

TRANSNET FREIGHT RAIL (RME)

Richards Bay, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[hereinafter referred to as **Transnet**]

REQUEST FOR QUOTATION [RFQ] No RME RBY 023 / 2014

FOR THE SUPPLY OF: O.H.T.F. SWITCHING EQUIPMENT

**FOR DELIVERY TO: TFR (RME) O.H.T.F. STORE AT 1 MORRIS ROAD, EMPANGENI
RAIL, OLD GODDSHED AREA.**

ISSUE DATE: 07 April 2014 TO 14 April 2014

CLOSING DATE: 15 April 2014

CLOSING TIME: 10:00

PREVIEW COPY ONLY

Section 1
NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

METHOD: Tender Submissions by fax or e-mail only. (Complete documents, with all supporting documents)

CLOSING VENUE: Fax/E-Mail tenders to; 011-774 9760/011-774 9129/011-774 9186 or Nomsa.maseko@transnet.net.

Transnet Freight Rail (RME), The Chairman of the Acquisition Council, Inyanda House 1, 21 Wellington Road, Parktown, Gauteng.

PROOF OF SUBMISSION: Please fax /e-mail your "PROOF" (Fax Report or E-Mail Proof) with first page of tender document that is stamped with company detail to, 086 515 9978/ or TCptendersRichardsBay@Transnet.net as proof that your submission was submitted successfully.

1 Responses to RFP Responses to this RFP [Quotations] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

2 Broad-Based Black Economic Empowerment [B-BBEE] Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. Transnet will accordingly allow "preference" to companies who provide a valid B-BBEE Verification Certificate. All procurement transactions will be evaluated accordingly.

2.1 B-BBEE Scorecard and Rating

As prescribed in terms of the Preferential Procurement Policy Framework Act (PPFA), Act 5 of 2000 and its Regulations, Respondents are to note that the following preference point system is applicable to all bids:

- the 80/20 system for requirements with a Rand value of up to R1 000 000 (all applicable taxes included).
- Bidders are to note that if the 80/20 preference point system is stipulated in this RFP and all Bids received exceed R1 000 000.00, the RFP must be cancelled.

The value of this bid is estimated to be below R1 000 000 (all applicable taxes included) and therefore the **80/20** system shall be applicable.

When Transnet invites prospective suppliers to submit Proposals for its various expenditure programmes, it requires Respondents to have their B-BBEE status verified in compliance with the Codes of Good Practice issued in terms of the Broad Based Black Economic Empowerment Act No. 53 of 2003.

Respondent's Signature

Date & Company Stamp

The Department of Trade and Industry recently revised the Codes of Good Practice on 11 October 2013 [Government Gazette No. 36928]. The Revised Codes will replace the Black Economic Empowerment Codes of Good Practice issued on 9 February 2007. The Revised Codes provide for a one year transitional period starting 11 October 2013. During the transitional period, companies may elect to be measured in terms of the Revised Codes or the 2007 version of the Codes. After the first year of the implementation of the Revised Codes, B-BBEE compliance will be measured in terms of the Revised Codes without any discretion. Companies which are governed by Sector-specific Codes will be measured in terms of those Sector Codes.

As such, Transnet will accept B-BBEE certificates issued based on the Revised Codes. Transnet will also continue to accept B-BBEE certificates issued in terms of the 2007 version of the Codes provided it was issued before 10 October 2014. Thereafter, Transnet will only accept B-BBEE certificates issued based on the Revised Codes.

Respondents are required to complete Annexure A [the B-BBEE Preference Point Claim Form] and submit it together with proof of their B-BBEE Status as stipulated in the Claim Form in order to obtain preference points for their B-BBEE status.

Note: Failure to submit a valid and original B-BBEE certificate or a certified copy thereof at the Closing Date of this RFQ will result in a score of zero being allocated for B-BBEE.

[Refer clause 20 below for Returnable Documents required]

3 Communication

- a) Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.
- b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:
- Name: Mr Eddie Quinn
Email: eddie.quinn@transnet.net
- c) Respondents may also, at any time after the closing date of the RFQ, communicate with the Regional Supply Chain Manager on any matter relating to its RFQ response:

Telephone 035 – 905 4609

Email lizelle.smith@transnet.net

4 Tax Clearance

The Respondent's original and valid Tax Clearance Certificate must accompany the Quotation. Note that no business shall be awarded to any Respondent whose tax matters have not been declared by SARS to be in order.

5 VAT Registration

The valid VAT registration number must be stated here: _____ *[if applicable].*

Respondent's Signature _____

_____ Date & Company Stamp

6 Legal Compliance

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

7 Changes to Quotations

Changes by the Respondent to its submission will not be considered after the closing date and time.

8 Pricing

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

9 Prices Subject to Confirmation

Prices quoted which are subject to confirmation will not be considered.

10 Negotiations

Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents.

11 Binding Offer

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicate).

12 Disclaimers

Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.

Transnet reserves the right to award business to the highest scoring bidder/s unless objective criteria justify the award to another bidder.

