

**LEJWELEPUTSWA DISTRICT MUNICIPALITY**

**APPOINTMENT OF A SERVICE PROVIDER FOR TELEPHONE MANAGEMENT AND DATA NETWORK SYSTEM FOR A PERIOD OF 36 MONTHS.**

**RFT 104/02/2022**

**SPECIFICATIONS**

**1. TELEPHONE SYSTEM**

\*Call centre/switch board

\*System should be able to accept the call and distribute the call to 11 Lines simultaneously (this feature is also known as call hunting) and also should support multiple IVR features.

Should install and provide the following:

\*12 X phone and hand set Yealink sip T27G

\*12 X head set wired Yealink Sip T21T

\*Switch board should also support call forwarding

\*Hand set total of 150 telephones set should be provided

\*10 X Cordless phones

\*Reception/Switch board 12 X switchboard IP phone with head set

\*Middle Managers X 20 Desktop IP phones

\*Officials X 109 Normal Desktop IP phones

\*Maintenance support for 36 months for Telephone system

**Main Building**

Telephone system should provide for 50 lines (Incoming/Outgoing)

\*9 X Trunk cables to be installed between switches

\*9 X Cisco network switch 9300 with POE 24 port

\*Point to point 5ghz wireless link/ radio from the main building to Disaster building

\*Wi-Fi device for the switch in old chamber

\*Network cable to be installed for the 2 security houses, for IP phones connection.

### **Executive Mayor Building**

1 X Cisco network switch 9300 with POE 48 port

### **LED Building**

1 X Cisco network switch 9300 with POE 24 port

### **Archive Building**

1 X Cisco network switch 9300 with POE 24 port

### **Disaster Building**

2 X Trunk cables to be installed between switches

2 X Cisco network switch 9300 with POE 48 port

## **2. INTERNET SERVICES/DATA NETWORK**

1 to 1 ratio non-contended up to 100 Mbps layer 3-line wireless link, with no usage policy.

Router that supports layer 2/3 commands, in line with OSI model. The router should support the following features:

- Ticketing system
- Traffic management
- Security and definition of security
- The router should be able to provide NAT or proxy on either private and public IP address that are located to the District Municipality.
- The router should also have the capacity of scanning and filter emails.
- MAC Address filtering it should be also support blacklist and whitelist filtering on MAC address and IP address.
- The router should also manage speed at IP level "Manage QoS = Quality Of Service".

### **Main Building and Disaster Building**

\*2 X Wi-Fi hotspots in each building

\*M2 rocket Omni's "2.4GHz" in each building

### **Disaster Building**

Nano station M2 2.4GHz

### **Training**

4 X Lejweleputswa Employees should be provided with adequate training for the solution that is to be procured.

### Payment Terms

\*Rental per month should be clearly specified, rental over a prescribed period should also be clearly stipulated.

\*All the different cost should be clearly stipulated.

### Important Notes

- Network switch supply, install and configure.
- Qualification of network engineers or relevant employees, must be submitted. (Service provider should submit qualification for the Network IT related qualification/certification and CV's)
- Service provider should submit previous reliable references.
- **Compulsory site visit will be on the 24th of February 2022 at 10H00 at Lejweleputswa District Municipality.**

### EVALUATION CRITERIA

#### **EVALUATION OF TENDERS ON QUALITY/FUNCTIONALITY**

The procedure for the evaluation of responsive tenders is Method 2: Functionality, Price and Preference. In the case of a functionality;

- Score functionality, rejecting all tender offers that fail to achieve the minimum number of points for functionality.
- No tender must be regarded as an acceptable tender if it fails to achieve the minimum qualifying score for functionality as indicated in the tender invitation.

The criterion for evaluating the functionality points was based on the following;

Key Personnel	: 50
Similar Work Experience	: 30
Locality	: 20

The breakdown of the functionality scoring is provided in the table below:

Evaluation Criteria		Points Allocation
<b>Key Personnel</b>		<b>50</b>
TEAM LEADER (Network Engineer or related)	1. CV with correct training and experience	10
	2. Proof of relevant qualification	10
IT Technician	1. CV with correct training and experience	5
	2. Proof of relevant qualification	10
IT Technician	1. CV with correct training and experience	5
	2. Proof of relevant qualification	10
<b>Similar Work Experience</b>		<b>30</b>
Number of similar projects complete ( <b>Attach Completion Letter</b> )		10 for each completed
<b>Locality</b>		<b>20</b>
Within Lejweleputswa District Area		20
Within Free State Area		15
Within RSA		5
<b>TOTAL</b>		<b>100</b>

- Tenders that have achieved the minimum qualification score of **70 points** for functionality must be evaluated further in terms of the preference points system.