

23/7/18

THE OFG COOPERATIVE GROUP HOUSING SOCIETY LTD.

Sector-9, Plot No. 50, Rohini, Delhi-110085

'Oriental Apartment'

Dear Residents,

Date: 23.07.2018

Re.: Solid Waste Management

As per Notice received by our Society from Hon'ble NGT, we have to ensure Generator Segregation (segregation at household level). Our Society has been identified non-compliant with the directions passed by Hon'ble NGT dated 02.12.2016 for not adhering to In house processing of Solid Waste generated by our apartment complex. Our Society comes under "Bulk Waste Generator" category and failing to comply with Solid Waste Management Bylaws, we would be liable to action and levy of a financial penalty of Rs.10,000 per default by Hon'ble NGT.

In order to comply with Solid Waste Management Bylaws and in good spirit of keeping our environment clean by taking responsibility of our waste, we have roped in a Waste Management company named "Scrapped". They have proposed a solution to ensure segregation at source and responsible disposal of waste.


A pilot has been done by "Scrapped" company with 1 pit and extremely good quality granular compost has been generated. The same has been kept in pump house for every one to observe.

As per proposal (enclosed herewith), every flat would be required to pay a monthly fee of Rs.50/- flat for maintenance of composting pits including shredding of kitchen waste, adding material to mixture for faster decomposition, daily mixing of waste pile and serving processed waste into usable compost.

Your cooperation to keep the society neat and clear and compliance with Hon'ble NGT is highly solicited.

Thanks,

Regards,


President / Secretary

SCRAPPED

RESPONSIBLE WASTE MANAGEMENT FOR C.G.H.S.

Project Proposal

Prepared for: Oriental C.G.H.S.

Prepared by: Rohit Aggarwal, Marketing and Sales, Scrapped

19 July 2018

Proposal number: Pilot Zero Waste - Oriental

4. Collection of daily segregated waste from households would be done by society's garbage picker to integrate him into the system.
5. **Wet Waste Disposal: Daily Process carried out by Scrapped**
 - A. All kitchen waste collected would be dumped in composting pit.
 - B. Kitchen waste would be layered with brown material to achieve recommended Carbon:Nitrogen ratio of 30:1 for proper composting.
 - C. EM solution would be sprinkled on wet waste layer to expedite composting process.
 - D. Waste pile to be mixed every alternate day to ensure fast composting.
6. **Daily Dry Waste Disposal:** Daily Process carried out by Garbage collector
 - A. All recyclable waste such as milk pouches, etc. collected daily to be collected separately by garbage collector.
 - B. For seamless integration into system, Garbage collector would be free to sell waste collected by him either to local vendors or to us on a daily basis.
7. **Monthly Recyclables Disposal: Monthly Process carried out by Scrapped**
 - A. Scrapped would provide one time free, 1 corrugated box for collecting paper/ flattened boxes, etc. and 1 bag to collect cleaned plastic bottles at home as per brochure.
 - B. Scrapped would allocate fourth Friday, fourth Saturday and Sunday after that of every month to Oriental for doorstep Recyclable collection.

10. Channelising Recyclable waste to relevant recyclers to reduce daily waste to Landfill by another 20% and Monthly recyclable waste to be recycled responsibly.
11. Process to provide hygienic working environment for all including garbage collector who would not need scavenging recyclables from mixed waste.
12. **Complete impact of drastically reduced carbon footprint by Zero Waste Initiative to be realised in the form of reduction in waste to Landfill by more than 80% of current volume and responsible disposal of recyclables. This would prevent approx. 160Kgs/ day or 4,800Kgs/ month of waste from getting dumped into landfill. Thus waste to landfill from Oriental would be reduced from 6000Kgs./ month to under 1200Kgs./ month.**
13. Expected compost generation of compost, based upon pilot project, would be approx. 25 Kg/ day or approx. 750 Kg/ month.
14. Additionally, each resident will get free organic compost (Retail value Rs. 20/Kg) for use in personal plants. This would entail joy of using our own compost made by us from our waste rather than frustration of sending all our waste to landfill and causing environmental hazard.
15. In addition to that, society would benefit by getting good quality organic compost for common park and green cover at no cost. Also, buffer generate would fetch additional revenue for society.