



TRANSNET FREIGHT RAIL

an Operating Division of **TRANSNET SOC LTD**

[Registration No. 1990/000900/30]

REQUEST FOR PROPOSAL [RFP]

RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

RFP NUMBER: HOAC-HO-8855
ISSUE DATE: 16 JULY 2012
CLOSING DATE: 14 AUG UST 2012
CLOSING TIME: 10:00
BID VALIDITY PERIOD: 90 days

SCHEDULE OF BID DOCUMENTS

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LIST OF ACRONYMS

B-BBEE	Broad-Based Black Economic Empowerment
CD	Compact/computer disc
DAC	Divisional Acquisition Council
DPE	Department of Public Enterprises
DTI	Department of Trade and Industry
EME	Exempted Micro Enterprise
FRC	Further Recognition Criteria
GBC	General Bid Conditions
ID	Identity Document
JV	Joint Venture
LOI	Letter of Intent
NDA	Non-Disclosure Agreement
NGP	New Growth Path
OD	Transnet Operating Division
PTN	Post-Tender Negotiations
QSE	Qualifying Small Enterprise
RFP	Request for Proposal
SD	Supplier Development
SME	Small Medium Enterprise
SOC	State Owned Company
ST&C	Standard Terms and Conditions
TFRAC	Transnet Freight Rail Acquisition Council
TCO	Total Cost of Ownership
VAT	Value-Added Tax
ZAR	South African Rand

RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 1: NOTICE TO BIDDERS

1 PROPOSAL REQUEST

Responses to this RFP [hereinafter referred to as a **Proposal**] are requested from persons, companies, close corporations or enterprises [hereinafter referred to as an **Entity** or **Respondent**] to supply the aforementioned requirement(s) to Transnet.

On or after 02 July 2012, the RFP documents may be inspected at, and are obtainable from the office of the Secretariat, Inyanda No 1, Ground Floor, 21 Wellington Road, Parktown, Johannesburg, on payment of an amount of R500.00 (inclusive of VAT) per set. Payment is to be made as follows:

Bank:	Standard Bank
Account Number:	00 237 3963
Branch:	Braamfontein
Branch code:	004805
Account Name:	Transnet Limited Head Office
Reference:	HOAC-HO-8855

NOTES –

- a) This amount is not refundable.
- b) A receipt for such payment made must be presented when collecting the RFP documents and submitted with your Proposal.

RFP documents will only be available until 10h00 on 23 July 2012.

Any additional information or clarification will be faxed or emailed to all Respondents, if necessary.

2 FORMAL BRIEFING

Compulsory site visits will be conducted over a period of 6 days (30th July 2012 to 04 August 2012), and all respondents are expected to meet at Sentrtrand Depot at 07:30 AM.

Refer to attached Briefing Session Itinerary on SECTION 14 of this RFP.

Access to some of the sites is difficult and will require a 4X4 type vehicle.

For Direction you can contact Bongwe Senna at 083 746 3909

- 2.1 A Certificate of Attendance in the form set out in Section 14 hereto must be completed and submitted with your Proposal.
- 2.2 Respondents without a valid RFP document in their possession will not be allowed to attend the RFP briefing.
- 2.3 The briefing session will start punctually at 13h00 and information will not be repeated for the benefit of Respondents arriving late.

3 PROPOSAL SUBMISSION

Proposals **in duplicate plus copy** must reach the Secretary, Transnet Freight Rail, Acquisition Council before the closing hour on the date shown below, and must be enclosed in a sealed envelope which must have inscribed on the outside:

RFP No: HOAC-HO-8855
 Description: MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO
 HIGH SITES FOR NATAL MAINLINE
 Closing date and time: 14 AUGUST 2012
 Closing address: [Refer options in paragraph 4 below]

4 DELIVERY INSTRUCTIONS FOR RFP

4.1 Delivery by hand

4.2 If delivered by hand, the envelope is to be deposited in the Transnet tender box which is located at Inyanda No 1, Ground Floor, 21 Wellington Road, Parktown, and should be addressed as follows:

**THE CHAIRPERSON
 TRANSNET FREIGHT RAIL
 ACQUISITION COUNCIL
 GROUND FLOOR
 TENDER BOX
 Inyanda House 1
 21 Wellington Road
 Parktown**

The measurements of the "tender slot" are 400mm wide x 100mm high, and Respondents must please ensure that response documents or files are not larger than the above dimensions. Responses which are too bulky [i.e. more than 100mm thick] must be split into two or more files, and placed in separate envelopes, each such envelope to be addressed as required in paragraph 3 above.

a) It should also be noted that the above tender box is located inside the main entrance in 21 Wellington Road to the public 24 hours a day, 7 days a week.

4.3 Dispatch by courier

If dispatched by courier, the envelope must be addressed as follows and delivered to the Office of The Secretary, Transnet Freight Rail Acquisition Council and a signature obtained from that Office.

**THE CHAIRPERSON
 TRANSNET FREIGHT RAIL
 ACQUISITION COUNCIL
 GROUND FLOOR
 21 WELLINGTON ROAD
 PARKTOWN**

4.4 Please note that this RFP closes punctually at 10:00 on Tuesday, 14 August 2012.

4.5 If responses are not delivered as stipulated herein, such responses will not be considered and will be treated as "UNRESPONSIVE."

- 4.6 No email or facsimile responses will be considered, unless otherwise stated herein.
- 4.7 The responses to this RFP will be opened as soon as practicable after the expiry of the time advertised for receiving them.
- 4.8 Transnet shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Proposals / information received, i.e. pricing, delivery, etc. The names and locations of the Respondents will be divulged to other Respondents upon request.
- 4.9 Envelopes must not contain documents relating to any RFP other than that shown on the envelope. All envelopes must reflect the return address of the Respondent on the reverse side.
- 4.10 No slips are to be attached to the response documents. Any additional conditions must be embodied in an accompanying letter. Subject only to clause 23 [*Alterations made by the Respondent to Tendered Prices*] of the General Bid Conditions, alterations, additions or deletions must not be made by the Respondent to the actual RFP documents.

5 BROAD-BASED BLACK ECONOMIC EMPOWERMENT AND SOCIO-ECONOMIC OBLIGATIONS

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it is strongly of the opinion that all South African business enterprises have an equal obligation to redress the imbalances of the past.

Transnet would therefore prefer to do business with local business enterprises who share these same values and who are prepared to contribute to meaningful B-BBEE initiatives [including, but not limited to subcontracting and Joint Ventures] as part of their tendered responses. Transnet will accordingly allow "preference" points to companies who provide a B-BBEE Accreditation Certificate. All procurement transactions will be evaluated accordingly.

Consequently, when Transnet invites prospective suppliers to submit Proposals for its various expenditure programmes, it urges Respondents [*Large Enterprises and QSE's - see below*] to have themselves accredited in compliance with the Government Gazette No 34612, Notice No. 754 dated 23 September 2011. As from 1 October 2011 valid B-BBEE Accreditation Certificates must be issued by

- a) Verification Agencies accredited by the South African National Accreditation System [**SANAS**];
or
- b) Registered auditors approved by the Independent Regulatory Board of Auditors [**IRBA**], in accordance with the approval granted by the Department of Trade and Industry.

A Verification Certificate issued must reflect the weighted points attained by the measured entity for each element of the scorecard as well as the overall B-BBEE rating.

5.1 B-BBEE Rating

Enterprises will be rated by Verification Agencies or registered auditors based on the following:

- a) **Large Enterprises** [i.e. annual turnover greater than R35 million]:
 - Rating level based on all seven elements of the B-BBEE scorecard
- b) **Qualifying Small Enterprises – QSE** [i.e. annual turnover between R5 million and R35 million]:
 - Rating based on any four of the elements of the B-BBEE scorecard

- c) **Exempted Micro Enterprises – EME** [i.e. annual turnover less than R5 million]:
- EMEs are exempted from B-BBEE accreditation
 - Automatic rating of Level 4 B-BBEE irrespective of race or ownership
 - Black ownership greater than 50% or Black Women ownership greater than 50% automatically qualify as Level 3 B-BBEE
 - EME's should provide documentary proof of annual turnover [i.e. annual financials signed off by an accounting officer] plus proof of Black ownership if Black ownership is greater than 50% and/or Black Women ownership is greater than 50%

Respondents will be required to furnish proof of the above to Transnet. [i.e. a detailed scorecard as stipulated above in respect of Large Enterprises and QSEs, or proof of turnover in respect of EMEs].

N.B. Failure to do so will result in a score of zero being allocated for B-BBEE.

Turnover: Kindly indicate your entity's annual turnover for the past year:

R. _____

All Respondents must complete and return the B-BBEE Preference Points Claim Form attached hereto as Annexure A.

5.2 Joint Ventures and Subcontractors

In addition to the above, Respondents who wish to enter into a Joint Venture with, or subcontract portions of the contract to, B-BBEE entities must state in their RFPs, the percentage of the total contract value that will be allocated to such B-BBEE entities, should they be successful in being awarded any business. A rating certificate in respect of such B-BBEE JV-partners and/or subcontractor(s), as well as a breakdown of the distribution of the aforementioned percentage must also be furnished with the RFP response to enable Transnet to evaluate in accordance with the processes outlined in the B-BBEE Preference Points Claim Form appended hereto as Annexure A.

