



NORTH-EAST CORRIDOR

DEPOT: Polokwane
DEPARTMENT: TELECOMS
DESIGN, SUPPLY AND INSTALL A RADIO MAST AT SCHNELLSKOP RADIO HIGH SITE IN POLOKWANE

MINUTES

Briefing Date: 27 August 2024

Item	DESCRIPTION	Responsible Person
1.0	<p><u>WELCOME</u></p> <ul style="list-style-type: none"> ➤ Mr. Nhlakanipho Mbuyane welcomed everyone. 	Nhlakanipho Mbuyane
2.0	<p><u>SAFETY BRIEF</u></p> <ul style="list-style-type: none"> ➤ The safety drill was conducted by Malerato Rachoene 	Malerato Rachoene
3.0	<p><u>OPENING REMARKS:</u></p> <ul style="list-style-type: none"> ➤ Mr. Nhlakanipho Mbuyane welcomed everyone and declared the meeting officially opened and asked all members to sign the attendance register. 	Nhlakanipho Mbuyane
4.0	<p><u>PURPOSE OF THE MEETING</u></p> <ul style="list-style-type: none"> ➤ The purpose of meeting was to align and clarify the scope of work between Transnet representatives and contractors. 	Nhlakanipho Mbuyane
5.0	<p><u>DISCUSSION</u></p> <p>Commercial Aspects –</p> <ul style="list-style-type: none"> ➤ It was indicated that the Issue date of the RFQ was on 19 August 2024 and the closing date for submission of the RFQ will be 06 September 2024 at 10:00 AM. It was emphasized to the Bidders that late submission will not be accepted. ➤ The Guidelines for submission of the RFQ Document is stated on page 2 of 5 of the Tender Notice and Invitation under Item 2 (Tender submission). It was also emphasized that the submission must be only on electronic and hand submission is prohibited (not accepted). 	Nhlakanipho Mbuyane

- The Contractors were informed to read and be aware of Transnet's **Annexure C Standard Conditions of Tender** of CIDB.
- The Contractors were informed to read and be aware of Transnet's **Disclaimers** on page 3 of 5 of the Tender Notice and Invitation.
- The Contractors were informed that only those Tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

Stage One - Eligibility with regards to attendance at the compulsory clarification meeting:

Certificate of attendance at tender clarification and site meeting (completed and signed by Transnet representatives) and also ensure that they submit the Certificate of attendance when submitting their Bid.

The Contractors were informed that any tenderer that fails to meet the stipulated eligibility criteria will be regarded as an unacceptable tender.

Stage Two - Eligibility in terms of the Construction Industry Development Board:

A tenderer must submit an active and valid CIDB contractor grading of **4CE or 4GB or higher class**

The Contractors were informed that any tenderer that fails to meet the stipulated eligibility criteria will be regarded as an unacceptable tender.

Stage Three - Functionality:

Bidders were informed that only those tenderers who obtain the minimum qualifying score for functionality will be evaluated further in terms of price and the applicable preference point system. The minimum qualifying for score for functionality is **70 points**

The Contractors were informed of the functionality criteria and maximum score in respect of each of the criteria.

Evaluation Schedule: T2.2.3 Technical Compliance

Evaluation Schedule: T2.2.4 Management & CV's of Key Personnel

Evaluation Schedule: T2.2.5 Previous experience

Nhlakanipho Mbuyane

The Contractors were informed to take into account the scoring matrix which explains how functionality will be evaluated and which returnable documents are required.

Contractors were informed that Only tenders that achieve the minimum qualifying score for functionality will be evaluated further in accordance with the price and specific goals.

Technical.

General

- Items discussed on-site and recorded in these minutes shall form part of the tender price submission.
- Amendments to the Bill of Quantities will be made and the Bill of Quantities that will be attached with these minutes shall be used as an official Bill of Quantities.
- The civil work includes Site Clearance, Survey, Setting Out Details & Levels.

