



REPUBLIC OF LIBERIA
MINISTRY OF PUBLIC WORKS

P. O. BOX 9011
SOUTH, LYNCH STREET
MONROVIA, LIBERIA



Request for Expressions of Interest

Date: April 18, 2022

Name of Assignment: Individual Consultancy Services for the Project Management Unit of the Liberia Urban Resilience Project (LURP) – **Lead Civil Engineer / Hydraulic Engineer**

REOI Reference No.: LR-MPW-288664 -CS-INDV

Project ID.: P169718

Country: Liberia

Dear Sir/ Madam:

The Government of Liberia has received a loan and grant facilities from the International Development Association /World Bank and the French Development Agency (AFD) and intends to apply part of the proceeds of these facilities to eligible payments under the contract for which this Request for Expression of Interest **for** Individual Consultancy Services for the Project Management Unit (PMU) of the Liberia Urban Resilience Project (LURP) – **Lead Civil Engineer / Hydraulic Engineer**

The Liberia Urban Resilience Project (LURP) is led by the Government of Liberia through the Ministry of Public Works (MPW) and financed by the World Bank (WB) and the French Development Agency (AFD). The proposed development objective is to increase flood resilience and access to urban infrastructure in underserved neighborhoods and to improve urban infrastructure planning and management in Liberia.

The scope of service for this position requires an experienced consultant to be the **Lead Civil Engineer / Deputy Head of the PMU** to assist with the scheduling, planning, forecasting, resourcing, and managing technical activities to ensure project accuracy and quality. The **Lead Project Engineer** will be particularly responsible for the engineering and technical disciplines of all project activities and will establish inspection criteria and monitoring for the proper implementation of all the elements of the project for the Project Management Unit. He shall assist the Project Coordinator in the management of the PMU and reports to the Project Coordinator.

The duration of this service will be for **12 months** but renewable on an annual basis for a period up to six (6) years based upon satisfactory performance, project needs and available budget. Further details of this service are indicated in the attached Term of Reference. (TOR).

The Ministry of Public Works now invites eligible interested individuals to indicate their interest in providing this service. Interested individuals must provide information indicating that they are qualified to perform the services in accordance with the requirements set forth in the TOR including copies of their CV, attach photocopies of relevant applicable certificates/documents, description of similar assignments, experience in similar conditions, availability of appropriate skills, etc.

This procurement process will be conducted in accordance with the recruitment of Individual Consultant procurement/method contained in the World Bank Regulation for IPF Borrowers July 2016, Revised November 2017, August 2018, and November 2020, and the procedures described herein. The scope required is described in detail in the attached Terms of Reference (TOR). Copy of the Terms of Reference (TOR) can be downloaded at www.emasion.gov.lr, www.mpw.gov.lr and iiu-mpw.org.

Expressions of Interest must be delivered to the address below by hand, mail, courier or email on or before **May 16, 2022 at 4:30 pm:**

Attn: Ministry of Public Works
Hon. James J. Reynolds
Assistant Minister Planning & Programming
Ministry of Public Works
South Lynch Street
1000 Monrovia, Liberia
Tel: 0777-004004 / 0880523691
E-mail: jjreynolds@mpw.gov.lr / tmaxsr@yahoo.com

Terms Of Reference (ToR)
Lead Project Engineer
 Project Management Unit
 Liberia Urban Resilience Project (LURP)
 Republic of Liberia

1. Background

The Liberia Urban Resilience Project (LURP) is led by the Government of Liberia through the Ministry of Public Works (MPW) and financed by the World Bank (WB) and the French Development Agency (AFD). The proposed development objective is to increase flood resilience and access to urban infrastructure in underserved neighborhoods and to improve urban infrastructure planning and management in Liberia. The project proposes 4 components:

| Number | Name | Activities | W B Financing | AFD Financing |
|-------------|---|--|-------------------|--|
| Component 1 | Climate Resilient Infrastructure and Urban Upgrading | Resilient infrastructure for climate risk management | US\$30-32 million | ~US\$9 million (for Neighbourhood upgrading) |
| | | Neighbourhood and market upgrading | | |
| Component 2 | Strengthening Integrated Resilient Urban Development Capacity | Laws/regulations, codes and permitting processes | US\$4-6 million | ~US\$1.1 million (for strengthening Operation and maintenance and risks management capacities) |
| | | Climate Resilient Spatial Development Plan for Greater Monrovia | | |
| | | Revenue mobilization and financial sustainability | | |
| | | Operations and maintenance of infrastructure (O&M) | | |
| Component 3 | Contingency Emergency Response Component (CERC) | The CERC is a zero-sum component that allows for the rapid reallocation of un-disbursed IDA funding for situations of urgent need in response to a natural disaster or crisis that has caused, or is likely to | US\$0 million | N/A |

| | | | | |
|-------------|--------------------|---|---------------|------------------|
| | | imminently cause, a major adverse economic and/or social impact. | | |
| Component 4 | Project Management | Project coordination; procurement; financial management; safeguards; M&E; operational costs; etc. | US\$4 million | ~US\$1.1 million |

