



## Request for Quotation (RFQ) for the supply of LAN Cabling Reticulation at Entabeni for the CSIR

**CSIR RFQ No. 5300/22/02/2018**

Date of issue:	05 February 2018
<b>Compulsory</b> briefing session and Venue:	Tuesday, 13 <sup>th</sup> February 2018 at 11H00 – 12:30 CSIR ICC Entrance, South Gate 1 - Entabeni accommodation area, Meiring Naude Road, Pretoria. Parking area next to single quarters opposite ICC.
<b>Closing Date and Time :</b>	<b>Thursday, 22<sup>nd</sup> February 2018 @ 16:30</b>
Contact details	Submission of quotations or any other enquiries is via email to: <a href="mailto:tender@csir.co.za">tender@csir.co.za</a>
Category	Computer Equipment - Cabling
CSIR Business Hours	08:00 – 16:30

### 1 INVITATION FOR QUOTATION

Supply network cabling reticulation between the respective houses and single quarters as well as the administration office. Supply LAN points within the respective houses, and single quarter rooms.

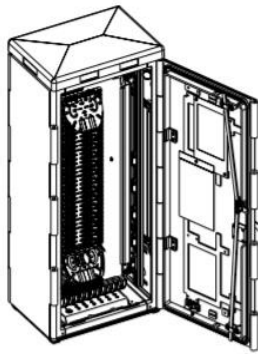
### 2 QUOTATION REQUIREMENTS

2.1. Supply and install 450m (50mm Bosal galvanized pipe) as the main perimeter feed. All bends, connectors etc, **to be included**.

- Trench 170m soft soil and re-instate
- Cut, trench and re-instate 1m concrete pavement next to single quarter
- Cut, trench and re-instate 2m footpaths
- Supply and install 220m (32mm Bosal galvanized pipe) from the perimeter feed to the respective houses and single quarter. All bends, connectors etc, to be included.

- 2.2. Supply and install 4 street boxes i.e. Smart Cabin UNI4-310 as supplied by Dartcom and other suppliers. Example below

### Smart cabin UNI4-310



#### Features

- Separated areas for splice and cable management
- 24 ACS positions for highest splice concentration and best modularity
- High packing density for 48 Ø 7 mm micro tubes
- CRC \* enabled to connect incoming tubes
- Turnable cassette area up front with magnetic fixation for optimised access
- Loose tube storage
- Reliable cabinet technology from SICHERT
- Universal cable entry plate

- 2.3. Supply and install 100m x 12 core underground single mode fiber optic cabling to street box 4. Splice 4 legs to LC termination onto 24 port SM fiber optic patch panel 1. Splice 4 legs to LC termination onto 12 port SM fiber optic patch panel inside street box 4. Include all sundries, pigtails etc.
- 2.4. Supply and install 225m x 24 core underground single mode fiber optic cabling to street box 3. Splice 12 legs to LC termination onto 24 port SM fiber optic patch panel 1. Splice 12 legs to LC termination onto 12 port SM fiber optic patch panel inside street box 3. Include all sundries, pigtails etc.
- 2.5. Supply and install 370m x 24 core underground single mode fiber optic cabling to street box 2. Splice 16 legs to LC termination onto 24 port SM fiber optic patch panel 2. Splice 16 legs to LC termination onto 12 port SM fiber optic patch panel inside street box 2. Include all sundries, pigtails etc.
- 2.6. Supply and install 450m x 24 core underground single mode fiber optic cabling to street box 1. Splice 16 legs to LC termination onto 24 port SM fiber optic patch panel 3. Splice 16 legs to LC termination onto 12 port SM fiber optic patch panel inside street box 1. Include all sundries, pigtails etc.

2.7. Supply and install the following ruggedized 4 core SM LC terminated fiber optic fly leads

- 4x 40m 4 core SM LC ruggedized fly lead
- 3x 60m 4 core SM LC ruggedized fly lead
- 4x 30m 4 core SM LC ruggedized fly lead
- 1x 70m 4 core SM LC ruggedized fly lead
- 1x 50m 4 core SM LC ruggedized fly lead
- 1x 20m 4 core SM LC ruggedized fly lead

2.8. Supply and install 24x CAT6a UTP points avg 8m per point(houses) 4x CAT6a for office avg 8m per point, and 13x CAT6a for single quarters avg 50m per point. (No CAT6a patch panels required for houses or office. All house points are fly leads terminated in dual point termination wall boxes. i.e (1 x dual point per house x 12, as well as 2 x dual boxes for office, single quarter 1 x single point per room and 1 x single point in kitchen, 1x 24 port CAT6a UTP patch panel 1u required).

2.9. Supply and install 12x 3m 16mm white EGA trunk at single quarters.

2.10. Supply and install 40x CAT6a STP points. Avg distance per point is 50m terminated in single point wall termination boxes. No trunking required

2.11. Supply and install 14x junction boxes serving as entry points to houses and single quarters.

2.12. Drill 14x 32mm entry holes through standard double brick walls.

2.13. Supply and install 1x 36u, 600x 800mm floor standing black cabinet with solid side doors and perforated front and back doors. Supply 6 way 15A PDU. No plinth required. No fan module required. Castors required. All doors need to be lockable. Supply 6 x 1u long brush panels. Supply 5 x 4u black blanking plates.

- 2.14. Supply and install 1 x 6u wall mountable fixed frame cabinet with removable side panels, lockable perforated front door, white in colour wit 2 way 15A PDU. No fan module required.

**Product description with Makes and Models needs to be supplied for all the above mentioned request.**

### **3 EVALUATION CRITERIA**

- 3.1 Selection of suppliers will be based on the 80/20 preference point system.
- 3.2 Include a valid B-BBEE certificate with quotation. No B-BBEE status will equal zero points.
- 3.3 Indicate CSD number (National Treasury Central Supplier Database) on quotation. If not registered yet on CSD, use [www.csd.gov.za](http://www.csd.gov.za) to register.
- 3.4 No order will be issued or no contract will be signed without a valid CSD number.
- 3.5 Deviation from principal requirements will result in disqualification.**
- 3.6 Supplier to provide minimum three (3) references where similar work was done within the last five years.**

### **4 PRICING QUOTATION**

- 4.1 **Price needs to be provided in South African Rand (excl. VAT), with details on price elements that are subject to escalation and exchange rate fluctuations clearly indicated.** For VAT registered bidders, the VAT component and the total price including VAT should be clearly indicated.
- 4.2 Price should include additional cost elements such as freight, insurance until acceptance, duty where applicable, etc.
- 4.3 Payment will be according to the CSIR Payment Terms and Conditions

## **5 OTHER TERMS AND CONDITIONS**

- 5.1 The supplier shall under no circumstances offer, promise or make any gift, payment, loan, reward, inducement, benefit or other advantage, which may be construed as being made to solicit any favour, to any CSIR employee or its representatives. Such an act shall constitute a material breach of the Agreement and the CSIR shall be entitled to terminate the Agreement forthwith, without prejudice to any of its rights.
- 5.2 A validity period of 90 days will apply to all quotations except where indicated differently on the quote.

**6 No goods and/or services should be delivered to the CSIR without an official CSIR Purchase order. CSIR purchase order number must be quoted on the invoice. Invoices without CSIR purchase order numbers will be returned to supplier.**

**7 Note: This is not a Purchase Order.**