Please note that a Respondent will not be awarded points for B-BBEE if it is indicated in its Proposal that such Respondent intends subcontracting more than 25% [twenty-five per cent] of the value of the contract to an entity that does not qualify for at least the same points that the Respondent qualifies for, unless the intended subcontractor is an EME with the capability to execute the contract.

5.3 B-BBEE Registration

In addition to the accreditation certificate, Transnet recommends that Respondents register their B-BBEE compliance and supporting documentation on the Department of Trade and Industry's [DTI] National B-BBEE IT Portal and Opportunities Network and provide Transnet with proof of registration in the form of an official B-BBEE Profile issued by the DTI.

Transnet would wish to use the DTI B-BBEE IT Portal as a data source for tracking B-BBEE compliance.

For instructions to register and obtain a DTI B-BBEE Profile go to <http://bee.thedti.gov.za>

5.4 Further Recognition Criteria

Transnet encourages its suppliers to constantly strive to improve their B-BBEE rating. Whereas Respondents will be allocated points in terms of a preference point system based on its B-BBEE

scorecard to be assessed as detailed in paragraph 5.1 above, in addition to such scoring, a further **35% [thirty five per cent]** will be allocated to a Respondent's score based on the "Further Recognition Criteria" [FRC] on an ascending scale. This will be calculated based on the extent to which the Respondent commits to meet and/or exceed the minimum compliance targets with its proposed target score to be achieved during the contract period.

Respondents are required to submit their Further Recognition Criteria with their Proposals. *[Refer Section 17 for further instructions]*

5.5 Supplier Development Initiatives

Historically in South Africa there has been a lack of investment in infrastructure, skills and capability development and an inequality in the income distribution and wealth of a significant portion of the population. There have been a number of Government initiatives developed to address these challenges. In particular, the New Growth Path [NGP] developed in 2010 aligns and builds on previous policies to ensure the achievement of Government's development objectives for South Africa.

Transnet fully endorses and supports Government's New Growth Path policy through its facilitation of Supplier Development [SD] initiatives. Hence Supplier Development Initiatives are a prerequisite for this RFP and are included in the Evaluation Criteria. *[Refer Section 18 for instructions]*

6 COMMUNICATION

Respondents are warned that a Proposal will be liable to disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer or employee of Transnet in respect of this RFP between the closing date and the date of the award of the business.

- 6.1 For specific queries relating to this RFP, a Bid Clarification Request Form should be submitted before 12:00 on 20 July 2012, substantially in the form set out in Section 12 hereto.
- 6.2 After the closing date of the RFP, a Respondent may communicate with the Secretary of the Transnet Freight Rail, Acquisition Council, at telephone number at telephone number 011 584 9486 or facsimile number 011-774-9760 on any matter relating to its RFP Proposal
- 6.3 Respondents found to be in collusion with one another will be automatically disqualified and blacklisted from doing business with Transnet in the future.

7 INSTRUCTIONS FOR COMPLETING THE RFP

- 7.1 Sign one set of documents [sign, stamp and date the bottom of each page]. This set will serve as the legal and binding copy. A duplicate set of documents is required. This second set can be a copy of the original signed Proposal.
- 7.2 Both sets of documents to be submitted to the address specified in paragraph 4 above.
- 7.3 All returnable documents listed [✓] in the Proposal Form [Section 4] must be returned with your Proposal.

8 COMPLIANCE

The successful Respondent [hereinafter referred to as the **Supplier**] shall be in full and complete compliance with any and all applicable laws and regulations.

9 ADDITIONAL NOTES

- 9.1 All returnable documents as indicated in the Proposal Form [Section 4] must be returned with the response.
- 9.2 Changes by the Respondent to its submission will not be considered after the closing date.
- 9.3 The person or persons signing the Proposal must be legally authorised by the Respondent to do so [Refer Section 6 – Signing Power, Resolution of the Board of Directors]. A list of those person(s) authorised to negotiate on your behalf [if not the authorised signatories] must also be submitted along with the Proposal together with their contact details.
- 9.4 Transnet would prefer not to do business with any agents [“middlemen”] who do not add significant value to the supply chain. In such instances Transnet will endeavour to contract directly with the overseas and / or local OEMs [Original Equipment Manufacturers].
- 9.5 Transnet may wish to visit the Respondent’s place of manufacture/workshop/premises during this RFP process.
- 9.6 Transnet reserves the right to undertake post-tender negotiations [PTN] with selected Respondents or any number of short-listed Respondents, such PTN to include, at Transnet’s option, any evaluation criteria listed in this RFP document.
- 9.7 Unless otherwise expressly stated, all Proposals furnished pursuant to this RFP shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated. Transnet reserves the right to reject any or all offers.

**FAILURE TO OBSERVE ANY OF THE AFOREMENTIONED REQUIREMENTS
MAY RESULT IN A PROPOSAL BEING REJECTED**

10 DISCLAIMERS

Respondents are hereby advised that Transnet is not committed to any course of action as a result of its issuance of this RFP and/or its receipt of a Proposal in response to it. In particular, please note that Transnet reserves the right to:

- 10.1 modify the RFP’s Goods and request Respondents to re-bid on any changes;
- 10.2 reject any Proposal which does not conform to instructions and specifications which are detailed herein;
- 10.3 disqualify Proposals submitted after the stated submission deadline;
- 10.4 not necessarily accept the lowest priced Proposal;
- 10.5 reject all Proposals, if it so decides;
- 10.6 withdraw the RFP on good cause shown;
- 10.7 award a contract in connection with this Proposal at any time after the RFP’s closing date;
- 10.8 award a contract for only a portion of the proposed Goods which are reflected in the scope of this RFP;
- 10.9 split the award of the contract between more than one Supplier; or
- 10.10 make no award of a contract.

In addition, Transnet reserves the right to exclude any Respondent from the bidding process who has been convicted of a serious breach of law during the preceding 5 [five] years, including but not limited to breaches of the Competition Act 89 of 1998. Respondents are required to indicate in Section 11 [*Breach of Law*] whether or not they have been found guilty of a serious breach of law during the past 5 [five] years.

Kindly note that Transnet will not reimburse any Respondent for any preparatory costs or other work performed in connection with this Proposal, whether or not the Respondent is awarded a contract.

11 LEGAL REVIEW

A Proposal submitted by a Respondent will be subjected to review and acceptance or rejection of its proposed contractual terms and conditions by Transnet's Legal Counsel, prior to consideration for an award of business.

**Transnet urges its clients, suppliers and the general public
to report any fraud or corruption on the part of Transnet employees to
TIP-OFFS ANONYMOUS : 0800 003 056**

“PREVIEW COPY ONLY”

RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 2: BACKGROUND, OVERVIEW AND SCOPE OF REQUIREMENTS

1 BACKGROUND

Transnet Freight Rail (TFR) is a business unit of Transnet Limited, and has a broad range of telecommunication services to ensure the safe movement of trains. Such services include, amongst others, radio communications systems which are located on strategic locations (high sites) along the railway line.

TFR has embarked on a project to upgrade the trunk radio network on the Natal Mainline (Sentrarand – Durban). The upgrade involves the building of additional radio high sites and upgrade existing radio high sites for Trunk Radio Network to improve radio coverage along the railway line.

2 EXECUTIVE OVERVIEW

Train Radio communication is used as a fallback system to signaling for train movement and authorization when signaling has failed, it is also used for general communication between the Train Control Officer (TCO) and Train Drivers. Radio communication failure affects train operations and it can cause train delays, cancellations and added operating costs. Transnet Freight Rail (TFR) requires new infrastructure and the upgrading of the existing infrastructure that houses the Radio Frequency equipment for the Natal Mainline.

The selected Supplier(s) will share in the mission and business objectives of Transnet. These mutual goals will be met by meeting contractual requirements and new challenges in an environment of teamwork, joint participation, flexibility, innovation and open communications. In this spirit of partnership, Transnet and its Supplier(s) will study the current ways they do business to enhance current practices and support processes and systems. Such a partnership will allow Transnet to reach higher levels of quality, service and profitability. Specifically, Transnet seeks to benefit from this partnership in the following ways:

- 2.1 Transnet must receive reduced cost of acquisition and improved service benefits resulting from the Supplier's economies of scale and streamlined service processes.
- 2.2 Transnet must achieve appropriate availability that meets user needs while reducing costs for both Transnet and the chosen Supplier(s).
- 2.3 Transnet must receive proactive improvements from the Supplier with respect to supply of Goods and related processes.
- 2.4 Transnet's overall competitive advantage must be strengthened by the chosen Supplier's leading edge technology and service delivery systems.
- 2.5 Transnet end users must be able to rely on the chosen Supplier's personnel for service enquiries, recommendations and substitutions.
- 2.6 Transnet must reduce costs by streamlining its acquisition of Goods, including managed service processes on a Group basis.

3 SCOPE OF REQUIREMENTS

To construct new infrastructure and the upgrade of the existing infrastructure that houses the Radio Frequency equipment for the Natal Mainline.

4 GENERAL INFORMATION

- 4.1 The Supplier(s) shall be fully responsible to Transnet for the acts and omissions of persons directly or indirectly employed by them.
- 4.2 The Supplier(s) must provide the information requested and comply with the requirements stated in this RFP.

