



Government of the Republic of Trinidad and Tobago
Ministry of Energy and Energy Industries

Waste to Energy Consultant One (1) Technical Consultant / One (1) Economic Consultant

The Government of the Republic of Trinidad and Tobago, through the Ministry of Energy and Energy Industries (MEEI), is seeking qualified Consultants with in-depth experience in Waste-to-Energy (WtE) Build Own Operate (BOO) Schemes for conversion of Municipal Solid Waste (MSW) for power generation. A WtE Facility is planned for a designated site in the Beetham area, and the MEEI is in search of individuals with relevant technical and economic expertise in WtE facilities.

Core Responsibilities and Duties

- Support the Evaluation Committee with the finalization of the Evaluation Rubric.
- Provide technical and economic guidance to the Evaluation Committee as needed, and as it relates to the evaluation of the Bids.
- Assist the Evaluation Committee in the analysis of the Waste Characterization Study.
- Assist the Evaluation Committee in assessing the Social Impact Assessment (SIA).
- Assist in the preparation of the Final Evaluation Report of the Consultancy.

Requirements

Technical Consultant	Economic Consultant
<ul style="list-style-type: none"> Master's Degree or higher in Engineering (Electrical, Mechanical, Process or Chemical) or Science. At least 5 years experience in Waste to Energy Projects specific to technologies (incineration, thermal technologies and non-thermal technologies) for Municipal Solid Waste (MSW), will be an asset (economics, technology and project development). Excellent knowledge on Waste to Energy Plants, including input and output parameters and technical processes involved from conceptualisation to commissioning. Experience in providing technical assistance /capacity building on evaluation of Requests for Proposals in the context of Developing Economies, will be an asset. Prior experience of working with representatives of energy associations/private sector/academia and various stakeholders in the Energy Sector. Prior experience with integrating Waste to Energy Plants with the county's Waste Recycling Policy/ Management Plan will be an asset. Ability to conduct Technical Due Diligence (TDD) check of Waste to Energy technologies. 	<ul style="list-style-type: none"> Master's Degree or higher in Finance or Economics, or any other related qualification. At least 5 years experience in Financial/ Economic evaluation of Waste to Energy Projects, specific to commercially viable technologies will be an asset. Knowledge in Debt & Equity Transactions, Project Financing & Credit Arrangements, Investment Appraisal & Economic Evaluation, and, Energy Market Dynamics Knowledge. Experience in providing financial and economic assistance/ expertise on evaluation of Requests for Proposals. Prior experience of working with representatives of energy associations/private sector/academia and various stakeholders in the Energy Sector. Strong experience working with International Financial Institutions (IFI), procurement rules and procedures. Ability to assess socio-economic impacts of a Waste to Energy Facility on surrounding areas. Ability to conduct Complex Financial Modelling & Analysis & Risk Analysis for Waste to Energy Projects. Ability to analyse and evaluate Tariff Models and Tipping Fee relating to Waste to Energy Projects.
<ul style="list-style-type: none"> Relevant professional experience in the field of the assignment (as an Academic / Researcher, or as a Planner or a Practitioner); International Work experience will be considered an advantage; Proven excellent report writing and communication skills (oral and written); Fluent in English, both oral and written. 	

In order to demonstrate experience, Applicants shall provide relevant project references of similar work in evaluating tenders specific to Waste to Energy Plants. Potential Applicants are required to email their Cover Letter and CV to: wteproject@energy.gov.tt or to the following address:

Ministry of Energy and Energy Industries (Head Office),
Levels 15 & 22-26, Energy Tower, International Waterfront Centre,
#1 Wrightson Road, Port of Spain, The Republic of Trinidad and Tobago.

The deadline for submission of Applications to the Ministry of Energy and Energy Industries (MEEI) is 4:00pm (Eastern Standard Time) on 3 September 2019. Unsuitable Applications will not be acknowledged.

Ministry of Energy and Energy Industries