



REPUBLIC OF LIBERIA

# Monrovia City Corporation



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## REQUEST FOR EXPRESSIONS OF INTEREST (Consulting Services-for a firm)

### (TIME EXTENSION)

**Assignment Title: Development of an Integrated and Sustainable Waste Management System  
for Greater Monrovia and Paynesville**

**Reference No.: MCC/PCC/CQS-03/2025**

#### 1. BACKGROUND

The Government of Liberia, through the Monrovia and Paynesville Cities Corporations is seeking partnership in the development of a sustainable and integrated waste management system in greater Monrovia. As such, the cities invite qualified interested partners to present a proposal with concept and cost for the design, construction, financing and operationalization of integrated waste management systems across Monrovia and Paynesville cities. As a part of the GOL ARREST AGENDA under SANITATION, this initiative further indicates our commitment to enhance environmental sustainability and public health through an improved waste management infrastructure.

Monrovia and Paynesville cities rapid urbanization and population growth which is currently 1,920,965 million inhabitants have led to significant waste management challenges. Current systems are overwhelmed, resulting in environmental pollution and public health risks. The waste generation rate is 0.65kg/capita/day. Accordingly, the current solid waste generated projection is 1,214 tons per day (Poyry, 2011), but the actual waste collected is 280.26 tons per day accounting for the average amount of 23 percent collection rate, which is one of the lowest in Sub-Saharan Africa. This implies that up to 77 percent of the solid waste is illegally dumped in ungazetted area. According to Africa Solid Waste Management Data Book, 2019, the waste in Monrovia can be characterized as mostly organic (43%), plastic (13%), paper (10%), textile/wood/rubber/leather (11%), glass & metals (3%) and miscellaneous (17%). Currently, the Whein Town Landfill host 325,000m<sup>3</sup> of waste with the associated slope of 20m and has an excess waste of 55,000m<sup>3</sup>

#### 2. PROJECT OBJECTIVES:

To develop a comprehensive system that will include waste collection and disposal (with clear support at the primary and secondary levels), material recovery facilities (in support of composting, recycling, / waste to energy), as well as specialized facilities for the treatment of

medical and liquid waste. The project also involves urgent attention to our existing Whein Town landfill site, the upgrade and management of existing transfer stations as well as the construction of new engineered landfills, and transfer stations as may be needed including removal of the legacy waste from the cities of Monrovia and Paynesville to the waste plant(s);

- To minimize environmental impacts associated with waste management;
- To enhance public health and sanitation;
- To promote sustainable waste management practices, including waste reduction, reuse, and recycling;
- To create local employment opportunities;
- To increase access to Energy / electricity;
- To ensure a new and sustainable revenue stream for the City Corporations.

### **3. PROJECT SCOPE:**

The overall proposal must demonstrate roll out in a phased approach reflecting Short, medium, and long term interventions.

**The consulting services (“the Services”) include:**

#### **Phase 1: Planning and Design**

- Conduct a comprehensive site assessment and technical feasibility for the current and proposed landfill and transfer station locations;
- Conduct a study of waste composition within Monrovia and Paynesville cities;
- Include detailed engineering designs for all infrastructure components.

#### **Phase 2: Construction and Installation**

- Oversee the construction and installation of all infrastructure components according to approved designs and specifications;
- Ensure adherence to quality control standards and environmental regulations throughout the construction process.

#### **Phase 3: Operation and Maintenance**

- Develop and implement operational procedures to manage the facilities;
- Provide ongoing maintenance and repair services for all infrastructure components.

#### **Phase 4: Capacity Building**

- Train local personnel on the operation and maintenance of the facilities.
- Work closely with the cities to prepare and conduct a comprehensive awareness and education program around waste management within Monrovia and Paynesville
- Capacity building of SMEs and CBEs through human resource, and logistical support.

The duration of this assignment is 25 years subject to renewal depending on satisfactory performance.

The detailed Terms of Reference (TOR) for the assignment can be obtained at the address given below.

### **4. CONSULTANT QUALIFICATIONS**

The partner must provide a list of key personnel and it should meet the local structure standard, including:

Key staff required	Qualification	Experience
Project Manager	Master's degree in project management, management, or other related disciplines	At least Eight (8) years experience in project management, solid waste management or other related fields.
Civil Engineer	Master's degree in civil engineering or other related engineering disciplines	At least Seven (7) years' experience in infrastructure design or other related engineer fields.
Mechanical Engineers	Master's degree in mechanical engineering or other related engineering disciplines	At least Five (5) years in the field of mechanical engineering other related engineering fields.
Environmental Engineers.	Master's degree in environmental engineering or other related disciplines	At least Six (6) years in conducting environmental impact assessment or other related environmental fields.

The Monrovia City Corporation (MCC) and the Paynesville City Corporation (PCC) now invite eligible "Consultants" to indicate their interest in providing the Services. Interested Consultants should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services.

A Consultant will be selected in accordance with the Public Procurement and Concession Act of 2010.

Further information can be obtained at the address below during office hours from 9:00 AM to 4:00 PM, Monday through Friday.

Expressions of interest must be delivered in a written form to the address below (in person, or by e-mail by April 15, 2025, during the office hours stated above.

**Only shortlist firms will be issued the Request for Proposal (RFP) to enable them prepare and submit their Technical and Financial Proposals.**

**Note: The Request for Expression of Interest was first published and had the deadline of April 15, 2025. However, Management has decided to extend the time to April 30, 2025 to allow more firms to submit their Expression of Interest.**

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