5 "AS AND WHEN REQUIRED" CONTRACTS

- 5.1 Purchase orders will be placed on the Supplier(s) from time to time as and when Goods are required.
- 5.2 Transnet reserves the right to place purchase orders until the last day of the contract for deliveries to be effected within the delivery period / lead time specified beyond the expiry date of the contract under the same terms and conditions as agreed upon.
- 5.3 Delivery requirements may be stipulated in purchase orders and scheduled deliveries may be called for. However, delivery periods and maximum monthly rates of delivery offered by the Respondents will be used as guidelines in establishing lead times and monthly delivery requirements with the Supplier.
- 5.4 Where scheduled deliveries are required, the delivery period(s) specified must be strictly complied with, unless otherwise requested by Transnet. Material supplied earlier than specified may not be paid for or may be returned by Transnet, with the Supplier being held liable for all expenses so incurred, e.g. transport charges, handling charges, etc.
- 5.5 If the delivery period offered by the Respondents is subject to a maximum monthly production capacity, full particulars must be indicated in Section 3 [*Pricing and Delivery Schedule*]
- 5.6 The Respondent must state hereunder its annual holiday closedown period [if applicable] and whether this period has been included in the delivery lead time offered:

- 5.7 Indicate below the action that the Respondent proposes to take to ensure continuity of supply during non-working days or holidays and periods occupied in stocktaking or in effecting repairs to plant or in overhaul of plant which would ordinarily occur within the stated delivery lead time:

6 MANUFACTURERS

The Respondents must state hereunder the actual manufacturer(s) of the Goods tendered for:

6.1 LOCAL MANUFACTURER(S):

RFP ITEM NUMBER	NAME	ADDRESS [IN FULL]
_____	_____	_____
_____	_____	_____

6.2 FOREIGN MANUFACTURER(S):

RFP ITEM NUMBER	NAME	ADDRESS [IN FULL]
_____	_____	_____
_____	_____	_____

7 INSPECTION DETAILS

The Respondents must state the actual name(s) and address/addresses of the suppliers of the Goods for inspection purposes only:

7.1 LOCAL MANUFACTURER(S):

RFP ITEM NO.	NAME	ADDRESS [IN FULL]

7.2 FOREIGN MANUFACTURER(S):

RFP ITEM NO.	NAME	ADDRESS [IN FULL]

8 IMPORTED CONTENT

The Respondents must state hereunder the value and percentage of the imported content as well as the country of origin in respect of each item tendered for:

RFP ITEM NO / DESCRIPTION.	% COST	RATE	VALUE	COUNTRY OF ORIGIN

Note: Where more than one country is applicable to one item, the Respondents must furnish this information separately.

9 EXCHANGE AND REMITTANCE

The attention of the Respondents is directed to clause 8 [Exchange and Remittance] of the General Bid Conditions appended hereto. The Respondent is also to note that the particulars of the exchange rate on which the Respondent has based its tendered price(s), is/are to be stipulated hereunder, *only if Transnet is requested by the Respondent to effect payment overseas direct to the Respondent's principal or supplier, which is not a registered South African Company.*

9.1 ZAR 1.00 [South African currency] being equal to _____ [foreign currency]

9.2 _____ % in relation to tendered price(s) to be remitted overseas by Transnet

9.3 _____ [Name of country to which payment is to be made]

9.4 Beneficiary details:

Name [Account holder] _____
 Bank [Name and branch code] _____
 Swift code _____
 Country _____

9.5 _____ [Applicable base date of Exchange Rate used]

Respondents are advised that should a contract be awarded for deliveries on an "as and when required" basis, any future remittance(s) to overseas principals/suppliers, as instructed above, will be based on the currency rate of exchange related to the contractual price of the Goods at that time.

EXPORT CREDIT AGENCY SUPPORTED FINANCE:

In order to finance its payment obligations under a future contract where foreign transactions are involved, Transnet would consider raising debt financing [an "ECA Facility"] from one or more banks and financial institutions, with the benefit of export credit agency [ECA] credit support to be provided by an Export Credit Agency.

Under such circumstances the successful Respondent will agree to undertake:

- a) to provide (and/or cause the Parent to provide, as applicable) to Transnet and the banks and financial institutions that may participate in the ECA Facility all such assistance as an importer of Goods and services, which are eligible for ECA credit supported finance by an Export Credit Agency, is generally required to provide for the purposes of obtaining ECA support;
- b) not to do or (as Supplier of the relevant eligible Goods or services) omit to do anything, which may adversely affect Transnet's prospects of qualifying for or, once obtained, maintaining ECA credit support by an Export Credit Agency in respect of an ECA Facility.

All cost, expenses, charges and liabilities incurred by Transnet in establishing an ECA Facility with credit support from an Export Credit Agency, would be for the account of Transnet.

10 NATIONAL RAILWAY SAFETY REGULATOR ACT

In compliance with the National Railway Safety Regulator Act, 16 of 2002, the successful Respondent (**the Supplier**) shall ensure that the Goods to be supplied to Transnet, under the terms and conditions of a contract between the parties, comply fully with the specifications as set forth in Section 14 [Specifications and Drawings] of this RFP, and shall thereby adhere to railway safety requirements and/or regulations [as applicable]. Permission for the engagement of a subcontractor by the Supplier, as applicable, both initially

and during the course of a contract, shall be subject to a review of the capability of the proposed subcontractor to comply with the specified railway safety requirements and/or regulations. The Supplier and/or its subcontractor shall grant Transnet access, during the term of the contract, to review any safety-related activities, including the coordination of such activities across all parts of the organisation.

Accepted:

YES	
------------	--

NO	
-----------	--

11 SERVICE LEVELS

11.1 Failure of the Supplier to comply with stated service level requirements will give Transnet the right to cancel the contract in whole, without penalty to Transnet, giving 30 [thirty] days' notice to the Supplier.

Acceptance of Service Levels:

YES	
------------	--

NO	
-----------	--

12 CONTINUOUS IMPROVEMENT INITIATIVES

12.1 Respondents shall indicate whether they would be committed, for the duration of any contract which may be awarded through this RFP process, to participate with Transnet in its continuous improvement initiatives to reduce the overall cost of transportation services and related logistics provided by Transnet's operating divisions within South Africa, to the ultimate benefit of all end-users.

a) **Accepted:**

YES	
------------	--

NO	
-----------	--

If "yes", please specify details in paragraph 12.2 below.

12.2 Respondents must briefly describe their commitment to the continuous improvement initiatives and give examples of specific areas and strategies where cost reduction initiatives can be introduced. Specific areas and proposed potential savings percentages should be included. Additional information can be appended to the Respondent's Proposal if there is insufficient space available.

13 RISK

Respondents must elaborate on the control measures put in place by their entity, which would mitigate the risk to Transnet pertaining to potential non-performance by a Supplier, in relation to:

13.1 **Quality and specification of Goods delivered:**

13.2 **Continuity of supply** [refer clause 10.3 of Form ST&C]:

13.3 **Compliance with the Occupational Health and Safety Act, 85 of 1993** [refer clause 7.1(f) of Form ST&C]:

13.4 **Compliance with the National Railway Safety Regulator Act, 16 of 2002** [refer paragraph 10 above]:

14 REFERENCES

Please indicate below the company names and contact details of past and existing customers whom Transnet may contact to seek third party evaluations of your current service levels:

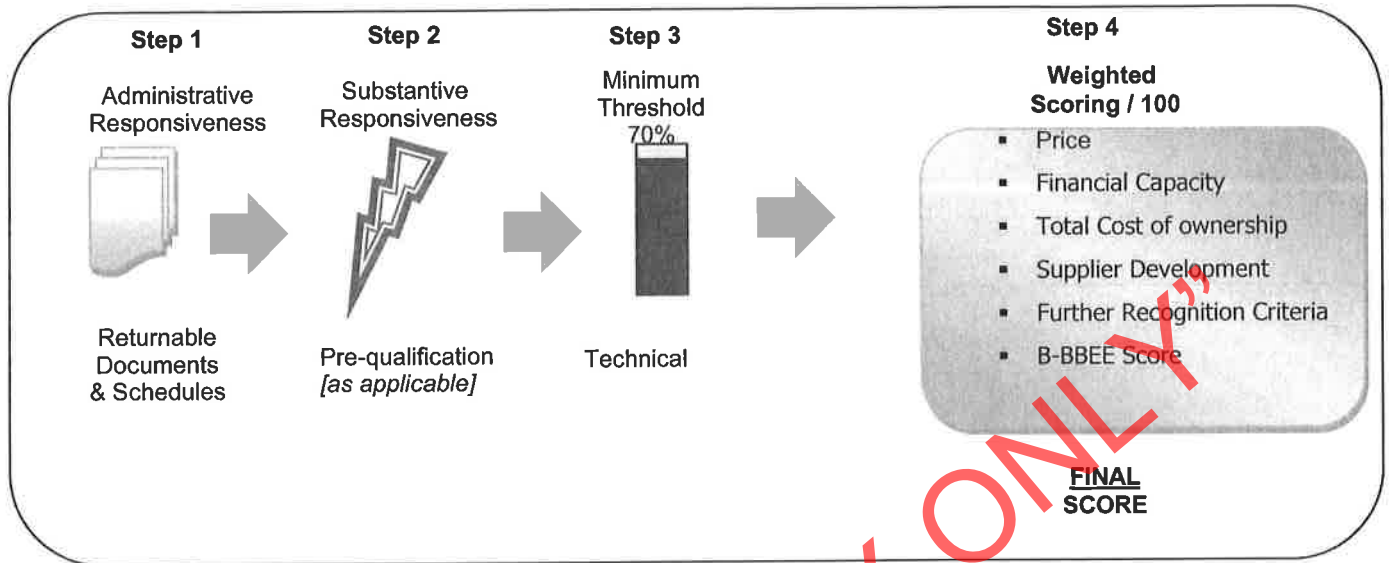
Kindly provide at least a minimum of 3 contactable referees:

