



S.R.R. & C.V.R. GOVT. DEGREE COLLEGE

Autonomous & ISO900: 2015 Certified Institution,
NIRF -2020 ranked 101-150 band and NIRF - 2019: 151-200 rank band Institution

NAAC accredited with 'B+' Grade

Machavaram, VIJAYAWADA - 520 004. Krishna District.

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ఆంధ్ర ప్రదేశ్ ఆంధ్ర ప్రదేశ్ ANDHRA PRADESH

81AA 102090

Date: 23/05/2019 Rs. 20

To: Sri: Green Waves Environmental Solutions Pvt. Ltd.
Whom: 43/1 Mindhi Village, Gajuwaka, Visakhapatnam

Memorandum of Understanding

Between

Green Waves Environmental Solutions,

43/1 Mindhi Village, Gajuwaka, Visakhapatnam

Andhra Pradesh - 530026.

(Company)

SRR & CVR GOVERNMENT DEGREE COLLEGE : VIJAYAWADA

This Memorandum of Understanding (MOU) sets for the terms and understanding between the **Green Waves Environmental Solutions** and for promoting zero waste management (recycle, upcycle of ewaste, plastic and solid waste).

Background

According to E-waste management act 2016, the disposal of e-waste had to take care by only authorized recyclers, in Andhra Pradesh. Green Waves Environmental Solutions Company deals with collection and dismantling of E waste with its innovative & environment friendly disposal practices. Green waves Environmental Solutions is the first authorized e-waste collection and handling unit in Andhra Pradesh recognize by Andhra Pradesh Pollution Control Board.

Purpose

This MOU is for collection and handling of all type waste in by Green Waves Environmental Solutions. We promote Zero waste management with VOE(Voice Of Environment)NGO as per the requirement. Zero Waste being sent to local municipality or the landfills. The primary aim of Zero Waste concept is to reduce waste sent to landfill area and there by promoting a HEALTHY ENVIRONMENT.

Creative Reuse's Waste upcycled household items by Green Waves Environmental Solutions.

- Green Waves Environmental Solutions had brought students together for working towards waste management by upcycling .
- Students are blessed with creative design of upcycling of waste.
- Green Waves Environmental Solutions will conduct classes with regards to upcycling of waste.
- It's a first of kind where a NGO (VOE) and GWES (Green Waves Environmental Solutions) joining hands together towards zero waste management through recycle and upcycle.
- VOE provides dry waste and GWES helps in upcycling of waste.

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Upcycling isn't just the practice of transforming old materials into useable objects; it's the process of breathing a new lease of life into well used and loved items to give them a new story and personality. All this while at the same time creating something that is useful, beautiful.

Recycling is the process of taking waste, generally consumer materials – plastic, paper, metal or glass – breaking it down and turning it into a reusable product. Upcycling involves turning an unwanted product into a better quality product. The big idea is that items made from recycled materials can be even more desirable than the original products, which can only be a good thing for sustainable production with environmental consciousness.

Green waves environmental solutions design task up-cycling t-shirts, jeans into bags is going well. We collect waste and unused clothes from public and recycle into cloth bag. A green initiative from Green waves environmental solutions towards plastic free world.

Green wave's environmental solutions, we use our creative skills to revive, restore & repurpose to create individual pieces. We also offer an upcycling service. Decorative mat made out of waste single use Plastic polytene covers. We collect waste single use plastic covers, after that we wash it and dry it. We make the decorative mats in different size or in different shape.

They by join our hands towards less litter and single use plastic free world.

Quotation-

PRICE DETAILS-

As per your request, we are pleased to submit our financial quote for safe and scientific disposal of E-waste. Normally the E-waste which is hazardous in nature has to be disposed by paying the disposal charges by the generator. However recyclable portion of E-waste we pay for below items.

