manure pit & Vermicompost

  
28/2/2023  
**Principal**  
**Hiralal Mazumdar Memorial College**  
**For Women**  
**Dakshineswar, Kolkata-700 035**



**File Description**

**Documents**

Solid waste management



**a. Solid waste collection bins**

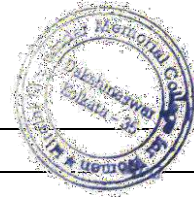
Biomedical waste management



**b. Bins for collecting Bio-wastes**

*[Handwritten Signature]*  
25/2/2023  
**Principal**  
**Hiralal Mazumdar Memorial College**  
**For Women**  
**Dakshineswar, Kolkata-700 035**





E-waste management



c. Store room for collecting E-wastes

*H. Mazumdar*  
20/12/2023  
**Principal**  
**Hiralal Mazumdar Memorial College**  
**For Women**  
**Dakshineswar, Kolkata-700.035**



पश्चिमवङ्ग पश्चिम बंगाल WEST BENGAL

68AB 572015

**SERVICE AGREEMENT FOR E-WASTE MANAGEMENT**

The Agreement is entered into at Kolkata on this 23 day of September, 2022.

By and Between

**Hulladek Recycling Private Limited**, a company incorporated under the Companies Act 2013 having its registered office at **4, D.L. Khan Road, Flat No. B-401, 4<sup>th</sup> Floor, Kolkata-700025, West Bengal, India** thereafter referred to as First Party which expression shall unless contrary to and or repugnant to the context mean and include its successors representative and permitted assigns through **Mr. Nandan Mall** to enter into and sign this Agreement for and on behalf of the First Party.

AND

**Hiralal Mazumdar Memorial College for Women** having its registered office at **Jadunath Sarbobhouma Ln. College Para, Dakshineswar, Kolkata, West Bengal 700035** thereafter referred to as Second Party which expression shall unless contrary to and or repugnant to the context mean and include its successors representative and permitted assigns through **Dr. Soma Ghosh (Principal)** to enter into and sign this Agreement for and on behalf of the Second Party.

- A.) First Party is a registered Producer Responsibility Organization (PRO) vide The Registration No. **B-29016(12)/ (PRO)/18/WM-III Division** dated **12.11.2018** valid up to **12.11.2023** and is authorized to undertake activities prescribed for Producer Responsibility Organizations.
- B.) The Second Party in compliance of E-Waste Management Rules, 2016 desires to have services for management of their Electronic Waste except liquid waste.

Hulladek Recycling Pvt. Ltd.

*[Signature]*  
Director

*[Signature]*  
23/09/22  
DR. SOMA GHOSH  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata - 700 035

*[Signature]*  
20/2/2023  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700 035





Now, this Agreement witnesses the following terms & conditions to be performed by both the parties to the Agreement,

1. The First Party has agreed to pick up, transport, carry and recycle/dispose of the E-Waste from the second party as per the norms prescribed by the Government Authorities from time to time.
2. The First Party has agreed to make available Utilization Certificate confirming that E-Waste provided by the Second party to the First Party has been recycled/ disposed of as per the norms prescribed by the Government Authorities within 60 days of the pick up the E-Waste.
  - a. The second party will sign required documents to acknowledge that E-Waste has been handed over to the First Party.
3. This agreement will be in force for a period of Three (03) years (23.09.2022 – 22.09.2025) from the date of execution of this Agreement and can be renewed at the end of every period by mutual consent.
4. The second party is expected to generate minimum 500 kgs of E-Waste annually during each contractual term.
5. The First Party Shall install an "E-waste Collection Bin" of Size "1 meter(L)x 0.9meter (D) x 0.8 meter (W)" at the college premises or any other location as may be prescribed by the second party.
6. The Second Party has agreed to pay an 'agreement fee' of ₹ 7,000 /- + 18%GST annually to the first party as fee for the contract. Total of ₹ 21,000 /- + 18%GST to be paid one time in advance. Rent for 3 years of the E-waste Bin and Awareness Session included.
7. The Second Party will accumulate all E-Waste and inform to the first party once reasonable volume (approx. 500 kgs minimum) has accumulated. The pickups confirmed by the Second Party will be carried out on a priority basis within Five days from the date of request.
8. The Second party has agreed to handover the E-Waste items, the details of which are mentioned here below to the first party on "as is where is basis". The first party will dispose off such equipment and specifically agreed that they will charge the second party.
9.
  - a) **The first party shall pay in case of the items in ANNEXURE 1.**  
Any monies payable by the First party will be identified and settled within 3 working days of actual pick up after clearance of all aligned necessary documents. (Tax Invoices, signed Logistics Sheet and E-waste manifest documents)
  - b) **The Second party shall pay in case of the items in ANNEXURE 2.** As the items are negative items and are required to be recycled as per the norm of the PCB for recycling negative items.
10. The second party's responsibility will cease once electronic waste has been handed over to the First Party as per clause 3 and no liability would accrue to the Second party on account of e-waste.