- **For similar equipment supplied previously**
- **Previous performance of equipment**

NAME OF COMPANY	CONTACT PERSON	TELEPHONE

15 EVALUATION METHODOLOGY AND CRITERIA

Transnet will utilise the following methodology and criteria in selecting a preferred Supplier, if so required:



15.1 STEP ONE: Test for Administrative Responsiveness

The test for administrative responsiveness will include the following:

EVALUATION CRITERIA	RFP REFERENCE
• whether the bid has been lodged on time	<i>Section 1 paragraph 3</i>
• whether all returnable documents and/or schedules [where applicable] were completed and returned by the closing date and time	<i>Section 4</i>
• whether the bid documentation has been duly signed by the Respondent.	<i>Section 1 paragraph 7.1</i>

The test for administrative responsiveness [Step One] must be passed for a Respondent's proposal to progress to Step Two for further evaluation.

15.2 STEP TWO: Test for Substantive Responsiveness to RFP

The test for substantive responsiveness to this RFP will include the following:

EVALUATION CRITERIA	RFP REFERENCE
<ul style="list-style-type: none"> whether any pre-qualification criteria set by Transnet, have been met 	<i>Section 1 paragraphs 2.2, 6.1, 10.3 Section 4 – validity period Section 8, General Bid Conditions clause 25 Section 10</i>
<ul style="list-style-type: none"> whether the bid contains a priced offer 	<i>Section 3</i>
<ul style="list-style-type: none"> whether the bid materially complies with the scope and/or specification given 	<i>Section 2</i>
<ul style="list-style-type: none"> whether all material terms and conditions stated in the bid document have been met 	<i>All Sections</i>

The test for substantive responsiveness [Step Two] must be passed for a Respondent’s proposal to progress to Step Three for further evaluation.

15.3 STEP THREE: Test Minimum Threshold for Technical Criteria / Functional Requirements

Technical and Functional Criteria:

EVALUATION CRITERIA
<ul style="list-style-type: none"> Compliance to Specification
<ul style="list-style-type: none"> Delivery / Schedule
<ul style="list-style-type: none"> References / Previous Performance (Equipment)

The minimum threshold (70%) for Step Three evaluation criteria must be met or exceeded for a Respondent’s proposal to progress to Step Four for final evaluation.

15.4 **STEP FOUR: Final Weighted Scoring**

EVALUATION CRITERIA
Commercial Criteria <ul style="list-style-type: none">• Price Competitiveness• Financial Capacity• Total Cost of Ownership
B-BBEE - Scorecard
Supplier Development Initiatives
Further Recognition Criteria

Note: Transnet reserves the right to conduct post-tender negotiations with the preferred Respondent(s)

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**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 3: PRICING AND DELIVERY SCHEDULE

REFER TO ANNEXURE E FOR PRICING: USE ATTACHED PRICING SCHEDULE

Notes to Pricing:

- a) All Prices must be quoted in South African Rand, exclusive of VAT
- b) Prices to be quoted on a delivered basis to various depots on a national basis
- c) Prices quoted must be held valid for a period of 90 days
- d) Currency rate of exchange utilised: _____
- e) Prices must include transport Cost

ANNEXURE E: PRICE LIST

No	SITE NAME	CONTAINER	BUILDING CONSTRUCTION & UPGRADE	NEW MAST	NEW POLE	ANTENNA SYSTEM	CONCRETE PLINTH	CONCRETE APRON	PAUSADE FENCE	POWER	ROAD ACCESS	Total Excl. VAT
Sentrarand - Vooruitseg												
1	Sentrarand											
2	Spring											
3	Heidelberg											
4	Country School											
5	Van Kolderkop											
6	Vergenoeg											
7	Standerskop											
8	Kopple Aftien											
9	Pendekop											
10	Palmford											
11	Verkerkyskop											
12	Inkwele											
13	Hare RR											
14	Signal Hill											
15	Chivelston											
16	Mpati Hill											
17	Uitloek RR											
18	Kilfontein											
19	Careers Camp											
20	Chivverley											
21	Wagondrift											
22	Escort Comm's Room											
23	Escort Hospital											
24	Griffiths Hill											
25	Hidcote											
26	Dannhauser											
27	Umbulwana											
28	Moorriver Comm's											
29	Nottingham Road											
30	Lydgate											
31	Hilton Road											
32	Napier Hill											
33	Pietermaritzburg Test Room											
34	Ashbton											
35	Crooks Farm											
36	Hammarschale											
37	Giffdale RR											
38	Alverston											
39	Beacon 321											
40	Marian Hill											
41	Burington											
42	Umbongetwini											
43	477 Smith Street											
TOTAL												

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**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 4: PROPOSAL FORM

I/We _____

[name of entity, company, close corporation or partnership]

of [full address]

carrying on business under style or title of [trading as] _____

represented by _____

in my capacity as _____

being duly authorised thereto by a Resolution of the Board of Directors or Members or Certificate of Partners, as the case may be, dated _____ a certified copy of which is annexed hereto, hereby offer to supply the above-mentioned Goods at the prices quoted in the schedule of prices in accordance with the terms set forth in the accompanying letter(s) reference _____ and dated _____ [if any] and the documents listed in the accompanying schedule of RFP documents.

I/We agree to be bound by those conditions in Transnet's:

- (i) Standard Terms and Conditions of Contract [Form ST&C – Goods];
- (ii) General Bid Conditions – Goods; and
- (iii) any other standard or special conditions mentioned and/or embodied in this Request for Proposal.

I/We accept that unless Transnet should otherwise decide and so inform me/us in the letter of award, this Proposal [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

Should Transnet decide that a formal contract should be signed and so inform me/us in a letter of intent [the **Letter of Intent**], this Proposal [and, if any, its covering letter and any subsequent exchange of correspondence] together with Transnet's Letter of Intent, shall constitute a binding contract between Transnet and me/us until the formal contract is signed.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Proposal, I/we fail to enter into a formal contract if called upon to do so, or fail to commence the supply of Goods within 4 [four] weeks thereafter, Transnet may, without prejudice to any other legal remedy which it may have, recover from me/us any expense to which it may have been put in calling for Proposals afresh and/or having to accept any less favourable Proposal.

I/We accept that any contract resulting from this offer will be for a period of three years only; and agree to a penalty clause to be negotiated with Transnet, which will allow Transnet to invoke a penalty [details to be negotiated] against us should the delivery of the Goods be delayed due to non-performance by ourselves.

The law of the Republic of South Africa shall govern any contract created by the acceptance of this RFP. The *domicilium citandi et executandi* shall be a place in the Republic of South Africa to be specified by the Respondent hereunder, at which all legal documents may be served on the Respondent who shall agree to submit to the jurisdiction of the courts of the Republic of South Africa. Foreign Respondents shall, therefore, state hereunder the name of their authorised representative in the Republic of South Africa who has the power of attorney to sign any contract which may have to be entered into in the event of their Proposal being accepted and to act on their behalf in all matters relating to such contract.

Respondent to indicate the details of its *domicilium citandi et executandi* hereunder:

Name of Entity: _____

Facsimile: _____

Address: _____

NOTIFICATION OF AWARD OF RFP

As soon as possible after approval to award the contract(s), the successful Respondent [the Supplier] will be informed of the acceptance of its Proposal. Unsuccessful Respondents will be advised in writing of the name of the successful Supplier and the reason as to why their Proposals have been unsuccessful, for example, in the category of price, delivery period, quality, B-BBEE status or for any other reason.

VALIDITY PERIOD

Transnet requires a validity period of 90 [ninety] days [from 24 July 2012] against this RFP.

NAME(S) AND ADDRESS / ADDRESSES OF DIRECTOR(S) OR MEMBER(S)

The Respondent must disclose hereunder the full name(s) and address(s) of the director(s) or members of the company or close corporation [C.C.] on whose behalf the RFP is submitted.

- (i) Registration number of company / C.C. _____
- (ii) Registered name of company / C.C. _____

(iii) Full name(s) of director/member(s)	Address/Addresses	ID Number(s)
--	-------------------	--------------

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

CONFIDENTIALITY

All information related to a subsequent contract, both during and after completion, is to be treated with strict confidence. Should the need however arise to divulge any information gleaned from provision of the Goods, which is either directly or indirectly related to Transnet's business, written approval to divulge such information must be obtained from Transnet.