Waste Electronic/ Electrical Material Price per Kg CPU's, Monitors, Printers, Scanners, batteries, motors, SMPS, Photo copiers, Keyboards, mouse, cables, other electronic / electric items **Rs.10**/- per Kg** if the all the parts in the Waste Electronic/ Electrical Material are present Price per Kg will be **20**/-per kg & Cable waste Rs. 35 per Kg .**

Pet bottle baled: Rs.18 -Rs.20 per kg
PP Glass: Rs.14-Rs.18 per kg
Ldpe Plastic (milk covers baled):Rs.6-Rs.9 per kg
Other hard plastic 9 rupees per kg
Low grade plastic 5 rupees per kg
Paper kg 9 rupees

Taxes: Including all Taxes & Duties. Note:

1. Form-6 (Hazardous Waste Transport Manifest) and form 2 shall be issued at the time of lifting and the same shall be signed by you.
2. Disposal certificate will be issued within a week after the safe disposal.

Company policy GREEN WAVES ENVIRONMENTAL SOLUTIONS.

1. We provide you complete guideline on ZERO waste management in your plant/place/area.
2. Zero waste workshop dates will be given a week before.
3. Packing and transportation of your waste is our responsibility.
4. All the waste records of your NGO will be confidential.
5. Any payment should be in name of GREEN WAVES ENVIRONMENTAL SOLUTIONS (GREEN WAVES RECYCLERS is only trade name).
6. The payments of your waste are given on waste lifting day or the next day.
7. We provide all the necessary certificate or receipts or bills as per your requirements.
8. GREEN WAVES ENVIRONMENTAL SOLUTIONS also makes upcycling objects from your E-waste donations, thus it saves our environment.

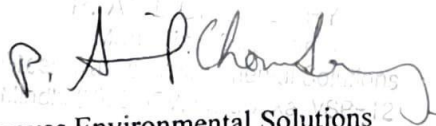
Academic Services-

Green Waves Environmental Solutions will also give a presentation on **green practices** and **green projects** on waste management to **Voice Of Environment students**. And this will help the students to get real time experience on this area. Green Waves Environmental Solution extends its experience in developing practical knowledge in students towards environment and its importance.

Duration

This MOU shall become effective upon signature by the authorized officials from Green Waves Environmental Solutions and. And it is for **THREE** years from the date the signature takes place. And the above defined quotations will be subjected to be active for **THREE** years only from the date the signature takes place.

Contact Information



Company name : Green waves Environmental Solutions

Company representative Anil P

Position : Managing Director

Address : Visakhapatnam

Telephone

Fax

E-mail

NAME OF THE COLLEGE REPRESENTATIVE: JOSHI VELEGA

Position : Principal

Address : SRR & CVR College , Machavaram

Telephone :

Fax

E-mail



ANDHRA PRADESH POLLUTION CONTROL BOARD

Paryavaran Bhavan, A-III, Industrial Estate, Sanathnagar, Hyderabad-500 018

Phones : 23887500

Fax No: 23815631

Grams : "Kalushva Nivarana"

Website : <http://appcb.ap.nic.in>

Authorization for Collection, Storage and dismantling of E-Waste (Under rule 13(3) (VI) of e-Waste (Management) Rules, 2016

Authorisation.No. 2/AUG/APPCB/e-Waste/ 2015

Date: 17.11.2016

1. **M/s Green Waves Environmental Solutions** is hereby granted renewal of Authorization as a collection cum dismantling facility for collection, storage and dismantling of e-waste at the premises situated at **Sy.No.43/1, Mindi Village, Gajuwaka and Visakhapatnam District.**
2. The Authorization is granted for collection, storage and dismantling of e-waste – **40 TPM.**
3. The Authorization shall be valid for a period upto **31.10.2021.**
4. The Authorization is granted for collection off e-Waste from Vizag, Krishna, East Gudivari, Prakasam, Kurnool, Guntur, Vizianagaram and Srikakulam Districts. The authorization shall not be treated exclusive right alone of the industry to collect e-Waste from above locations.
5. The Authorisation is granted for collection, storage and dismantling of e-Waste as prescribed under schedule-I of e-Waste Rules 2016.
6. The Authorization is subject to the conditions stipulated at Annexure-A and such conditions as may be specified in the rules for the time being in force under the Environment (Protection) Act, 1986.

