

Integrated Solid Waste Management Facility Port Harcourt, Nigeria

The staff of EDESSA has been retained by the Federal Ministry of Environment of Nigeria to provide a wide range of various tasks, as part of the Consultancy Studies for the Construction of an Integrated Waste Management Facility (IWMF) in Port Harcourt, Nigeria.

The objective of this study is to provide the necessary resources to investigate the potential site location, conduct an Environmental Impact Assessment of the proposed development and to prepare a conceptual 30% design of the landfill along with a detailed cost estimate for the later stage of the project, which will comprise completion of the design to a final stage (100%), construction of the IWMF, maintaining the facility for a period of two years and finally closing/capping any filled cells.

The IWMF will consist of landfill cells, leachate collection and treatment systems and composting facility as may be deemed necessary.

The various tasks of the project include the following:

- The preparation of a Work Plan;
- The preparation of a Quality Plan;
- The preparation of a Regulatory Compliance Plan;
- The preparation of a Community Relation Plan;
- The preparation of an Environmental Impact Assessment (EIA);
- The preparation of a Waste Generation Survey;
- The preparation of a Conceptual (30%) Design for the landfill cells;
- The preparation of a Waste Segregation Plan;
- The preparation of a Conceptual Design for the Composting Plant;

