

## **Grenada – Invitation for Expressions of Interest to Establish a Waste to Energy Facility**

The Government of Grenada (GoG) through the Grenada Solid Waste Management Authority (GSWMA) invites submissions of expression of interest to establish a waste to energy facility on the island of Grenada.

The GSWMA is a statutory body that was established by an act of Grenada's parliament in 1995. GSWMA is responsible for the collection of domestic solid waste (SW) throughout Grenada. Domestic SW collection is accomplished via seven (7) private sector collection contractors. Currently, all SW collection contracts are awarded for either five (5) or seven (7) year terms. Refuse compaction vehicles are employed to effect communal SW collection. Tipper trucks are used to collect bulky or oversized items.

GSWMA is the sole operator of the two official solid waste disposal sites in Grenada. Apart from domestic solid waste, the disposal sites receive institutional, commercial, industrial and ship generated wastes. Approximately 40,000 tons of solid waste are deposited at the disposal sites annually.

Currently, no tipping or gate fees are implemented at the disposal sites. However, other legislated mechanisms are employed in order to generate revenue for SWM. Those include levies on persons, goods and services.

Owing to a number of factors, Grenada does not have available land space to pursue landfilling as the major option for solid waste disposal in the future. Consequently, the island nation is exploring the conversion of solid waste to an energy resource. A 2009 study that examined options for waste disposal, among other things in Grenada, gave support to a waste to energy thrust. It is recognised that there are several options for the conversion and the end use of the chemical energy contained within solid waste. Interested parties may consider and submit any appropriate technology and any commercial arrangement within the confines of existing policy and legislation.

The venture will include researching, sourcing, construction, installation and commissioning of a suitable and appropriate waste to energy technology in Grenada as a means of effectively dealing with applicable fractions of the municipal solid waste stream. One of the objectives of the venture is the

replacement of landfilling as the major method of solid waste disposal; reducing the dependence on landfilling by over seventy five percent. Further, any proposed energy from waste facility must be capable of accommodating vehicle tyres, used lubricating oils and biomedical waste.

The venture is expected to be implemented and operated in an environmentally sound manner that minimises negative environmental and public health concerns.

Submissions may be conceptual and non-binding, recognising that the technical and commercial feasibility of the project will require further study. Submissions will be reviewed and the Government of Grenada would then work with short-listed entities with a view to developing a suitable venture. The GoG wishes to have an operational waste to energy facility by the fourth quarter of 2015 and intends to choose a suitable waste to energy partner by the third quarter of 2012.

It should be noted that Grenada's local electric utility company (Grenada Electricity Services Limited or GRENLEC) is majority privately owned and has a generation, transmission and distribution monopoly under existing agreements and legislation. Therefore, if it is proposed to export electricity to the national grid, that must be done with the full consent and agreement of GRENLEC. GRENLEC has indicated that they are interested in working towards a joint venture (JV) or joint development agreement (JDA) with suitable parties. Entities to which that information is relevant should include a JV or JDA with GRENLEC. In addition, such entities are encouraged to contact Mr. Clive Hosten at GRENLEC at telephone number 473-440-9425 for further information in that regard.

Expression of interest should be submitted in sealed envelopes that are clearly marked, "Expression of Interest Waste to Energy Grenada". The envelopes should be addressed to, "The Manager, Grenada Solid Waste Management Authority, Frequente Industrial Park, St. George, Grenada." The deadline for the receipt of submissions is 4:00 p.m. on 30th November, 2011.

Interested parties shall be responsible for bearing any costs associated with the preparation and submission of expressions of interest.

Interested parties may request further information by sending written correspondence addressed to “The Manager, Grenada Solid Waste Management Authority, Frequente Industrial Park, St. George, Grenada”. Alternatively, such requests may be submitted by fax to 473-444-0330.