Hulladek Recycling Pvt. Ltd.  
*[Signature]*  
Principal  
Hiralal Mazumdar Memorial College  
Director For Women  
Dakshineswar, Kolkata-700 035

*[Signature]*  
23/9/22  
DR. SOMA GHOSH  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata – 700 035



11. The renewal of the contract is chargeable at the end of the tenure/period and the documentation formalities shall be done by the First Party within 30-45 days prior to the date of agreement termination.
12. Records & data of the e-waste material procured will be maintained and transparently shared by the first party.
13. The Second Party has agreed that the general waste such as municipal solid Waste will not be included in the E-Waste.
14. It is clearly agreed that all the E-waste procured by or in the possession of the second party will be exclusively managed by the first party as per the terms and conditions specified above. In case of deviation from such activity, an annual penalty of Rs. 5000 will be charged on a pro rata basis.
15. The First Party shall conduct an 'Awareness Session' at the premises of the 'Second Party' for generating awareness about the benefits and process of e-waste recycling.
16. Either party can terminate this Agreement by giving 45 days written notice in advance to the other party citing reasonable grounds for such action. However, the other party is not entitled to claim any compensation for such premature termination if with reasonable sufficient grounds.

**"First Party"**  
**Hulladek Recycling Private Limited**

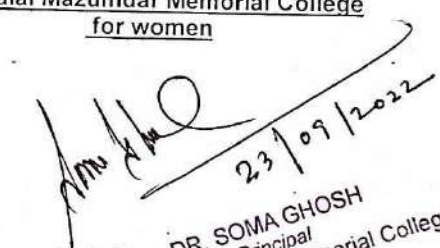
Hulladek Recycling Pvt. Ltd.  
  
Director

**Authorized Signatory**  
**(Mr. Nandan Mall)**

Witness: -

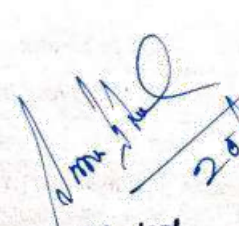
1) 

**"Second Party"**  
**Hiralal Mazumdar Memorial College**  
**for women**

  
23/09/2022  
**DR. SOMA GHOSH**  
Principal  
**Authorized Signatory**  
**(Dr. Soma Ghosh (Principal))**  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata - 700 035

Witness: -

1) 

  
20/2/2023  
**Principal**  
**Hiralal Mazumdar Memorial College**  
**For Women**  
**Dakshineswar, Kolkata-700.035**