DISCLOSURE OF PRICES TENDERED

Respondents must indicate here whether Transnet may disclose their tendered prices and conditions to other Respondents:

YES		NO	
------------	--	-----------	--

PRICE REVIEW

The successful Respondent(s) will be obliged to submit to an annual price review. Transnet will be benchmarking this price offering(s) against the lowest price received as per a benchmarking exercise. If the Respondent's price(s) is/are found to be higher than the benchmarked price(s), then the Respondent shall match or better such price(s) within 30 [thirty] days, failing which the contract may be terminated at Transnet's discretion or the particular item(s) or service(s) purchased outside the contract.

RETURNABLE DOCUMENTS AND SCHEDULES

Respondents are required to submit the following returnable documents and schedules with their responses [see √]. All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the Respondent:

SECTION 1 : Notice to Bidders	√
SECTION 2 : Background, Overview and Scope of Requirements	√
SECTION 3 : Pricing & Delivery Schedule	√
SECTION 4 : Proposal Form	√
SECTION 5 : Vendor Application Form	
- Original cancelled cheque or bank verification of banking details	
- Certified copies of IDs of shareholder/directors/members [as applicable]	√
- Certified copy of Certificate of Incorporation [CM29/CM9 name change]	√
- Certified copy of share certificates [CK1/CK2 if CC]	
- Entity's letterhead	
- Original Tax Clearance Certificate	√
- Certified copy of VAT Registration Certificate	√
- Certified copy of Company Registration Certificate	√
- Valid B-BBEE Accreditation Certificate [Large Enterprises and QSEs]	√
- Annual financials signed off by an accounting officer [EMEs]	√
- Audited Financials for previous 3 years	√

SECTION 6 : Signing Power - Resolution of Board of Directors	✓
SECTION 7 : Certificate of Acquaintance with RFP Documents	✓
SECTION 8 : General Bid Conditions – Goods	✓
SECTION 9 : Standard Terms and Conditions of Contract	✓
SECTION 10 : RFP Declaration Form	✓
SECTION 11 : Breach of Law	✓
SECTION 12 : Bid Clarification Request Form	✓
SECTION 13 : Supplier Code of Conduct	✓
SECTION 14 : Certificate of attendance of Site Meeting / RFP Briefing	✓
SECTION 15 : Specifications and Drawings	✓
- Clause by clause statement of compliance to specification BBB1267 version 10	✓
- Technical Data Sheet of specification BBB1267 version 10	✓
- Letter of intent from equipment supplier – if not OEM	✓
- Equipment Maintenance Information (as per attached schedules & Life Cycle Cost Analysis Data)	✓
- ISO9000 Certification (supplier's)	✓
- Type test certificates	✓
- Installation, Operation & Maintenance Manuals	✓
SECTION 16 : Non-Disclosure Agreement	✓
SECTION 17 : Further Recognition Criteria	✓
SECTION 18 : Supplier Development Initiatives	✓
- Annexure A: BBBEE preference claims points form	✓
- Annexure B : Supplier Development Bid Document	✓
- Annexure C & C1 : Supplier Development Value Summary	✓

Failure to provide all the above-referenced returnable documents marked with a [✓] will result in a Respondent's disqualification. Bidders are therefore urged to ensure that all these documents are returned with their Proposals.

CONTINUED VALIDITY OF RETURNABLE DOCUMENTS

The successful Respondent will be required to ensure the validity of all returnable documents, including but not limited to its Tax Clearance Certificate and B-BBEE Accreditation Certificate, for the duration of any contract emanating from this RFP. Should the Respondent be awarded the contract [the **Agreement**] and fail to present Transnet with such renewals as and when they become due, Transnet shall be entitled, in addition to any other rights and remedies that it may have in terms of the eventual Agreement, to terminate the Agreement forthwith without any liability and without prejudice to any claims which Transnet may have for damages against the Respondent.

By signing the RFP documents, the Respondent is deemed to acknowledge that he/she has made himself/herself thoroughly familiar with all the conditions governing this RFP, including those contained in any printed form stated to form part hereof and Transnet SOC Ltd will recognise no claim for relief based on an allegation that the Respondent overlooked any such condition or failed properly to take it into account for the purpose of calculating tendered prices or otherwise.

SIGNED at _____ on this _____ day of _____ 2012

SIGNATURE OF WITNESSES

ADDRESS OF WITNESSES

1 _____
Name _____

2 _____
Name _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE:

NAME: _____

DESIGNATION: _____

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RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 5: VENDOR APPLICATION FORM

Respondents are to furnish the following documentation and complete the Vendor Application Form below:

1. **Original** cancelled cheque **OR** letter from the Respondent’s bank verifying banking details [**with bank stamp**]
2. **Certified** copy of Identity Document(s) of Shareholders/Directors/Members [where applicable]
3. **Certified** copy of Certificate of Incorporation, CM29 / CM9 [name change]
4. **Certified** copy of Share Certificates [CK1/CK2 if CC]
5. A letter on the entity’s letterhead confirm physical and postal addresses
6. **Original** valid SARS Tax Clearance Certificate and **certified copy** of VAT Registration Certificate
7. A signed letter from your auditor or accountant confirming most recent annual turnover figures

Note: No contract shall be awarded to any Respondent whose tax matters have not been declared by SARS to be in order.

Vendor Application Form

Entity’s trading name _____

Entity’s registered name _____

Entity’s Registration Number or ID Number if a Sole Proprietor _____

Form of entity [v] CC Trust Pty Ltd Limited Partnership Sole Proprietor

How many years has your entity been in business? _____

VAT number [if registered] _____

Entity’s telephone number _____

Entity’s fax number _____

Entity’s email address _____

Entity’s website address _____

Bank name _____ Branch & Branch code _____

Account holder _____ Bank account number _____

Postal address _____ Code _____

Physical address Code

Contact person

 Designation

 Telephone

 Email

Annual turnover range [last financial year] < R5 m R5 - 35 m > R35 m

 Does your entity provide Products Services Both

 Area of delivery National Provincial Local

 Is your entity a public or private entity Public Private

 Does your entity have a Tax Directive or IRP30 Certificate Yes No

 Main product or services [e.g. Stationery/Consulting]

Complete B-BBEE Ownership Details:

% Black ownership % Black women ownership % Disabled Black ownership

 Does your entity have a B-BBEE certificate Yes No

 What is your B-BBEE status [Level 1 to 9 / Unknown]

 How many personnel does the entity employ Permanent Part time

If you are an existing Vendor with Transnet please complete the following:

Transnet contact person

 Contact number

Transnet Operating Division

Duly authorised to sign for and on behalf of Entity / Organisation:

Name		Designation	
Signature		Date	

RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 6: SIGNING POWER – RESOLUTION OF BOARD OF DIRECTORS

NAME OF ENTITY: _____

It was resolved at a meeting of the Board of Directors held on _____ that

FULL NAME(S)	CAPACITY	SIGNATURE
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

in his/her capacity as indicated above is/are hereby authorised to enter into, sign, execute and complete any documents relating to Proposals and/or Agreements for the supply of Goods.

FULL NAME _____

SIGNATURE CHAIRMAN

FULL NAME _____

SIGNATURE SECRETARY



**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 7: CERTIFICATE OF ACQUAINTANCE WITH RFP DOCUMENTS

NAME OF ENTITY:

I/We _____

do hereby certify that I/we acquainted myself/ourselves with all the documentation comprising this RFP and all conditions contained therein, as laid down by Transnet SOC Ltd for the carrying out of the proposed supply/service/works for which I/we submitted my/our response.

I/We furthermore agree that Transnet SOC Ltd shall recognise no claim from me/us for relief based on an allegation that I/we overlooked any RFP/contract condition or failed to take it into account for the purpose of calculating my/our offered prices or otherwise.

SIGNED at _____ on this _____ day of _____ 2012

SIGNATURE OF WITNESS

SIGNATURE OF RESPONDENT

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**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 8: GENERAL BID CONDITIONS - GOODS

Refer General Bid Conditions attached hereto

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**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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**Section 9: STANDARD TERMS AND CONDITIONS OF CONTRACT
FOR THE SUPPLY OF GOODS TO TRANSNET**

Refer Form ST&C attached hereto.

**Respondents should note the obligations as set out in
clause 25 [*Terms and Conditions of Bid*]
of the General Bid Conditions [RFP Section 8] which reads as follows:**

"The Supplier shall adhere to the Standard Terms and Conditions of Contract as set out in Form ST&C – Goods, a copy of which is attached hereto. Should the Respondent find any conditions unacceptable, it should indicate which conditions are unacceptable and offer alternatives. Any such submission shall be subject to review by Transnet's Legal Counsel who shall determine whether the proposed alternative(s) are acceptable or otherwise, as the case may be."

**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 10: RFP DECLARATION FORM

NAME OF ENTITY: _____

We _____ do hereby certify that:

1. Transnet has supplied and we have received appropriate responses to any/all questions [as applicable] which were submitted by ourselves for bid clarification purposes;
2. we have received all information we deemed necessary for the completion of this Request for Proposal [RFP];
3. at no stage have we received additional information relating to the subject matter of this RFP from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the RFP documents;
4. we are satisfied, insofar as our entity is concerned, that the processes and procedures adopted by Transnet in issuing this RFP and the requirements requested from bidders in responding to this RFP have been conducted in a fair and transparent manner; and
5. furthermore, we declare that a family, business and/or social relationship **exists / does not exist** [delete as applicable] between an owner / member / director / partner / shareholder of our entity and an employee or board member of the Transnet Group.

