



in the footprints ●●●

NELSON MANDELA MUSEUM

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Department of Arts and Culture

15 June 2018

ICT INFRASTRUCTURE SPECIFICATION- PHASE 1

1. INTRODUCTION

The Nelson Mandela Museum (NMM) operating in two sites, namely Bhunga Building and Nelson Mandela Youth & Heritage Centre in Qunu has a dynamic and enviable opportunity to serve South Africa, as a steward of a living legacy, to share and learn the true story of Nelson Mandela in context, in ways that inspire and empower people.

2. ASSIGNMENT OBJECTIVE

Nelson Mandela Museum invites suitably qualified, professional, experienced and competent ICT service providers by demonstrating technical and project management skills to submit detailed quotations for the **Data Cabling bid**. Overall cabling has to be cat 6 Krone or Molex Structured Cabling. All cables need to be tested and certified according to standard. The specification for this request is as set out below;

BASEMENT:

- 1 x 9U Cabinet
- 1 x Patch Panel
- 1 x Brush Panel
- 1 x 24 Port Managed Switch, PoE
- 2 x Network points – Cat6
- 2 x Patch Cords
- 2 x Fly Leads

GROUND FLOOR

Main Building – Back and Upstairs

- 30 x Network Points – Cat6
- 30 x Patch cords

- 30 x Fly Leads
- 1 x 48 Port Managed switch, PoE
- 1 x 42U Network Cabinet – Perforated Back and Front door with the following;
 - 1 Meter Depth with Plinth
 - 300mm Wire Tray 3M Length
 - 4 Way fans
 - 10 Way power units
 - Earth Bar
 - Cable Loom Saddles
 - Surge Protection (2U Main Unit)
 - 1 x M6 Cage nut kit (96 x Washer, Screws and Nuts)
- 2 x Access Point
- 2 x Patch Panels
- 2 x Brush Panels

Main Building – Front

- 10 x Network Points –Cat6
- 10 x Fly Lead
- 10 x Patch
- 2 x Access Point

Finance Building

- 1 x 9u Cabinet
- 9 x Network Points
- 1 x Patch Panel
- 9 x Patch Lead
- 9 x Fly Lead
- 1 x Brush Panel
- 1 x 24 Port Managed Switch, PoE
- 1 x Access Point

Installation of 8 Core Fibre Optic Cable linking the Front of the main building and the back building (Finance Building) to the Server Room.

1 Link from the Basement to the Server Room

1 Link from Finance Building to the Server Room

3 x Fibre Trays with no face plate

4 x SFP Modules – 1GB

4 x Entry Glans

3 x 12 Port Fibre Face Plate (ST)

3 x 12 Way Splice Cassettes

16 x Splice Protectors

16 x Pigtails

16 x ST-ST Mid Couplers

4 x Fibre Patch leads – LC-ST

Functionality will be evaluated independently using the following criteria;

Value: 1=Poor; 2=Average; 3=Good; 4=Very good; 5=Excellent

| Criteria | Weight | Value | Actual Score |
|---|---------------|--|---------------------|
| Level of Experience (Projects of a similar nature) | 30 | 5 – More than five projects 4- Five projects 3- Four projects 2- Three projects 1- No project | |
| Methodology and Project Management (Max 5 pages) | 20 | | |
| Qualifications and Experience (Structured Cabling Certificate e.g. Krone, Molex etc) | 20 | 5- more than five years experience 3- five years experience 1- less than five yrs experience | |
| Fibre Optic Certification | 20 | 5- more than five years experience 3- five years experience 1- less than five years experience | |

| | | | |
|-------------------------------------|------------|---|-------------|
| Local Supplier (Proof of residence) | 10 | 5- OR Tambo region 3- Other regions within EC 2- Other regions outside EC Province 1- Outside SA | |
| Total | 100 | | (So) |

Functionality will further be used as the evaluation stage which will determine bidders who qualify for the next stage of evaluation, namely Price and other specific goals, with a result that any bidder who scores **less than 70 points** on functionality will be disqualified and not considered for the next stage.

PROPOSAL REQUIREMENTS

- ❖ Company profile.
- ❖ All bidders must be registered on the National Treasury central database (CSD) and attach a copy of the most recent report to your bid document.
- ❖ Original and valid and / or certified copy of B-BBEE status level certificate bearing South African National Accreditation Systems (SANAS) logo from an accredited verification agency or a DTI sworn affidavit. Failure to submit a valid B-BBEE certificate will result in zero preference points being awarded for B-BBEE.
- ❖ CVs and professional registration certificates of all involved as per evaluation criteria.
- ❖ References should be provided, as well as an indication of experience with similar projects.
- ❖ The service provider must be able to deliver within a period of fourteen days after appointment and acceptance

GENERAL

A compulsory site briefing will be held Bhunga Building, corner Nelson Mandela Drive & Owen Street on the **21st June 2018 at 11H00 a.m.**

Completed proposals with supporting documentation must be sent to this email address supplychain@nelsonmandelamuseum.org.za on or before **Thursday, 06th July 2018 at 12H00 mid-day**

ENQUIRIES

Enquiries may be directed to the following persons:

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| FOR BID ADMINISTRATION & SERVICE PROVIDER SPECIFICATIONS |
| Mr: T. MKHOHLIWE |
| Tel: 047 501 9504 |
| Email: thembile@nelsonmandelamuseum.org.za |
| SUPPLY CHAIN MANAGER |
| |
| Technical Enquiries: |
| Mr W. QUZU |
| Tel: 047 501 9524 |
| Email: wandile@nelsonmandelamuseum.org.za |
| IT SPECIALIST |
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Should the service provider have reason to believe that the Terms of Reference are structured for a particular brand or service provider, they should raise the objection in writing with the Nelson Mandela Museum within 10 days from the placement of the advert.

Mr B. Tyhulu
Chief Executive Officer

Signature:

Date: