



## INVITATION TO BID

### PROVISION OF ENTERPRISE SOLUTION FOR DATA CENTER FACILITY AT THE LIBERIA REVENUE AUTHORITY (LRA)

**IFB No: LRA/PROJ/NCB/001/2022**

The Liberia Revenue Authority has deemed it necessary to upgrade its existing Data Centre to Tier2 Data center standard.

The Data Centre design and upgrade is intended to enable the systems to be more fault-tolerant and necessary to ensure constant availability of mission-critical operations. When a primary component offloads tasks to a secondary component, the procedure is seamless to end users.

This exercise is to satisfy and certify the desired outcome that in the event of the systems failure at the main active device, these systems can be failed over to Redundant system available and brought online in an appreciable timeframe, maintaining data security, integrity, accessibility, and availability. This will also meet the business continuity requirement for the LRA operations.

#### **Scope of Services**

The scope of work for the upgrade of LRA existing Data Center to a Tier2 Data center includes the following:

- Environmental Monitoring System (EMS) Detection
- Electrical Installation and surge protection
- Data centre lighting system and Emergency Lighting
- Cable tray installation
- Grounding and bonding
- UTP and fiber cabling with labels
- Fire detection and suppression system, FM200
- Surveillance system
- Access control system and time attendance
- Cooling system and dehumidifier
- Raised floor system
- Wall cladding system, Security door and civil works, etc.

#### **Objectives**

The objectives of the LRA Data Center upgrade are to achieve the following:

- Upgrade the existing Data Centre facility to Tier2 Data Center standard.
- Achieve an appreciable level of DC facility upgrade, and data recoverability, accessibility, availability, integrity, and business continuity, in the event of a disaster,

or anomaly with the entire system coming online from the Redundant back-up system for LRA continuous operations.

- Satisfy the goal/objective achievability set forth by Liberia Revenue Authority (LRA) as a requirement in the project delivery.

### **Qualification and Experience of Bidder (Local):**

Bidder must possess the followings requirements:

1. Minimum of 10 years of experience in Data Center design and engineering services.
2. Must have a solid understanding of Network and Data Center cabling systems.
3. Must have built four (4) Data Center in the last 5 years.
4. Must have a valid Business Registration and Tax Clearance Certificate
5. Must be registered on the PPCC Vendors Registrar
6. Must have ability to Pre-finance the contract
7. Must provide evidence of past/current clients including contacts and emails
8. Must provide a bid security in the form of Manager Check/ Bank Guarantee (US\$1,000)

### **Professional certification:**

1. Bidder must possess professional certification on Data Center Design and Engineering.
2. Bidder must possess certification on safety health and environment (SHE certification)

### **Certification of Data Center:**

1. Bidder must provide draft of the O&M manual at the start of the project to ensure that the format and detail is fully agreed before completion.
2. Upon completion of the Data Center installation, the Data Center engineer will provide the final Operation and Maintenance (O&M) manual
3. Upon completion of the Data Center installation, the Data Center engineer will perform quality assurance test and MUST provide test results.

Data Center will be certified by a Data Center Specialists. Evidence must be provided.

### **Pre-Bid meeting/Assessment of the Data Center:**

Pre-bid meeting will be held on **May 6, 2022** to answer questions pertaining to the bidding process and assessing the current data center.

### **Bid Submission**

Bidders will be selected in accordance with procedures using the National Competitive Bidding (NCB) Procurement Method (Non-Consulting Services) and Procedures described in accordance with the Provisions of the Public Procurement and Concessions Act (PPCA) revised Sept 2010.

Interested Bidders may obtain further information at the address below from Monday to Friday, beginning April 22, 2022, between 9:30am to 3:30pm.

A complete set of bidding document in **English** may be pickup at a none refundable cost of **US\$50.00** by interested bidders at LRA Headquarters between 9:30am to 3:30pm daily.

Bid must be clearly marked "**Enterprise Solution for LRA Data Center**" and delivered to the address below (by hand or e-mail).

Bid must be submitted on or before **May 20, 2022, 3:00 p.m.** at the Liberia Revenue Authority Headquarters, ELWA Junction, Paynesville City, Liberia.

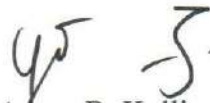
**The Procurement Section  
Liberia Revenue Authority Headquarters  
ELWA Junction  
Basement Floor Procurement Section  
Paynesville, Liberia  
Tel: 231- (0886) -676046  
E-Mail: [lovetta.johns@lra.gov.lr](mailto:lovetta.johns@lra.gov.lr)**

**Signed**



Lovetta W. J. Williams  
**Manager/Procurement Section**

**Approved**



Hon. Aaron B. Kollie  
**Deputy Comm. General for Administrative  
Affairs**