13 Transnet's supplier integrity pact

Transnet's Integrity Pact requires a commitment from suppliers and Transnet that they will not engage in any corrupt and fraudulent practices, anti-competitive practices; and act in bad faith towards each other.

The Integrity Pact also serves to communicate Transnet's Gift Policy as well as the remedies available to Transnet where a Respondent contravenes any provision of the Integrity Pact.

Respondents are required to familiarise themselves with the contents of the Integrity Pact which is available on the Transnet Internet site [www.transnet.net/Tenders/Pages/default.aspx] or on request. Furthermore, Respondents are required to certify that they have acquainted themselves with all the documentation comprising the Transnet Integrity Pact and that they fully comply with all the terms and conditions stipulated in the Transnet Supplier Integrity Pact as follows:

YES		NO	
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Should a Respondent need to declare previous transgressions or a serious breach of law in the preceding 5 years as required by Annexure A to the Integrity Pact, such declaration must accompany the Respondent's bid submission.

14 Evaluation Criteria

15 Transnet will utilise the following criteria [not necessarily in this order] in choosing a Supplier/Service Provider, if so required:

Criterion/Criteria	Explanation
Administrative responsiveness	Completeness of response and returnable documents
Substantive responsiveness	Prequalification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given.
Final weighted evaluation based on 80/20 preference point system as indicated in paragraph 2	<ul style="list-style-type: none"> • Pricing and price basis [firm] - whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts¹ will be critical • B-BBEE status of company - Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table indicated in Annexure A.

16 Validity Period

Transnet desires a validity period of 90 [ninety] days from the closing date of this RFQ. This RFQ is valid until _____.

17 Banking Details

¹ Only unconditional discounts will be taken into account during evaluation. A discount which has been offered conditionally will, despite not being taken into account for evaluation purposes, be implemented when payment is effected.

Respondent's Signature

Date & Company Stamp

BANK: _____
 BRANCH NAME / CODE: _____
 ACCOUNT HOLDER: _____
 ACCOUNT NUMBER: _____

18 Company Registration

Registration number of company / C.C. _____
 Registered name of company / C.C. _____

19 Disclosure of Prices Quoted

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

YES NO

20 Returnable Documents

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below.

- a) Respondents are required to submit with their Quotations the **Returnable Documents**, as detailed below.

Failure to provide all these Returnable Documents at the Closing Date and time of this RFQ may result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their Quotations.

All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the Respondent. Please confirm submission of these Returnable Documents by so indicating [Yes or No] in the table below:

Returnable Document	Submitted [Yes or No]
SECTION 1 : Notice to Bidders	
<ul style="list-style-type: none"> - Valid and original B-BBEE Verification Certificate or certified copy thereof [Large Enterprises and QSEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the RFQ will result in an automatic score of zero for preference - Valid and original B-BBEE certificate/sworn affidavit or certified copy thereof from auditor, accounting officer or SANVAS accredited Verification Agency [EMES] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the RFQ will result in an automatic score of zero being allocated for preference - In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement - Original valid Tax Clearance Certificate [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate for each party] 	

 Respondent's Signature

 Date & Company Stamp

Returnable Documents	Submitted [Yes or No]
SECTION 2 : Quotation Form	
SECTION 3: Vendor Application Form	
<ul style="list-style-type: none"> • Original cancelled cheque or bank verification of banking details • Certified copies of IDs of shareholder/directors/members [as applicable] • Certified copies of the relevant company registration documents from Companies and Intellectual Property Commission (CIPC) • Certified copies of the company's shareholding/director's portfolio • Entity's letterhead • Certified copy of VAT Registration Certificate [RSA entities only] • Certified copy of valid Company Registration Certificate [if applicable] • A signed letter from Respondent's auditor or accountant confirming most recent annual turnover figures 	
ANNEXURE A – B-BBEE Preference Points Claim Form:	

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Respondent's Signature

Date & Company Stamp

Section 2 QUOTATION FORM

I/We _____ hereby offer to supply the goods/services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

- the Standard Terms and Conditions for the Supply of Goods or Services to Transnet [available on request]; and
- any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

I/We accept that unless Transnet should otherwise decide and so inform me/us, this Quotation [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.

I/We further agree that if, after I/We have been notified of the acceptance of my/our Quotation, I/We fail to deliver the said goods/service/s within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations afresh and/or having to accept any less favourable offer.

