

Assignment Name: Environmental Impact Assessment (EIA) Study of the proposed Waste to Energy Project at Karadiyana	Approx. value of the contract in LKR: 4.2 million
Country: Sri Lanka Location within Country: Karadiyana	No. of Staff: 12
Name of Client: Orizon Renewable Energy (PVT) LTD	Total No. of Staff-Months of the assignment : 100
Address: No. 5/21, Sulaiman Terrace, Off Jawatte Road, Colombo 05	Approx. Value of Services provided by the firm (in Rs): 4.2 million
Start Date (Month/Year): May 2011 Completion Date (Month/Year): July 2012	No. of Months of Professional Staff Provided by Associated Consultants: Not Applicable
Name of the associated Consultant : CECB	Name of Senior Staff (Project Director/Coordinator Team Leader) involved and functions performed: A.A.V. Dias -Team Leader S.S.I. Kodagoda -Geotechnical Engineer P.V.I.P. Perera -Environmental Scientist H.M.J.M.K. Herath -Engineering Geologist A.G.P. Aravinna -Environmental Chemist R.M.M.T. Ratnayake -Earth Resource Engineer S.P. Kannangara -Agricultural Scientist

Narrative Description of Project:

The objective of this project is to utilize Green Tech's Advanced Thermal Gasification System (ATGS) and Thermal Advanced Gasification Reactor (ATGR) which utilize plasma technology for generation of the necessary thermal energy to completely destroy municipal solid waste (old and fresh) that will be initially collected at Karadiyana municipal dumping site and then to be collected from nearby local authorities and thereafter to generate electrical power in an environmentally safe manner.



The study comprises baseline survey on existing conditions of physical, ecological, economical and social conditions of proposed and existing project sites.

Description of Actual Services Provided by Your Staff within the assignment:

CECB is providing consultant in the fields of Environmental Assessments and Geotechnical investigations for carrying out a complete Initial Environmental Examination for the Project.

- The staff provided covers the following disciplines;
- Civil, Geological and Geotechnical Engineering
 - Environmental Management and Environmental Testing
 - Ecology and Sociology

All studies including ecological and sociological surveys, documentation, coordination and reporting activities are carried out by CECB.

