

WASTE SECTOR

MUNICIPAL SOLID WASTE TO ENERGY SYSTEM

GOVERNMENT ENTITY
The Council for Development and Reconstruction
PROJECT DESCRIPTION
<p>The project comprises two components:</p> <ul style="list-style-type: none"> - An incineration plant of 2,000 tons/day capacity based on “Waste to Energy” technology for municipalities that are willing to participate in the project; and - Six associated sorting plants.
OBJECTIVES AND EXPECTED IMPACT
<ul style="list-style-type: none"> - Put an end to the spread of uncontrolled solid waste dumpsites. - Protect the environment (Air, Water, Soil, biodiversity, etc.) from the pollution caused by haphazard dumping & open burning of solid waste. - Produce electricity through the “Waste to Energy” technology.
RESPONSIBILITIES OF THE GOVERNMENT/MUNICIPALITIES
<ul style="list-style-type: none"> - Identify project site and undertake any required expropriation. - Collect and transport solid waste to the facilities while ensuring quantity and quality of incoming waste. - Off-take any generated electricity exceeding the plant’s power consumption.
RESPONSIBILITIES OF THE PRIVATE PARTNER
<ul style="list-style-type: none"> - Design, build, finance, operate and maintain the above system for 20 years. - Respect the environmental safeguards set by the Ministry of Environment.
PROJECT LOCATION
<ul style="list-style-type: none"> - To be determined
PROJECT TIMELINE
<ul style="list-style-type: none"> - Site identification and expropriation. - Undertake EIA and seek approval of MoE. - Final design and tender documents ready for EPC tendering. - Expected construction period of 3-5 years.
EXPECTED COST (USD)
CapEx excluding Expropriation: USD 450MM.
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