**Sd/-
MEMBER SECRETARY**

To
**M/s Green Waves Environmental Solutions
Sy.No.43/1, Mindi Village,
Gajuwaka (M),
Visakhapatnam District.**

// T.G.F.B.O //

**JOINT CHIEF ENVIRONMENTAL ENGINEER
UH-II**

Annexure-A

Terms and conditions of authorization:

1. The e-waste collection centre shall comply with the provisions of the Environment (Protection) Act, 1986, and E-Waste (Management) Rules, 2016.
2. The application of this e-waste centre is processed based on the report submitted by Environmental Engineer, Regional Office, Visakhapatnam and the information furnished by the proponent.
3. The authorization shall be produced for inspection at the request of an officer authorized by the Andhra Pradesh Pollution Control Board while storage, transport and dismantling of e-waste.
4. The person / collection centre authorized shall not rent, lend, sell, transfer or otherwise transport the e-wastes without obtaining prior permission of the Board.
5. Any unauthorized change in personnel, equipment, working conditions as mentioned in the application by the person authorized shall constitute a breach of this authorization.
6. It is the duty of the authorized person to take prior permission of the Board to close down the operations.
7. An application for the renewal of this authorization shall be made, as laid down in sub-rule (VI) of rule 13(3), i.e. 120 days before the expiry of this authorization.
8. The collection centre shall provide / publish details such as address, telephone number / helpline number, e-mail, etc. of the collection centre to the general public.
9. The collection centre shall ensure that the e-waste collected by them is stored in a secured manner in the authorized premises till it is dismantled mechanically and to send residual waste to recycler.
10. The applicant shall take all necessary steps to avoid inconvenience to the neighbors.
11. The collection cum dismantling centre shall not carry out any recycling activity of e-waste.
12. The collection centre cum dismantling shall ensure that the collected waste is not stored for more than 180 days. The collection centre shall not collect any waste other than e-waste as mentioned at Schedule-I.
13. The collection cum dismantling centre shall ensure that no damage is caused to the environment during storage and dismantling of e-waste.
14. The collection centre cum dismantling shall preferably segregate e-waste into categories of "IT & TE" and "Consumer electrical and electronics" and shall store it in suitable racks / containers / bins. Height of the containers should be limited to 7 feet. Containers of appropriate size and shape shall be used for segregation of e-waste items to facilitate effective handling operations.
15. The shed area shall be covered and with impervious flooring.
16. The centre shall provide adequate facilities for handling/arresting leakages of compressor oils, CFCs / HCFCs in case of collection, storage and dismantling of goods like refrigerators and air conditioners.
17. The collection centre shall take care for proper packing of broken e-waste equipment during the storage, transportation, and dismantling.
18. The collection centre shall be secured with boundary wall and security personnel.
19. The proponent shall follow Rule No. 19 of E-Waste (Management) Rules, 2016 for transportation of e-waste.

20. The collection centre shall send the residual e-waste to M/s. Eco Recycling Limited., Mumbai (recycler) through authorized transporter as per the e-waste rules.
21. The collection centre shall maintain records of the e-waste handled in Form – 2 and make such records available for scrutiny by the Board.
22. The collection centre shall file annual returns in Form – 3 to the Board on or before the **30th day of June** following the financial year to which that return relates.
23. This authorization is issued subject to obtaining required permissions from local authority / Fire Safety Department and other relevant government departments, which are statutory requirement for carrying out the above activity.
24. The proponent shall comply with all the directions issued by the Board from time to time.
25. Concealing the factual data, submission of false information/fabricated data and failure to comply with any of the conditions mentioned in this authorization may result in withdrawal of this authorization and attract action under the provisions of relevant pollution control Acts.
26. The Board reserves its right to modify above conditions or stipulate any further conditions in the interest of environmental protection.
27. The Board is empowered to suspend or cancel the authorization in case of non compliance of conditions of the authorization or with any provisions of Environment (Protection) Act or e-waste Rules.
28. This order is issued without prejudice to the rights of this Board in any court of law.

Sd/-
MEMBER SECRETARY

✓
To
M/s Green Waves Environmental Solutions
Sy.No.43/1, Mindi Village,
Gajuwaka (M),
Visakhapatnam District.

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