If such a relationship exists, Respondent is to complete the following section:

FULL NAME OF OWNER/MEMBER/DIRECTOR/
PARTNER/SHAREHOLDER:

ADDRESS:

Indicate nature of relationship with Transnet:

[Failure to furnish complete and accurate information in this regard may lead to the disqualification of a response and may preclude a Respondent from doing future business with Transnet]

6. We declare, to the extent that we are aware or become aware of any relationship between ourselves and Transnet [other than any existing and appropriate business relationship with Transnet] which could unfairly advantage our entity in the forthcoming adjudication process, we shall notify Transnet immediately in writing of such circumstances.
7. We accept that any dispute pertaining to this bid will be resolved through the Ombudsman process and will be subject to the Terms of Reference of the Ombudsman. The Ombudsman process must first be exhausted before judicial review of a decision is sought. *[Refer "Important Notice to Respondents" overleaf].*
8. We further accept that Transnet reserves the right to reverse an award of business or decision based on the recommendations of the Ombudsman without having to follow a formal court process to have such award or decision set aside.

SIGNED at _____ on this ____ day of _____ 2012

For and on behalf of _____ duly authorised hereto	AS WITNESS:
Name:	Name:
Position:	Position:
Signature:	Signature:
Date:	
Place:	

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IMPORTANT NOTICE TO RESPONDENTS

- Transnet has appointed a Procurement Ombudsman to investigate any material complaint in respect of RFPs exceeding R5,000,000.00 [five million S.A. Rand] in value. Should a Respondent have any material concern regarding an RFP process which meets this value threshold, a complaint may be lodged with Transnet's Procurement Ombudsman for further investigation.
- It is incumbent on the Respondent to familiarise himself/herself with the Terms of Reference for the Transnet Procurement Ombudsman, details of which are available for review at Transnet's website www.transnet.net.
- An official complaint form may be downloaded from this website and submitted, together with any supporting documentation, within the prescribed period, to procurement.ombud@transnet.net
- For transactions below the R5,000,000.00 [five million S.A. Rand] threshold, a complaint may be lodged with the Chief Procurement Officer of the relevant Transnet Operating Division.
- All Respondents should note that a complaint must be made in good faith. If a complaint is made in bad faith, Transnet reserves the right to place such a bidder on its List of Excluded Bidders.

RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 11: BREACH OF LAW

NAME OF ENTITY: _____

I/We _____

do hereby certify that *I/we have/have not been* found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

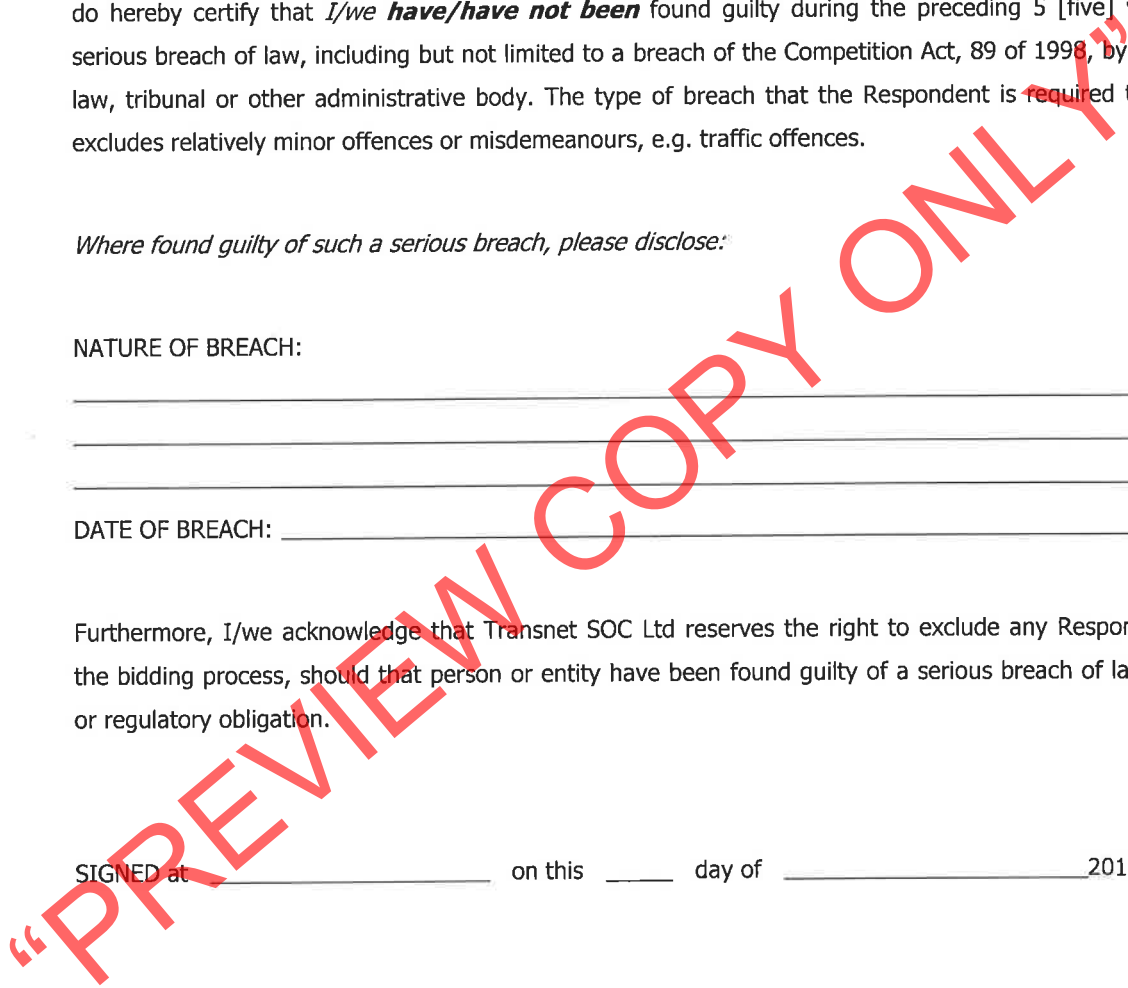
DATE OF BREACH: _____

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

SIGNED at _____ on this _____ day of _____ 2012

SIGNATURE OF WITNESS

SIGNATURE OF RESPONDENT



**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 12: BID CLARIFICATION REQUEST FORM

RFP No: HOAC-KGG-8702

RFP deadline for questions / bid clarifications: **Before 12:00 on 13 August 2012**

TO: Transnet Frieght Rail
ATTENTION: Barbara Msomi, Transnet Frieght Rail,
EMAIL Barbara.msomi@transnet.net

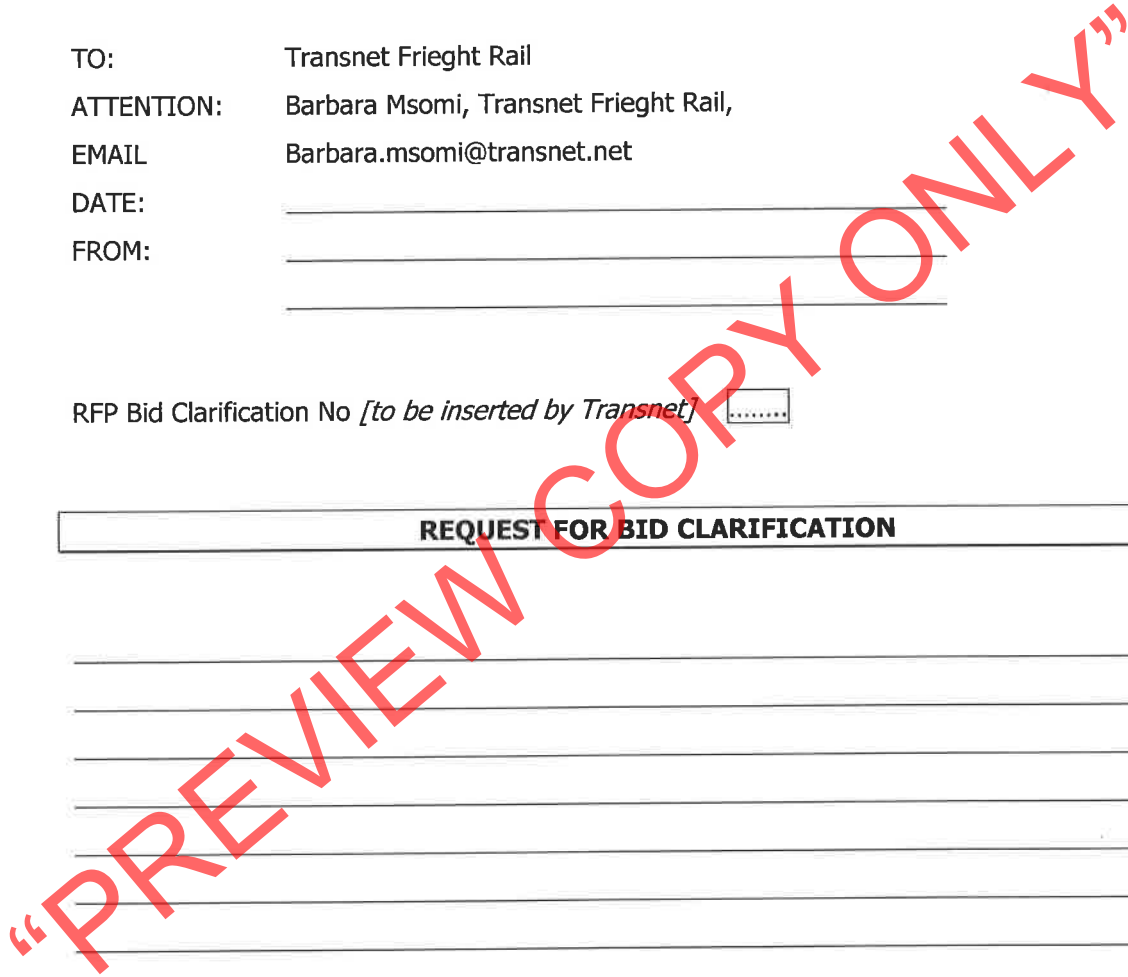
DATE: _____
FROM: _____

RFP Bid Clarification No [to be inserted by Transnet]

