

REQUEST FOR EXPRESSIONS OF INTEREST (CONSULTING SERVICES – FIRMS SELECTION)

Republic of Liberia

Project Preparatory Advance for Integrated Public Financial Management Reform Project II (IPFMRP II)

Ministry of Finance and Development Planning

Reference No.: PPA/IPFMRP-II/CQS/2.1.2

Assignment Title: Maintenance of Battery Bank and Inverter System for IFMIS Data Center and JFK Premises

The Republic of Liberia has received Financing from the Swedish International Development Cooperation Agency (SIDA), the United States Agency for International Development (USAID), the International Development Association (IDA) and the African Development Bank (AfDB) toward the cost of the Project Preparatory Advance for Integrated Public Financial Management Reform Project-II (IPFMRP-II), and it intends to apply part of the proceeds of this financing for this consulting services.

Objective of the Assignment

The objective of the assignment is to provide support and maintenance services for the battery bank and inverter system at the Data Center and JFK premises.

Scope of Services

The support and maintenance services will cover the battery bank and inverter systems at the IFMIS Data center located at Libtelco and JFK premises. The services to be rendered include, but not limited to:

1. Measure and record battery water levels and replenish water on each cell to original level with electrolyte/distilled water
2. Measure and record individual cell and string float voltages
3. Measure and record the specific gravity of each cell and bring to recommended levels where necessary
4. Clean all cells and racks, provide corrosion control where required
5. Equalize charge across all cells and batteries
6. Record temperature of electrolyte of representative pilot cells
7. Check cables connections and terminals
8. Clean poles and terminals of sulfate build-up
9. Reconnect system
10. Apply load and run system test monthly
11. Recheck cells specific gravity with loads
12. Check system parameters

The duration of the assignment is twelve (12) months.

The Ministry of Finance and Development Planning now invites eligible firms to indicate their interest in providing the Services. Interested Firms should provide information demonstrating that they have the required qualifications and relevant experience to perform the Services. The shortlisting criteria are:

- a) The firm MUST have five (5) years of experience in renewable energy sales and support.
- b) The firm must provide evidence of two prior similar support contracts over the last three years.
- c) The firm must have a physical support center and be able to stock replacement parts for the battery-inverter system.
- d) The firm must have maximum lead time of 20 days for sourcing replacement parts for stock keeping.
- e) The firm annual turnover for each of the last three years should be no less than \$200,000.00 - evidenced by copy of the audited profit and loss account/ balance sheet/ annual report of last three financial years.
- f) The firm must present CVs for two support engineers that meet the below requirements:
 - i. The first support engineer must have a Bachelor in Electrical Engineering or related fields. Have five years of practical working experience and one year with the firm. Must have also provided support on similar battery-inverter system for no less than two years.
 - ii. The second support engineer must hold a post high school diploma or certificate in any electrical discipline with minimum one year support experience. Have worked for the firm for no less than six months.

The attention of interested Consultants is drawn to paragraph 3.17 of the World Bank's Procurement Regulations for IPF Borrowers, July 2016. A firm will be selected in accordance with the Consultant's Qualification Based Selection Method set out in the Procurement Regulations for IPF Borrowers.

Further information can be obtained at the address below during office hours 0900 to 1600 hours GMT. Expressions of interest must be delivered in a written form to the address below (in person, or by mail, or by fax, or by e-mail) by 5.00 p.m. on **December 8, 2017, 2017:**

Attn: Mr. William K. Oye
PFM Reforms Coordinator
Ministry of Finance and Development Planning
Broad and Mechlin Streets
Monrovia, Liberia
E-mail: woye@mfdp.gov.lr
Cc: eozigbo@mfdp.gov.lr