Details of E-Waste: -

Annexure 1

Particulars		Weight	Price Paid By Hulladek Recycling to Hiralal Mazumdar Memorial College for Women (Inclusive of all applicable taxes)
Item	Description		
<b>Electronic Items (Scrap/Non-Working)</b>			
Monitor	CRT	11.5 kgs	Rs. 75
Monitor	CRT(BROKEN)	5.0 kgs	Rs. 25
Printer	Deskjet\laser jet\scanner	2.5 kgs	Rs. 50
Printer	Dot Matrix	4.5 kgs	Rs. 55
CPU	with all components (HDD, CDD, SMPS, Motherboard)	6.5 kgs	Rs. 280
HDD, SMPS Power Supply, Motherboard, CD Drive		0.44 Kgs	Rs. 25
Cabinet		3.0 Kgs	Rs. 10
Keyboard & Mouse		0.6 kgs	Rs. 5
UPS	with battery	3.0 kgs	Rs. 150
UPS Battery		2.3 Kgs	Rs. 78
Fax Machine		2.5 kgs	Rs. 32
Xerox Machine		15.0 kgs	Rs. 356
Switches	Managed Switches	1.7 kgs	Rs. 40
Server rack		On actuals	Rs. 10/kg
Laptop		2.5 kgs	Rs. 310
Projector		2.5 kgs	Rs. 70
Server	Compact Server	15.0 kgs	Rs. 385
Monitor	Flat screen(small)	4.0 kgs	Rs. 75
Monitor	Flat Screen 18 inches and above	4.5 kgs	Rs. 100
Centralized Air Conditioners	Duct In	On Actuals	Rs. 40/Kg
Air Conditioners	Window A.C (1 Ton)	45.0 kgs	Rs. 1280
Air Conditioners	Window A.C (1.5 Ton)	55.0 kgs	Rs. 1800
Air Conditioners	Window A.C (2/2.5 Ton)	61.0 kgs	Rs. 2400
Air Conditioners	Split A.C. (1 Ton) (including indoor and outdoor unit)	40.0 kgs	Rs. 1500

Hulladek Recycling Pvt. Ltd.

*Principal*  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700.035

*Director*

*23/09/2023*  
DR. SOMA GHOSH  
Principal  
Mazumdar Memorial College  
For Women  
700 035





Air Conditioners	Split A.C. (1.5 Ton) (including indoor and outdoor unit)	56.0 kgs	Rs. 2100
Air Conditioners	Split A.C. (2/2.5 Ton) (including indoor and outdoor unit)	60.3 kgs	Rs. 2600
Refrigerator	Single Door	30.0 kgs	Rs. 550
Refrigerator	Double Door	40.0 kgs	Rs. 760
Fans		On actuals	Rs. 11/kg
Optical Fibers		7 Kg/km	Rs. 8/kg
Water Heater/geyser		4.5 kgs	Rs. 85
Security Camera		1.0 kg	Rs. 10
Inverter		9.5 kgs	Rs. 180
Card Scanning Machine		0.5 kgs	Rs.5/kg
Bar Code Printer		0.5 kgs	Rs.5/kg
Vacuum Cleaner		6.0 kgs	Rs.10/kg
Water Filter		2.5 kgs	Rs.10/kg
Batteries	Industrial UPS, DG set	On actuals	Rs.65/kg
Miscellaneous Electrical items	Chokes, ballast, tubelight frames, capacitors, contactors, relays, etc.	On actuals	Rs.8/kg
Copper Cables		On actuals	Rs.180/kg
Aluminum Cables		On actuals	Rs.40/kg
Cables		On actuals	Rs. 10/kg

Hulladek Recycling Pvt. Ltd.  
  
Director

23/09/22  
DR. SOMA GHOSH  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata - 700 035

28/2/2023  
Principal  
Hiralal Mazumdar Memorial College  
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Dakshineswar, Kolkata-700.035



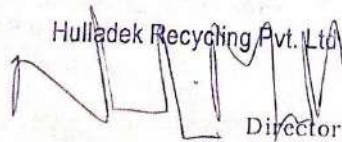
Annexure 2

Negative Items

Lighting Equipment (Scrap/Non-Working)				
Particulars		Weight/piece	Number of Pieces/kg	Price Charged by Hulladek Recycling to <u>Hiralal Mazumdar Memorial College for Women</u> (Inclusive of all applicable taxes)
Item	Description			
Tubelight	Big	0.030 kgs	34 units	Rs 50/kg
Tubelight	Small	0.020 kgs	50 units	Rs 50/kg
Tubelight	Big	0.100 kgs	10 units	Rs 50/kg
PI bulb	Small	0.070 kgs	14 units	Rs 50/kg
PI bulb		0.025 kgs	40 units	Rs 50/kg
Lamps		0.050 kgs	20 units	Rs 50/kg
LED bulb		0.023 kgs	44 units	Rs 50/kg
Incandescent bulb	AAA battery	0.011 kgs	91 units	Rs 50/kg
Pencil battery	AA battery	0.023 kgs	44 units	Rs 50/kg
Pencil battery	C battery	0.066 kgs	15 units	Rs 50/kg