REQUEST FOR BID CLARIFICATION

Respondent's Signature

Date & Company Stamp



RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES FOR NATAL MAINLINE

Section 13: SUPPLIER CODE OF CONDUCT

Transnet aims to achieve the best value for money when buying or selling goods and obtaining services. This however must be done in an open and fair manner that supports and drives a competitive economy. Underpinning our process are several acts and policies that any supplier dealing with Transnet must understand and support. These are:

- The Transnet Procurement Procedures Manual [**PPM**];
- Section 217 of the Constitution - the five pillars of Public PSCM [Procurement and Supply Chain Management]: fair, equitable, transparent, competitive and cost effective;
- The Public Finance Management Act [**PFMA**];
- The Broad Based Black Economic Empowerment Act [**B-BBEE**]; and
- The Prevention and Combating of Corrupt Activities Act.

This Code of Conduct has been included in this RFP to formally apprise prospective Transnet Suppliers of Transnet's expectations regarding behaviour and conduct of its Suppliers.

Prohibition of Bribes, Kickbacks, Unlawful Payments, and Other Corrupt Practices

Transnet is in the process of transforming itself into a self-sustaining State Owned Company [SOC], actively competing in the logistics industry. Our aim is to become a world class, profitable, logistics organisation. As such, our transformation is focused on adopting a performance culture and to adopt behaviours that will enable this transformation.

1. Transnet will not participate in corrupt practices and therefore expects its Suppliers to act in a similar manner.

- Transnet and its employees will follow the laws of this country and keep accurate business records that reflect actual transactions with and payments to our Suppliers.
- Employees must not accept or request money or anything of value, directly or indirectly, to:
 - illegally influence their judgement or conduct or to ensure the desired outcome of a sourcing activity;
 - win or retain business or to influence any act or decision of any decision stakeholders involved in sourcing decisions; or
 - gain an improper advantage.
- There may be times when a Supplier is confronted with fraudulent or corrupt behaviour of Transnet employees. We expect our Suppliers to use our "Tip-offs Anonymous" Hot line to report these acts [0800 003 056].

2. *Transnet is firmly committed to the ideas of free and competitive enterprise.*

- Suppliers are expected to comply with all applicable laws and regulations regarding fair competition and antitrust.
- Transnet does not engage with non-value adding agents or representatives solely for the purpose of increasing B-BBEE spend [fronting].

3. *Transnet's relationship with Suppliers requires us to clearly define requirements, exchange information and share mutual benefits.*

- Generally, Suppliers have their own business standards and regulations. Although Transnet cannot control the actions of our Suppliers, we will not tolerate any illegal activities. These include, but are not limited to:
 - misrepresentation of their product [e.g. origin of manufacture, specifications, intellectual property rights];
 - collusion;
 - failure to disclose accurate information required during the sourcing activity [e.g. ownership, financial situation, B-BBEE status];
 - corrupt activities listed above; and
 - harassment, intimidation or other aggressive actions towards Transnet employees.
- Suppliers must be evaluated and approved before any materials, components, products or services are purchased from them. Rigorous due diligence is conducted and the Supplier is expected to participate in an honest and straight forward manner.
- Suppliers must record and report facts accurately, honestly and objectively. Financial records must be accurate in all material respects.

Conflicts of Interest

A conflict of interest arises when personal interests or activities influence [or appear to influence] the ability to act in the best interests of Transnet.

- Doing business with family members
- Having a financial interest in another company in our industry

**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 14: CERTIFICATE OF ATTENDANCE OF RFP BRIEFING

Date	Day 1	Time	Transnet Representative	Respondent Representative
30/07/2012	Heidelberg	08h00		
	Country School			
	Van Kolderskop			
	Val (Vergenoeg)			
	Standerskop			
	Koppie Alien			
	Perdekop			
	Palmford			
	Hotel Volksrus			

Date	Day 2	Time	Transnet Representative	Respondent Representative
31/07/2012	Verkykerskop	08:00		
	Inkwelo	11:00		
	Harte R/ R			
	Signal Hill			
	Chivelstone			
	Hotel Newcastle			

Date	Day 3	Time	Transnet Representative	Respondent Representative
01/08/2012	Dannhauser	08:00		
	Mpati			
	Uithoek			
	Klipfontein			
	Caesers Camp			
	Hunters Lodge-Ladysmith			

Date	Day 4	Time	Transnet Representative	Respondent Representative
02/08/2012	Umbulwana	08:00		
	Chieveley			
	Wagondrift			
	Estcourt Hospital			
	Griffinshill			
	Hidcote			
	Moorriver Comms			
	Stay Easy - PMB			

Date	Day 5	Time	Transnet Representative	Respondent Representative
03/08/2012	Nottingham Road	08:00		
	Lydgate			
	Hilton Road			
	Napier Hill			
	PMB Test Room			
	Asburton			
	Crooks Farm			
	Hammarsdale			

Date	Day 6	Time	Transnet Representative	Respondent Representative
04/08/2012	Cliffdale R / R			
	Alverston			
	Beacon 321			
	Dellvillewood			
	Marianhill			
	Burlington			
	Umbongintwini			
	Protea Hotel - Durban			

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**RFP FOR THE MAST CONSTRUCTION & CIVIL WORKS FOR TRAIN RADIO HIGH SITES
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Section 15: SPECIFICATIONS AND DRAWINGS

REFER TO ATTACHED SPECIFICATION

- 1. TFR BDF -0939(GENERIC RADIO TOWER)**
- 2. BBB1025(INSULATED CONTAINER)**
- 3. BBF 1082(SECURE EQUIPMENT ROOM)**
- 4. SPC-010556(HIGH SITE ELECTRIC FENCE)**
- 5. MAN 00009 VERSION 3.10(RADIO HIGH SITE ENGINEERING PRACTICE)**
- 6. ANNEXURE D (COMPLIANCE DOCUMENT)**
- 7. ANNEXURE A (SHEDULE OF REQUIREMENTS)**
- 8. ANNEXURE B (SUMMARY OF REQUIREMENTS)**
- 9. ANNEXURE C (SITE PLANS)**



TFR INFRASTRUCTURE

TELECOMMUNICATIONS SPECIFICATION

GENERIC RADIO TOWER

TFR BPF-0939

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I. Document Authorisation

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II. Distribution

To be registered in TFR's document management system – Projectwise
 Emailed to all TFR Telecommunications specialists
 Provided to relevant Project Managers, Tenderers and Contractors

III. Change History

Issue No.	Date	Issued by	Change Summary
1.00	2011-05-20	Transmission	Compilation from old RFPs

IV. Changes since Last Revision

Clause	Description

V. Abbreviations and Acronyms

Acronym	Description
AGL	Above ground level
TFR	Transnet Freight Rail

VI. Definitions

Term	Definition

VII. Relevant Documentation

Document	Description and Relevance
MAN 00009	Radio High Site Engineering Practice 4.2 Supporting Structures 4.4 Site Grounding 4.6 Coaxial Cable 4.7 Antenna Location and Support Structure 5 Antenna Types 10 Health and Safety

1. Scope

- 1.1 This is a generic specification for the provision of a telecommunications tower on Transnet land, or on land upon which Transnet has secured a lease.
- 1.2 The specific details will be provided in the associated Bill of Quantities, Schedule of Requirements and / or Design Document
- 1.3 The general requirement is for a tapered steel lattice tower with either a square or triangular base.
- 1.4 The onus is on the Contractor's registered Professional Engineer to design, build and certify the structures, foundation, earthing and electrical reticulation.

2. Design Parameters

- 2.1 The height of the tower will be 5 metres higher than the design height AGL of the highest antenna specified in the design.
- 2.2 The orientation of the tower will either be specified in the Site Diagram of the Design Document or,
 - 2.2.1 In the case of an existing established site, the tower and foundation will be aligned with existing structures, or
 - 2.2.2 In a green fields scenario, the corner of the tower will be aligned to the azimuth of the antenna.
- 2.3 The tower must withstand wind speeds of 160 km/h. In such conditions, and with the antennae loading planned, it must not twist or bend more than 1 degree.
- 2.4 The tower must be made of steel, corrosion and electrolysis protected, suitable for the environment and terrain in which it shall be installed, and certified for a design life span of at least 50 years.
- 2.5 To comply with this life span, extreme weather and natural conditions must be taken into account, including snow, icing and probable seismic movement.
- 2.6 The construction of the tower and associated civil works must comply with all relevant South African codes of practice, standards and legislation, including health and safety.
- 2.7 The dimensions, materials and design of the tower will be included in the contractor's offer, which will be certified by a registered Professional Engineer. The tower design may be subject to verification by TFR's own structural engineers.

