



BELIZE SOLID WASTE MANAGEMENT AUTHORITY, MINISTRY OF AGRICULTURE, FISHERIES, FORESTRY, the ENVIRONMENT and SUSTAINABLE DEVELOPMENT

TWO (2) ENGINEERS FOR SOLID WASTE MANAGEMENT PROJECT II

A.) BACKGROUND

The Government of Belize (GoB) with funding from the Inter-American Development Bank (IDB), proposes to implement a five year project to improve solid waste management practices in the Northern and Southern Corridors (Corozal, Orange Walk, Belmopan, Dangriga, Placencia and Punta Gorda) that will support the goals of environmental protection, natural resource conservation, and protection of public health, safety and welfare. The project will also contribute to enhancing the image of Belize in the eco-tourism market and strengthen the Belize Solid Waste Management Authority (BSWaMA) as the entity responsible for improving solid waste management in the country.

Component 1 - Capital Investments to Improve Solid Waste Management: This component aims to improve municipal solid waste transport, recovery, and final disposal in the aforementioned Corridors as well as in Belmopan through the following investments: i) closure of six dumpsites, ii) construction of six transfer stations – sorting facilities iii) construction of a new cell at Mile 24 Regional Sanitary Landfill, and iv) final designs and supervision of civil works including the preparation of site-specific Environmental Assessments and Environmental and Social Management Plans.

Component 2 - Institutional Strengthening and Capacity Building: The resources allocated to this component will finance consulting services and activities to strengthen the SWaMA, including: (i) consultancies to support in the design and implementation of a cost recovery mechanism for solid waste collection, transport and disposal; (ii) external short-term consultants and training activities to strengthen knowledge in landfill and transfer station operations, composting, recycling and management of other waste streams such as hazardous waste, as well as advisory services in areas such as legal support for contracting activities and elaboration of regulatory guidelines; (iii) social communication/public education and awareness activities and materials; (iv) preparation and implementation of site-specific social inclusion plans for recyclers, and (v) consultancy for the design and implementation of an Environmental and Social Management System (ESMS) for BSWaMA.



B.) OBJECTIVE OF CONSULTANCY

The main objective of the consultancy is to complement the Solid Waste Management Authority's staff during project execution, specifically supervising the designs and execution of infrastructure works (transfer stations, closure of dumpsites and landfill construction) of the SWMP II.

C.) SPECIFIC RESPONSIBILITIES

The Engineers shall:

1. Verify that the construction of the SWMP II infrastructure is in compliance with the Bank's Environmental and Safeguards Compliance Policy and in particular with the ECP and local environmental laws and regulations in respect of the sites that were under their supervision;
2. Support the Design/Supervising Engineer and Waste Management Engineer in the revision of the Detailed Design Plans submitted by the Contractor(s).
3. Assist the Waste Management Engineer and Project Director in preparing SWM Project Progress Reports as it relates to the progress of the infrastructure works;
4. Assist the Design/Supervising Engineer, in conducting field supervision of the infrastructure works (at the Mile 24 Regional Landfill, closure of dumpsites and construction of transfer stations/MDFs), attend site meetings related to construction and scheduling of the works, prepare and submit timely reports on these meetings to the Project Director through Waste Management Engineer;
5. In coordination with the Design/Supervising Engineer, sign off on (when Owner's signature is required) and keep track of and document construction change orders and changes in drawings/plans of the infrastructure works;
6. Support the Design/Supervising Engineer and Waste Management Engineer, in reviewing contractor's payment applications for the infrastructure works (at the Mile 24 Regional Sanitary Landfill, closure dumpsites and construction of transfer stations/MDFs) against construction scheduled progress and inputs/resources consumed and make recommendations accordingly, to the Financial Specialist for timely payment;
7. Assist the Design/Supervising Engineer, in the review and signing off on construction quality assurance testing and construction quality acceptance reports, whenever these are conducted.



8. Prepare a final report of the Design Build Services at the end of the consultancy in respect of the sites that were under their supervision.
9. Additional tasks assigned by the Project Director from time to time.

E.) QUALIFICATIONS AND EXPERIENCE

The Person Engaged will have at least a Bachelor's Degree in Civil Engineering, Construction Engineering or Environmental Engineering or any related field. He/She shall have at least two (2) years demonstrated experience in earthworks/construction supervision or at least two (2) years of experience in supervision of industrial type buildings. Knowledge of solid waste management, quantity surveying, construction management/scheduling and AUTOCAD would be an asset. Fluency in English is required.

F.) TERMS OF ENGAGEMENT

The services of the Person Engaged will be required for a period of one year in the first instance and renewable based on a performance evaluation.

G.) PAYMENT SCHEDULE

Negotiable based on qualification and experience.

H.) APPLICATION

Interested persons may send their application letter, Curriculum Vitae (CV), references and supporting documentation by hardcopy or email, no later than August 10th, 2018 at 2:00 PM Belize local time to:

Solid Waste Management Authority

Attn: Mrs. Melanie Gladden, Procurement Officer
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