“First Party”

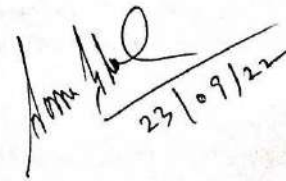
M/s. Hulladek Recycling Private Limited

Hulladek Recycling Pvt. Ltd  
  
Director

Authorized Signatory  
(Mr. Nandan Mall)

“Second Party”

Hiralal Mazumdar Memorial College  
for women

  
23/09/22

Authorized Signatory  
(Dr. Soma Ghosh (Principal))

DR. SOMA GHOSH  
Principal

Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata – 700 035

  
20/2/2023  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700.035





# CERTIFICATE OF E-WASTE RECYCLING

This certificate is proudly presented to  
**Hiralal Mazumdar Memorial College For Women**  
for the ethical collection and  
channelization for recycling of  
80.58 kgs of E-waste.

This document certifies that all materials/equipment have been  
chanelized for recycling under standards set down in the  
E-waste (Management) Rules, 2016 and amendments thereafte

Chief Executive Officer

Certificate No.:

Date:

**1901/22-23/01016**

Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700 035









Hulladek ERP

Hulladek Recycling Pvt. Ltd  
4, D.L. Khan Road, Flat B-401, 4th Floor, Kolkata-700025  
Collection Centre - 135 Foreshore Road, Gudown No. 26B/1, Shibpur, Howrah - 711102

Form 6  
(see Rule 19)  
E-WASTE MANIFEST

Copy 4: Sender's Copy return by Receiver

1	Sender's Name and mailing address (including Phone No.)	Hiralal Mazumdar Memorial College for Women, Dakshineswar, College Para, May Dibas Pally, Kolkata, West Bengal 700035, 9932954782
2	Sender's Authorisation No., if applicable	N/A
3	Manifest document No.	1901/22-23/01016
4	Transporter's Name and address (including Phone No.)	Self, 4, D. L. Khan Road, Kolkata - 700 025, 9903028600
5	Type of Vehicle	<input checked="" type="checkbox"/> Truck <input type="checkbox"/> Tanker <input type="checkbox"/> Special Vehicle <input type="checkbox"/> Other
6	Transporter's Registration No.	B-29016(12)/(PRO)/18/WM-III Division
7	Vehicle Registration No.	WB 03D / 0306
8	Receiver's Name and address (including Phone No.)	Hulladek Recycling Private Limited, 4, D. L. Khan Road, Kolkata - 700 025, Ph.
9	Receiver's Authorisation No., if applicable	B-29016(12)/(PRO)/18/WM-III Division
10	Description of E-waste (Item, Weight/Numbers)	CTH1 - 80.58 Kg
11	Description of E-waste (Item, Weight/Numbers) (Producer or Bulk Consumer or Collection Centre or Producer Responsibility Organisation or Dissembler or Recycler)	for  11/01/2023 Principal Hiralal Mazumdar Memorial College For Women Dakshineswar, Kolkata-700 035
	Date: 11/01/2023	Stamp & Signature
12	Transporter's Acknowledgement of Receipt of E-waste	
	Date: 11/01/2023	Stamp & Signature
13	Name and Stamp of Receiver (Collection Centre or Producer Responsibility Organisation or Dissembler or Recycler)	
	Date: 11/01/2023	Stamp & Signature