3. Features

- 3.1 Earthing and Lightning Protection
 - 3.1.1 Site grounding and protection must comply with MAN00009 "Radio High Site Engineering Practice".
 - 3.1.2 A 1200 mm long galvanized lightening spike must be installed at the very top of the tower. The spike shall be bolted to the tower spine or leg. This spike can be a M12 or M16 rod or a 38 mm x 38 mm angle iron with a sharpened point.

3.2 Where the antenna is not protected against lightning strikes (the antenna is not within the protection zone), then the length of the lightning spike must be increased accordingly. When the lengthening of the spike is not an acceptable solution, horizontally mounted lightning rods must be installed above and below the antennae.

3.3 Platforms

3.3.1 A crows nest or platform shall be installed 4 to 6 m from the top of a lattice tower. The crows nest must be designed to accommodate the antennae load specified. The deflections of the expanded mesh floor shall be less than span / 360 when carrying a 100 kg load at mid-span. A trapdoor must be fitted at the cat ladder exit. Provision must be made for feeders to pass through the floor.

3.3.2 Lattice towers shall have a full internal working platform fitted at the intermediate aircraft warning light level. This platform must be installed halfway (+/- 3 m) up towers which total length exceeds 45.7 m. The deflections of the expanded mesh floor shall be less than span/360 when carrying a 100 kg load at mid-span. A trap door must be fitted at the cat ladder exit.

3.3.3 All crows nests and platforms must be installed with a 50 mm +/- 10 mm wide x 5 mm thick kick plate facing up around the edges of the crows nest / platform and feeder exit openings.

3.3.4 Safety hand and knee rails are to be mounted all the way around the perimeter of the crows nest / platforms at a height of 1200 mm and 600 mm respectively from the expanded mesh floor. The rails must be fixed to the tower structure with no gaps to ensure that slings do not accidentally slip off. The rail must be a minimum angle iron of 50 x 50 x 3 mm.

3.3.5 Trapdoors shall be configured to ensure that they do not slam shut under gravity. A minimum opening angle of 95° is required. The trapdoor shall not open forward towards the cat ladder. The hinge of the trapdoor shall have a proper hinge pin or if a bolt is used the bolt shall have an unthreaded shank within the hinge and shall have a lock-nut. The trapdoor deflections shall be less than span / 360 when carrying a 100kg load at mid-span.

3.4 Cat Ladder

3.4.1 A 300 mm wide cat ladder must be extended the full length of the tower to the highest point of the tower and allow access to the top aviation lights.

3.4.2 Cat ladder rungs must be spaced at 295 mm intervals to allow comfortable climbing and will be between 12 mm to 16 mm in diameter.

3.4.3 Both sides of the cat ladder will allow for cable runs. The cables will not impede climbing.

3.4.4 Safety hoops or a TFR approved fall arrest system must be installed on cat ladders that extend higher than 2.5 m from the ground, platform or crows nest.

3.4.5 Horizontal safety hoops must be spaced 1 m apart with a diameter of 700 mm (± 50 mm). Vertical stringers must also be installed but spaced to ensure that the cat ladder can be exited at any height to perform inspections.

- 3.4.6 Safety hoops must also be installed on the cat ladder inside mono poles starting 2.5 m from the bottom until the inside diameter of the pole reaches 700 to 800 millimetres. Where the safety hoop and stringers are bolted together with M8 or smaller bolts, stainless steel grade 304 bolts must be used.
- 3.4.7 Safety hoops on the spine of mono poles are not practical therefore a TFR approved fall arrest system must be installed by a certified person on all spines that are longer than 2.5 m.
- 3.4.8 Cat ladder offsets must meet the latest occupational health and safety act requirements that will allow unobstructed climbing. An off set of 150 mm is required.

3.5 Cable feeders

- 3.5.1 Provision must be made for feeders to pass through the platform/s floor on either side of the cat ladder offsets / cable runway. Feeder cables must be routed alongside the cat ladder and not behind the cat ladder climbing rungs.
- 3.5.2 Since it is not known at the time of manufacture which side the cables will be routed, the feeder cable access holes must be made on both sides of the cat ladder. The unused cable access hole can be fitted with a dummy cover that can be moved to either side of the platform.
- 3.5.3 The cable runway will allow for a cable run of 300 mm wide x 150 mm deep and will allow cable clamps to be attached to the offset and / or dummy offset brackets the full height of the tower at 1m spacing. (From the foundation level to the highest point) The bottom 3m dummy offset brackets must always be supplied but they must be removable.

3.6 Navigation Lights

- 3.6.1 All rural towers shall have night navigational markings as required by the South African Civil Aviation Authorities (SACAA). Towers shall only have daytime navigational markings (international orange and white) when specifically required by the SACAA. Navigation lights on urban tower will only be installed on instruction from the SACAA or on the request from the Project Manager in the site survey.

4. Safety Factors

- 4.1 TFR requires that proper suitably experienced supervision is present on the site at all times during erection and reserves the right to request that supervision be replaced if they are dissatisfied with the performance and or experience of the supervision provided.
- 4.2 Safety harnesses (whilst on the tower), safety shoes, and hard hats must be used at all times by the full rigging crew. Only proper rigging slings and rigging equipment must be used for the tower erection. All harnesses must have at least two tails and one tail must always be connected at any given time. No chain link slings are to be used as these cause damage to the tower galvanising or paint work.
- 4.3 All rigging equipment is to be checked for signs of wear or fatigue prior to use on site.
- 4.4 Under no circumstances can persons other than authorised riggers and workmen be permitted on the ground within a 30 m radius of the tower whilst workmen are on the tower.

- 4.5 A responsible person is to be appointed for each site and must be on site at all times during erection.
- 4.6 In residential areas prior arrangement shall be made, to have the local authorities cordon off any access road(s) that could be affected while the tower is placed into position.
- 4.7 When hoisting pole type towers no person other than authorised riggers and workmen shall be allowed within the tower height equivalent radius of the erection site, until such time as the tower has been secured on the foundation.
- 4.8 Occupants of any building(s) adjacent to the construction site shall be timeously notified of the intent to erect a tower, and where deemed necessary requested to evacuate the building(s) during placement of the tower.

5. Site Establishment

- 5.1 No open fires are allowed on any site.
- 5.2 No alcohol is allowed on any site
- 5.3 Special arrangements must be made during the site survey for on site camping.
- 5.4 The main contractor must make waste bins available during the site build life cycle for rubbish.
- 5.5 Portable toilet facilities must be on site for the whole duration of the site build. This must be arranged by the main contractor but must be insisted upon if there are no alternative toilet facilities.
- 5.6 After completion of the works, excavated soil must be used to level the complete site area and the excess / unusable soil must be removed from site and discarded appropriately. The levelled area must be compacted.
- 5.7 All excess material must be removed from site. This includes excess aggregate.

6. Transport and Erection

- 6.1 The tower must be suitably protected from damage during transport. Suitable spacing material (wooden planks or thick cardboard) must be used as spacers to ensure that the tower members do not scuff and thereby cause damage to the galvanising.
- 6.2 Unloading of the tower on site must be supervised to ensure that the correct tower has arrived for that site and that the members are not thrown off the truck but unloaded with care.
- 6.3 The tower members must be packed out on site clear from the ground as per the packing list and checked that there are no missing components.

7. Conformance Certification

- 7.1 The Contractor's responsible engineer with a Pr. Eng. certification must certify that he has inspected the tower and satisfied himself that the site conditions and the tower erection is in accordance with his design and his design assumptions. The engineer could use a representative under his guidance to report back to him but this will in no way take away responsibility from the Professional Engineer that represents the tower manufacturer. The certificate is to be submitted as part of the as-built documentation.
- 7.2 The following minimum information must be supplied on the certificate:

- a. The Professional Engineer's full name, signature and registration number.
- b. The manufacturer's name and company address.
- c. The site name and number if applicable.
- d. The terrain category and false datum height for wind calculations of the site.
- e. The tower type and designed terrain category of the tower on site.
- f. The reference to this specification and his compliance thereto.
- g. The designed load as per this specification.
- h. The foundation bearing pressure obtained and required as per his design.
- i. Certification of the foundation.
- j. Certification of the erection.
- k. Special maintenance instructions.

8. As-built Documentation

- 8.1 A full set of tower erection and foundation drawings must be provided for each tower type, foundations, etc. These drawings are to be on site before work commences and they must be supplied to TFR on completion of the tower.
- 8.2 The drawings must include at least overall structure sizes, member sizes, bolt sizes, bolt torque's, material specifications, antennae brackets, platforms, cat-ladders, concrete mixes (by volume) loading assumptions, tower type and any other items of relevance that may be needed to identify the conditions for which the said tower is intended.
- 8.3 A paper copy of the documentation must be submitted to the site owner and another copy left at TFR's building on site. Electronic copies of the documentation must be submitted to the site owner.