Work Packages

Mast

- Construct a new concrete base for the tower.
- Fabrication of all structural steel work.
- Galvanising and painting steel structure (paint: red and white - mast supplier's painting specification).
- Construction/ erection of a 25-metre steel tower with a DC powered navigation light on top.
- Note: Contractor to Prepare Construction/Erection Method Statement – Site location, Safety requirements, Base plate arrangement.
- Note: Contractor to Prepare Shop Drawings/Details – Prior to fabrication (After Award)

Access Stairway

- TFR has provided a proposed footpath design that will be used by maintenance staff to walk uphill to the site location, this proposal involves cutting or breaking the rock (drawing number VR2A1AA-4-111-C-DE-0001-03-A); however, the bidders are invited to submit for consideration to TFR an alternative footpath design.
- Note: Bidders should provide a quote for TFR's proposed footpath design and another quote for their proposed alternative footpath design.

Nhlakanipho Mbuyane

Mohamed Fadal/
Bongiwe Senna

Fence

- Supply and install a 2,4 m high hot dipped galvanized steel palisade fence with a pedestrian gate.
- The palisade fence shall enclose the area depicted in the drawing (VR2A1AA-4-111-C-DE-0001-01-A).

External Radio Frequency Work (RF Work)**Antenna**

- Supply & install one 4 Stack UHF Dipole (N–Type Male Termination).
- Supply & install one Collinear Antenna (N–Type Male Termination); a Sinclair Collinear Antenna has been approved for TFR use; bidders are allowed to submit any equivalent antenna for testing and approval by TFR.
- Supply & install one Yagi Antenna (9dB Gain; N – Type Male Termination).
- The antennas shall be supplied with mounting brackets

Feeder Cables

- Install the antenna feeder cable (7/8” heliax); this shall also include connectors, earth kit and lightning protection,
- All connections must be waterproofed and apply a ‘denso’ paste on all earth points,
- Install earth kit on the feeder cables before every ben on the gantry.
- G Clamps with Polyprop cable clamps at 1 m intervals shall be used to secure the feeder cable
- on the mast.

Cable Gantry

- Supply and install a double-sided gantry with adequate support (304 mm) from the shelter extending 2 meters up the mast.
- The cover for the gantry shall be secured with special bracket used to secure the gantry which has been specified by the gantry supplier.
- Supply and install stainless steel thread bar and Polyprop clamps to secure the feeder cables inside the gantry.
- Supply and install a new cable entry plate on the equipment housing (container).
- A picture of a typical gantry was shown to the bidders.

Mohamed Fadal/
Bongiwe Senna

Mohamed Fadal/
Bongiwe Senna

	<p>Earthing Scope</p> <ul style="list-style-type: none"> ➤ Protection against Lightning - Earthing ➤ The contractor is required to design, supply and install all lightning protection requirements on the 25m steel tower, and all electrical and electronic systems installed within the tower. <p>Applicable standards but not limited to:</p> <ul style="list-style-type: none"> ➤ SANS 62305-3 deals with the protection measures to reduce the risk of physical damage and life hazard, but does not cover the protection of electrical and electronic systems within structures and, ➤ SANS 62305-4 covers the covers the protection of electrical and electronic systems within structures. ➤ Transnet spec: MAN-00009 VER.3 <p>Bill of Quantities</p> <ul style="list-style-type: none"> ➤ The Contractors were taken through the BOQ by Pelane Mphahlele ➤ Pelane Mphahlele advised the Contractors that they should price on all items on the BOQ. <p>Site Visit</p> <ul style="list-style-type: none"> ➤ The contractors were taken to Schnellskop radio high site and shown where the must build the access stairway and install the radio mast. 	<p>Mohamed Fadal/ Bongiwe Senna</p> <p>Pelane Mphahlele</p>
5.0	<p><u>General:</u></p> <ul style="list-style-type: none"> ➤ In the absence of questions, Contractors were informed that an addendum will be posted on the website. 	<p>Mohamed Fadal Bongiwe Senna</p>
6.0	<p><u>CLOSING.</u></p> <ul style="list-style-type: none"> ➤ Nhlakanipho Mbuyane thanked everyone for their presence and declared meeting officially closed. 	<p>Nhlakanipho Mbuyane</p>

Compiled by: Nhlakanipho Mbuyane and Bongiwe Senna