

తెలంగాణ తెలంగాణ TELANGANA

No. 6870 Date 06/12/19

to P. John Paul S/o Solomon

For Malla Reddy College of Engineering MEMORANDUM OF UNDERSTANDING

BETWEEN

Global Green Solutionz

AND

MALLA REDDY COLLEGE OF ENGINEERING

P. Vijaya Lakshmi
K 734587

P. VIJAYA LAKSHMI

LICENSED STAMP VENDOR

L.No.15-21-031/2011, R.No. 15-21-001/2017

Plot No.67, APIC Colony, IDA Jeedimetla,
Medchal-Malkajgiri Dist, Call:9290070647

This Memorandum of Understanding (MOU) made on 18th June 2019 , by Global Green Solutionz, one of the firms providing sustainability, liquid and waste management solutions, a firm registered under the companies Act 1956 and having its registered office Door No : 509, Block A, Emerald Heights, Annojiguda, Hyderabad-500088, Telangana, India., here referred to as GGS, and represented by Srikanth Meesa, Co-Founder.

and

2. MALLA REDDY COLLEGE OF ENGINEERING is a registered and affiliated institution, having its registered office at MRCE Campus, Dhulapally, Secunderabad-500100 here referred to as MRCE, and represented by Dr. P. John Paul, Principal (Head of the institution), each a "party" and collectively the parties.

M. Srikanth

[Signature]

1. SCOPE AND TERMS OF INTERACTIONS

- a. Shall guide in the management of waste management i.e. wet waste, plastic and e-waste at the MRCE campus and Hostel facilities, so that the campus becomes one of the best campus in handling the waste.
- b. MRCE will supply the plastic and e-waste to GGS in order to recycle the plastic and E-waste through the authorized recyclers regularly.
- c. Shall assist in conducting the awareness and training programs on waste management and handling as and when called for.

2. TERM AND TERMINATION

This agreement will be effective for a period of five years from 18-06-2019 to 17-05-2024. The agreement can be renewed for additional five (5) years periods by mutual consent of the parties to the agreement. Either party to this agreement can terminate it by giving six months notice.

3. LIABILITY

However, any damage to equipment or facilities of one party brought about by negligence or intentional misuse by the personnel of the other party will be chargeable at actual; required for repairing/replacing the equipment/facility. The decision of heads of the respective institutions shall be final and binding on this matter and any related disputes thereof.

4. COORDINATION AND FOLLOW-UP

Any additions, changes or deletions must be approved by the authorities of both the organizations who are signatories to this agreement or their respective successors. All notices shall be in writing and shall be directed to these authorities as follows by the signatories of this MOU.

5. ARBITRATION

In case of any dispute arising out of this MOU, the heads of the institutions shall endeavor to resolve such controversy or dispute by mutual discussions and in good faith.

IN WITNESS WHEREOF, the parties have executed this Project by their duly authorized representatives on the date first set forth above.



For and on behalf of COMPANY For and on behalf of MRCE.

On behalf of

On behalf of

Global Green Solutionz MALLA REDDY COLLEGE OF ENGINEERING

By : 

By : 

Name : SRIKANTH M

Name: DR. P. Dhanapal

Title : CO-FOUNDER

Title : Principal

Date : 18/6/2019

Date: 18/6/19

Witness:

Witness:

1.

1.

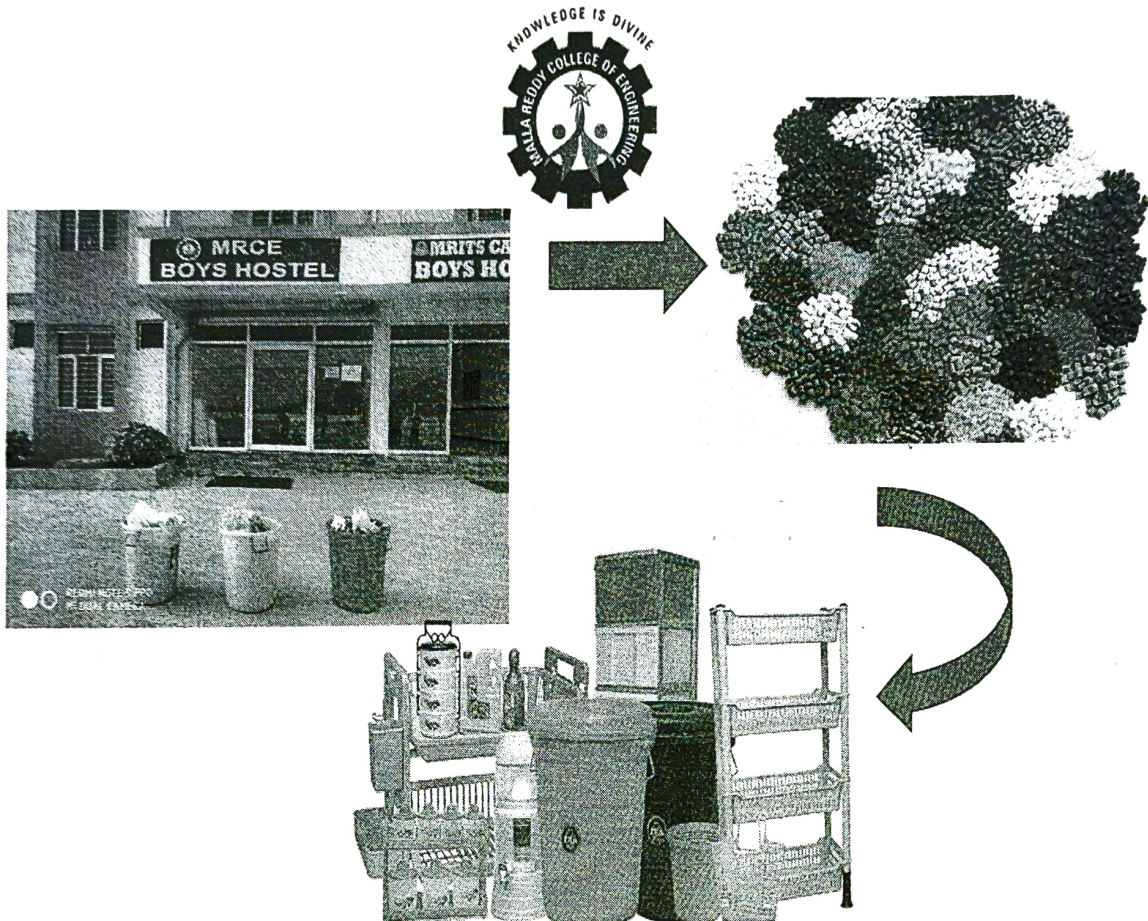
2.

2.

Plastic Waste Recycling

at

MALLAREDDY COLLEGE OF ENGINEERING



Prepared

By

Global Green Solutionz

509, Block A, Emerald Heights, Annojiguda, Hyderabad-500088
Tel: +91-7331134789; Email: globalgreensolutionz@gmail.com



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Plastic Waste at MRCE

A study was conducted to estimate the quantities of each waste and as per the study the quantities of observed wastes are stated below:

Plastic waste collection to disposal at MRCE take place in 5 steps as specified below:

Step 1: Workshops/ Awareness Campaigning

Regular awareness campaigning will be do at the MRCE canteen and the hostel employees in waste segregation and collection system.



Awareness Campaigning/ Workshop

Step2: Collection

Plastic waste collected form MRCE hostel and canteen are been stored and weighted regularly. All the collected waste is been stored at a Dry waste storing unit in different colored bins.



Waste collected

Step 3: Segregation

All the collected waste is now segregated into different types and grades at the Dry waste storing unit. This will be again stored separately in different bin or bags.



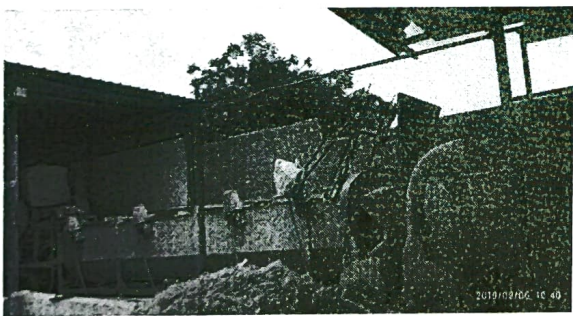
Waste Segregated

Step 4: Transportation

All the segregated and collected plastic waste will be lifted at MRCE for every 3 to 4 months. As the quantity reaches upto 0.5 to 1 ton, the segregated plastic will be sent for recycling at an authorized recycling units.

Step 5: Disposal/ Recycling

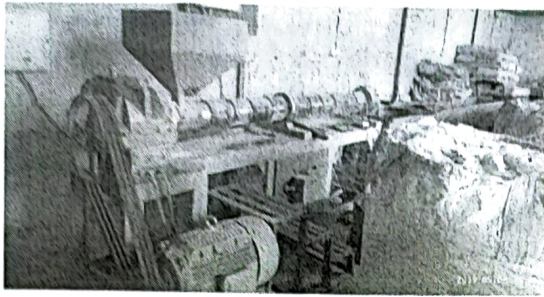
All the collected and segregated plastic waste will be sent to recycling unit to produce new products out of the waste plastic collected. This recycling will be done at a authorized plastic recycling unit as shown below.



Washing Unit



Shredding unit



Granule making unit



Dye Mixing Unit

This recycling process includes steps like:

1. **Washing:** Here all the collected waste plastic will be washed thoroughly before it is made into pellets form.
2. **Grinding:** Here the washed plastic will be dried and shredded into small pieces which will be easy in the granule making process.
3. **Dye Mixing:** Here the shredded plastic will be put into a mixer by adding colours and mixed well.
4. **Granule Making:** In this the shredded and colored plastic is melted into long wires which will be cut further into tiny pellets/ granules.

End Products:

The end products from the collected plastic waste will be converted into the pellets, tiles, recycled products, etc. as shown in the below images.