  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700 035  
20/2/2023

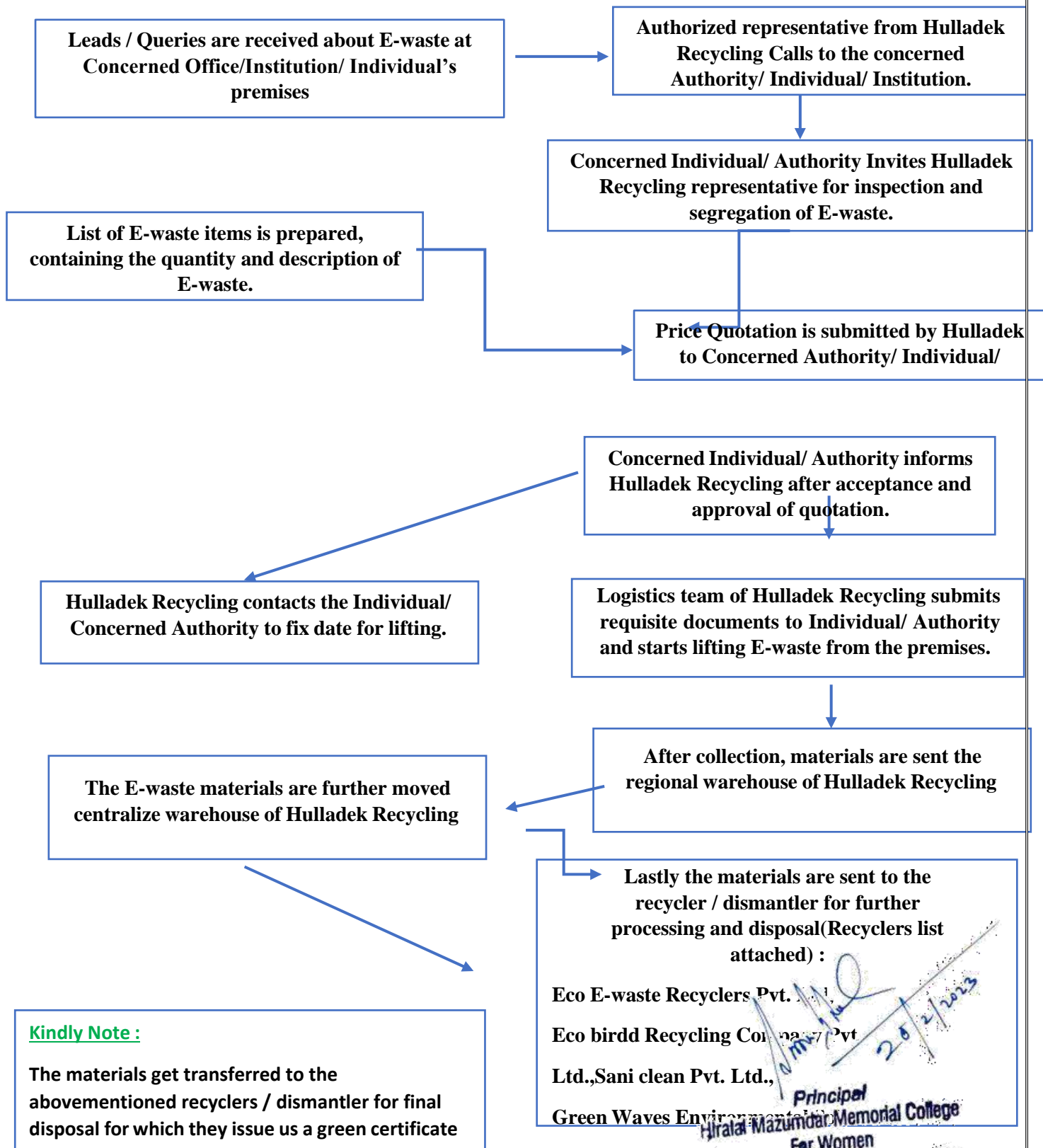




Hulladek Recycling Private Limited  
5, Deshpran Sashmal Road, Kolkata 700033  
1800-212-7880 || info@hulladek.re

**Hulladek**  
Hungry for Waste

### E-waste Process Flow



- Lastly the materials are sent to the recycler / dismantler for further processing and disposal(Recyclers list attached) :
- Eco E-waste Recyclers Pvt. Ltd.
  - Eco birdd Recycling Company Pvt Ltd.,Sani clean Pvt. Ltd.,
  - Green Waves Environmental

*[Handwritten Signature]*  
28/2/2023  
Principal  
Hiralal Mazumdar Memorial College  
For Women  
Dakshineswar, Kolkata-700.035

**Kindly Note :**

The materials get transferred to the abovementioned recyclers / dismantler for final disposal for which they issue us a green certificate