Independent Communications Authority of South Africa
Pinmill Farm, 164 Katherine Street, Sandton
Private Bag X10002, Sandton, 2146

THE SPECIFICATIONS FOR SERVER ROOM RITTAL RACKS OR EQUIVALENT AND RELOCATION OF EXISTING RITTAL RACKS FROM SANDTON TO CENTURION AS WELL AS THE ADVERTISEMENT OF A NEW BID FOR A SHORTER PERIOD OF 16 CALENDAR DAYS.

1. **Background and Scope**

    With ICASA Head Office relocating to Centurion, the plan is to minimise any system downtime to less than 24 hours by having much of the IT infrastructure in place and working prior to the move. If all existing IT infrastructure is moved to the new site, the estimated system downtime will be 3-5 days.

    The intention is to purchase datacentre racks that include access control, fire suppression and cooling systems to provide additional security of our data on the servers. Also, due to the number of patch rooms at the new site, one additional cabling rack is included. Furthermore, it is required that the service provider dismantles the 6 existing cabling racks at the Sandton office, transport these to the new site and re-assemble these racks, one in each patch room at the new building. This is required as the cabling racks are too wide to fit through normal sized doors (both at Sandton as well as the patch room doors in Centurion).

2. **Specifications**

    The terms of reference / specifications for the rack enclosures that are specifically designed to host IT Infrastructure are as follows:

    1. 5 x TSIT Enclosures, 600/800 x 2000 x 1200. All 5 racks must be stacked (joined) together). All accessories for air flow and cable management must be included (for the server room).
    2. 1 x TSIT Enclosures, 800 x 1200 x 1000 (for the patch room)
    3. 2 x 20kW in rack precision cooling system. The design must also cater for the unorthodox airflow of the core and distribution network switches.
    4. A built-in fire suppression and detection system designed for the Data Center. This unit must integrate into the monitoring solution for added security.

5. A centralised monitoring system that will ensure that no unauthorised access is possible to the equipment in the Data Center. i.e keypad authentication to open individual doors as required.

6. All environmental aspects must be monitored, and all alerts or notifications must be communicated via email or sms. This includes alerts from UPS and generator.

7. Doors should automatically open at least 90 degrees if temperature within the rack exceeds a predetermined threshold. (Reason – If aircon in rack fails after hours, we will not have enough time to get to site to open door for ventilation)

Additional Requirements

- Relocation of 5 RITTAL patch racks from Sandton to Centurion. This must include dismantling the existing racks, transporting to the new site and reassembling as the existing racks will not fit through the doors.

Delivery and installation of the new racks in the new site must be completed by 15 October 2018.

3. **Briefing Session**

There will be no briefing session.

4. **Evaluation of the Bids**

The received bids will be evaluated on the 80/20 procurement principle as per the Supply Chain Management Policy and the relevant Treasury Regulations. The following evaluation approach will be applied:

- Phase 1 will be the screening of mandatory documents, ensuring compliance thereof and evaluation of specific goals.
- Phase 2 will be evaluation on price and BBBEE.

Functionality Evaluation Criteria	Weights	Scoring Criteria
Provide a minimum of 3 Customer references where similar services have been rendered successfully. Provide a physical address, contact numbers(s) and email address of references.	20	1 = No response 2 = 1 customer reference 3 = 2 customer references 4 = 3 customer references 5 = 3+ customer references
Provide certificate from OEM confirming that service provider is certified to supply and install equipment	10	1 = no certification 5 = Relevant certification
Conformance to the 7 specifications	70	0 = 6 or less specifications met 5 = All 7 specifications met
Total	**100**	**Minimum threshold is 80**