C&D WASTE SOLUTIONS

ANYTHING Pvt. Ltd. provides a variety of solutions based on its EN-3 soil stabilization technology.

One of the solutions that ANYTHING Pvt. Ltd. provides is recycling of Construction & Demolition Waste Material (C & D Waste) into building materials manufactured.

With simple mould changes, a wide variety of the building materials required for housing can be produced.

The know-how for building material is based on long time experience, R&D, and using natural non toxic EN-2 formula. The application is done where houses are going to be built by mixing the onsite Construction & Waste material EN-3formula and production of bricks on-site with bricks machine which is installed at the required location

1. DEFINITION

C&D waste is generated whenever/wherever any type of construction/demolition activity takes place; like renovation/construction of residential/office building(s), road(s), under bridge(s), flyover(s), subway(s) etc.

1.1 Construction waste: mainly leftovers from new construction materials (e.g. cutoffs, damaged materials), packaging waste, used materials during construction and all other wastes typical for activities on a construction site.

1.2 Demolition waste: collection of all construction materials from a building, after removal of certain (hazardous) parts (e.g. asbestos, tar, PVC). DW is much larger in volume than CW.

1.3 The estimated magnitude of the C&D waste stream varies because of several factors. These factors include the differing definitions of C&D waste and the range of accurate sampling procedures found in both research and practice.

1.4 C&D material will be defined as:

-Cement concrete [demolished

-Broken Bricks

-Broken Cement plaster

-Rubble

-Broken Stone (marble, granite, sand stone)
-Soil
-Sand
-Gravel etc

2 ANYTHING SOLUTION

2.1 A Waste Reduction and Recycling Plan that recycles 100% of the waste material as specified.
2.2 Set up the recycling plant within the project zone.
2.3 Minimum recycling capability of 50MT per day- will be specified according to customers' requirement.
2.4 Using a combination of technologies that includes crushing, screening, and separation etc. that will maximize waste treatment and would ensure zero landfill of waste.
2.5 Meeting the Noise Pollution Norms as per the Standards and Guidelines of the Central Pollution Control Board.
2.6 . Meeting the Air Pollution Norms (including dust levels) as per the Standards and Guidelines of Central Pollution Control Board.
2.7 The project should be cost effective.
2.8 The final product price should not exceed market price for similar product.

Most important- Recycling of 100% of the Construction & Demolition (C&D) waste with green technology.

3 OBJECTIVES OF C&D WASTE'S SOLUTIONS

The objectives of C&D waste Solutions are to:
3.1 Maximize recovery of recyclable C&D material(s);
3.2 Maximize reuse of recovered material in construction activity;
3.3 Minimize waste quantity that requires landfill disposal;
3.4 Ensure the proper disposal of C&D materials that cannot be recovered;
3.5 Increase life of sanitary landfill site(s); and
3.6 Reduce in total costs of C&D waste Solutions.

4 SCOPE OF WORK

4.1 A complete turnkey solution, for supply and installation commissioning Running and Maintenance of 50-500 TPD capacity Recycling Plant for C & D Waste based on the Latest technology.
4.2 Construct and Operation of C&D Waste Processing System with a combination of (Mechanical Processes) technologies/systems that includes crushing, screening, and separation which would maximize waste treatment and ensure zero land filling.
4.3 The total system would be in conformity with C&D WASTE Rules 2000 or the applicable rules of the land and guidelines. The crushing would be done in such a manner that noise and dust pollution is controlled as per norms.

5 OPERATIONAL MODEL

5.1 Investment will be done by ANYTHING or by customer- model will be mutually decided.
5.2 Area required for setting up plant shall be provided by the customer. (min 1.00 Acre per 100tpd of processing) .
5.3 Commitment of the customer for a steady supply of C & D Waste at Plant Site.
5.4 100% assured buy back of finished products i.e. Bricks from the said plant at agreed price.

6 MAIN ADVANTAGES FOR CUSTOMER

6.1 No Financial investment.
6.2 Recovery of costs associated with transportation and processing fees.
6.3 Less wastes end up in landfills, increasing lifetime and reducing costs.
6.4 Return of waste materials into the materials cycle.
6.5 Reduction of the dependency on primary materials.
6.6 Lower prices than new materials.

BOTTOM LINE:

Reducing and recycling C&D materials conserves landfill space, reduces the environmental impact of producing new materials, creates jobs, and can reduce overall building project expenses through avoided purchase / disposal costs.