AFD-financed activities will provide basic services to local communities exposed to poor living conditions and high levels of vulnerability to climate change under Component 1, through the development of secondary and tertiary infrastructure in targeted neighborhoods and communities. Works will include three types of investments: roads rehabilitation including pathways, drainage, lighting points and trees; water kiosks; and public spaces gathering different services (playgrounds, sports grounds, library, community hall, restrooms). Neighborhoods for interventions will be selected based on criteria agreed between the stakeholders and the funding agency are Lakpazee (Monrovia Community Council area), Woodcamp (Paynesville community council area) and Shoe Factory (Gardnersville township area).

WB-financed activities are focused on climate and flood resilience. Activities will include rehabilitating/upgrading/constructing drainage infrastructure in densely populated areas, and implementing blue-green-grey infrastructure, beyond traditional concrete drainage, such as protected green water retention areas, permeable paving, and rainwater capture. A feasibility and design study will confirm the specific geographic and technical scope of the investments. These will include areas of interest within Liberia, as well as, two sites in Monrovia City Corporation jurisdiction: (i) Northern Bushrod Island, and (ii) Central Business District (CBD), and two in Paynesville City Corporation jurisdiction, including (iii) Omega Market area, and (iv) South eastern Paynesville. In the target areas where climate resilience interventions are envisaged, a small portion of the budget will be used for associated resilient upgrading interventions activities to support improvements in living conditions and access to public services.

In addition, the project will support the strengthening of integrated resilient urban development capacity through four major areas of support including (i) Laws/regulations, codes, and permitting processes; (ii) climate resilient spatial development plan for Greater Monrovia; (iii) revenue mobilization and

financial sustainability; and (iv) operations and maintenance of flood management infrastructure.

Both phases of the project will be implemented simultaneously but with different schedules due to reporting and administrative issues. The WB through its IDA financing has provided US\$40.0 million for this project while the French Development Agency (AFD) will provide co-financing in the amount of EUR10.0 million (US\$11.3 million). A parallel financing arrangement will be used, whereby the two development partners will finance their respective activities separately, while using the same umbrella program framework and the same implementation arrangements, including the use of the same Project Implementation Manual (PIM) and Project Management Unit (PMU).

The project will be implemented through a PMU, hosted by MPW comprised of the following profiles:

1. Project Coordinator
2. Lead Civil engineer
3. Civil engineer
4. Environmental Specialist
5. Social Safeguards & Gender Specialist
6. Communications & Community Engagement Specialist
7. Senior Procurement Specialist
8. Procurement Specialist
9. Financial Management Officer
10. Junior IT & digital communication specialist

The financial management aspects of the Project will be managed by a Project Financial Management Unit (PFMU) hosted by the Ministry of Finance, Planning and Economic Development while the PMU will provide operational support for financial transactions of the project.

2. Scope of Works

This project requires contracting a Local Consultant to be the **Lead Project Engineer/ Deputy Head of the PMU** to assist with the scheduling, planning, forecasting, resourcing, and managing technical activities to ensure project accuracy and quality. The **Lead Project Engineer** will be particularly responsible for the engineering and technical disciplines of all project activities and will establish inspection criteria and monitoring for the proper implementation of all the elements of the project for the Project Management Unit. He shall assist the Project Coordinator in the management of the PMU and reports to the Project Coordinator.

3. Project Lead Engineer Responsibilities:

- Preparing, scheduling, coordinating, and monitoring of assigned engineering projects.
- Guide surveys, studies and other civil works by Consultants/Contractors for the project related to designing of structures, hydrological and hydraulic investigations, implementation of works, etc.
- Assigning responsibilities to the most capable employees and monitoring the project team.
- Identifying and validating of the needs for technical assistance for the project and to the PMU
- Interacting with donors, stakeholders' municipalities and townships, interpreting their needs and requirements, and representing them in the field and relevant documents.
- Performing quality control tasks on budgets, schedules, plans, and personnel performance and reporting on the project's status.
- Cooperating and communicating and supporting the Project Coordinator in the effective daily management of the PMU as well as collaborating with other colleagues to create more efficient project methods and to ensure the project's deliverables are met.
- Site supervision and reviewing the engineering tasks and initiating the necessary corrective actions and recommend payments to Consultants and Contractors in compliance with the contract; and proceed to recommend final payment.
- Ensure that contractors are deliver their work in line with the contract, BOQ, technical specifications and on time, in line with an approved program of works.
- Coordinate closely with the environmental and social PMU team to ensure that contractors deliver their work in line with the standards laid out under the environmental and social instruments, such as the Labor Management Plan (LMP), Resettlement Action Plan (RAP), Environmental and Social Management Plan (ESMP), Environmental and Social Assessment (ESIA), COVID-19 prevention and Preparedness Plan, and Contractor Environmental Social Management Plan (C-ESMP) and Traffic Management Plan (TMP).
- Developing specifications, term of references and scope of works for required project needs including consultants, technicians and equipment.
- Review outputs of consultants and coordinate technical feedback to the consultants, including feasibility and designs of infrastructure works, to ensure the quality of the work is in line with the TORs and of a high quality standard, prior to submitting to WB or AFD for review and approval.

- Creating frameworks to measure the project's metrics and data collection.
- Establishing field test methods and methods for monitoring the quality of those tests.
- Ensuring the project's compliance with the applicable codes, practices, policies, performance standards, and specifications of the Bank and Engineering Standards of the Ministry.
- Serve as interim Head / Project Manager of the PMU in the absence of the Project Manager with the acquiescence of the Project Steering Committee, WB and AfD.

4. Required Qualifications:

The person suitable for this position should have the following qualifications:

- A Master's degree in Civil Engineering or Urban Planning with Hydrological/Hydraulic Engineering degree/ certificate as an added advantage;
- Minimum 15 years of experience as a civil engineer with at least 5 years' experience in similar capacity as being applied for.
- Experience in hydrological/hydraulic engineering in urban environments with demonstrated responsibilities in implementing urban drainage and neighborhood upgrading projects.
- Experience in procurement of works and consultancies associated with the implementation of projects financed by the World Bank or other international financing institutions will be considered an advantage.
- Excellent computer literacy skills and project management soft wares including Microsoft Project, AutoCAD or other design and visualization softwares.
- The ability to work with multiple discipline projects.
- Excellent project management and supervision skills.
- Excellent organizational, time management, leadership, and decision-making skills.
- Strong written and verbal communication skills.
- Knowledge of applicable codes, policies, standards, and best practices.
- Basic operations, services and activities of assigned engineering program.
- Principles and practices of contract administration, negotiation and management techniques. Principles and practices of structural engineering and architecture.
- Principles and practices of engineering pertaining to design and construction of drainages, specifications, and estimates.

- Drafting techniques and computer aided drafting (CAD) systems. Geographic information system (GIS) software.
- Research methods and sources of information related to assigned area of work. Procedures, methods and techniques of budget preparation and control.

5. Reporting

- a. Monthly progress reports: The Consultant shall prepare concise Monthly Progress Reports covering progress towards achieving the objectives in this ToR as well as identified areas of weaknesses and strategies for improvement of all engineering related activities. The reports shall provide a brief but comprehensive end-of-month progress assessment. Tabulated representations of the work program, details of impediment to the performance and proposals for overcoming them. These reports shall be submitted within or not later than the 7th day of the first week of the succeeding month. The report will be assessed and appraised by the Project Coordinator.
- b. Quarterly Progress Reports: These reports shall make use of the information previously reported monthly, but suitably modified to include, summarize, and draw conclusions on all pertinent issues concerning the assignment. In addition, the Quarterly Progress Reports shall summarize the Consultant's activities, with solutions adopted, and any other relevant information considered necessary in respect of the services delivery. Each of these reports shall be submitted not later than the 7th day of the first month of the following quarter.
- c. A draft final report within the last week of the second-to-last month of the assignment for review by the development partner and the project steering committee.
- d. A final report within the last week of the assignment.

6. Contract Duration:

The contract duration will be for a period of one year (12 months), with a probation period of three months, upon which it can be renewed based on satisfactory performance. The total project duration is expected to be for six years (72 months) based upon project needs and available budget.

7. Selection Method:

The selection method for this assignment is Individual Consultants selection (ICS). The process of selection will be in line with the relevant WB Procurement Regulations.