Price Schedule

I/We quote as follows for the goods required, on a "delivered nominated destination" basis, excluding VAT

Item No	Description of Goods /Services	Unit of Measure	Quantity	Unit Price (ZAR)	Total Price (ZAR)
1	25KV Section Insulator for 161mm ² Contact Wire. Arthur Flury Type.	EA	4		
2	Track Switch Handle as per Drawing No: CEE -TLB -36	EA			
3	25KV AC Track Sectioning Switch.	EA	8		

Delivery Lead-Time from date of purchase order : _____ [days/weeks]

Notes to Pricing:

- a) All Prices must be quoted in South African Rand, exclusive of VAT
- b) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being disqualified.
- c) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

Respondent's Signature _____

_____ Date & Company Stamp

Section 3
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 copies** of the relevant company registration documents from Companies and Intellectual Property Commission (CIPC)
4. **Certified copies** of the company's shareholding/director's portfolio
5. A letter on the company's letterhead confirm physical and postal addresses
6. **Original** valid SARS Tax Clearance Certificate
7. **Certified copy** of VAT Registration Certificate
8. **A valid and original** B-BBEE Verification Certificate / sworn affidavit **or certified copy** thereof meeting the requirements for B-BBEE compliance as per the B-BBEE Codes of Good Practice
9. **Certified copy** of valid Company Registration Certificate [if applicable]

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Vendor Application Form

Company trading name						
Company registered name						
Company Registration Number or ID Number if a Sole Proprietor						
Form of entity [v/]	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor
VAT number [if registered]						
Company telephone number						
Company fax number						
Company email address						
Company website address						
Bank name					Branch & Branch code	
Account holder					Bank account number	
Postal address						

Respondent's Signature

Date & Company Stamp

Physical Address

Code

Code

Contact person

Designation

Telephone

Email

Annual turnover range [last financial year]

< R5 m

R5 - 35 m

> R35 m

Does your company provide

Products

Services

Both

Area of delivery

National

Provincial

Local

Is your company a public or private entity

Public

Private

Does your company have a Tax Directive or IR330 Certificate

Yes

No

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

Complete B-BBEE Ownership Details:

% Black ownership

% Black women ownership

% Disabled Black ownership

% Youth 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

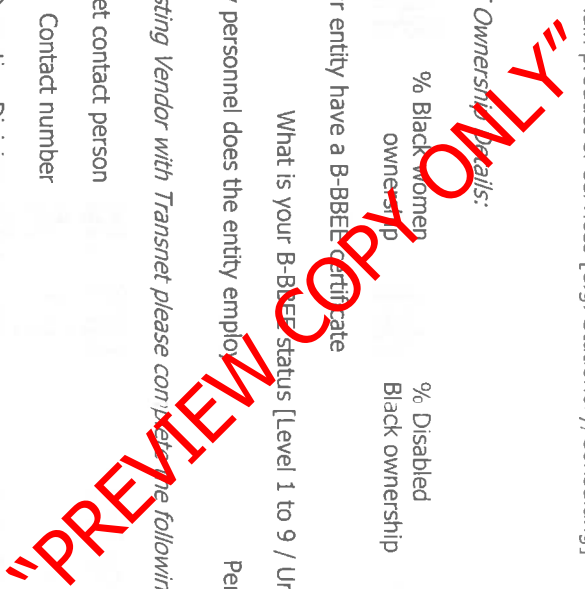
Transnet Operating Division

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

Name	Designation
Signature	Date

Respondent's Signature

Date & Company Stamp



ANNEXURE A: B-BBEE PREFERENCE POINTS CLAIM FORM

This preference form contains general information and serves as a claim for preference points for Broad-Based Black Economic Empowerment [**B-BBEE**] Status Level of Contribution.

1. INTRODUCTION

- 1.1 A total of 20 preference points shall be awarded for B-BBEE Status Level of Contribution.
- 1.2 Failure on the part of a Bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [**SANAS**] or a Registered Auditor approved by the Independent Regulatory Board of Auditors [**IRBA**] or an Accounting Officer as contemplated in the Close Corporation Act [**CCA**] together with the bid will be interpreted to mean that preference points for B-BBEE Status Level of Contribution are not claimed.

- 1.3 Transnet reserves the right to require of a Bidder, either before a Bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by Transnet.

2. GENERAL DEFINITIONS

- 2.1 **"all applicable taxes"** include value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skill development levies;
- 2.2 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **"B-BBEE status of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scored contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 1(1) of the Broad-Based Black Economic Empowerment Act;
- 2.4 **"Bid"** means a written offer in a prescribed or stipulated form in response to an invitation by Transnet for the provision of goods, works or services;
- 2.5 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 [Act No. 53 of 2003];
- 2.6 **"comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can utilised have been taken into consideration;
- 2.7 **"consortium or joint venture"** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skills and knowledge in an activity for the execution of a contract;
- 2.8 **"contract"** means the agreement that results from the acceptance of a bid by Transnet;
- 2.9 **"EME"** means any enterprise with an annual total revenue of R5 [five] million or less;

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- 2.10 **"firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs and excise duty and any other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;
- 2.11 **"functionality"** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **"non-firm prices"** means all prices other than "firm" prices;
- 2.13 **"person"** includes reference to a juristic person;
- 2.14 **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.15 **"subcontract"** means the primary contractor's assigning or leasing or making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.16 **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Empowerment Act and promulgated in the Government Gazette on 9 February 2007;
- 2.17 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.18 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.
- 3. ADJUDICATION USING A POINT SYSTEM**
- 3.1 The Bidder obtaining the highest number of total points of the evaluation criteria as enumerated in Section 2 of the RFP will be awarded the contract, unless objective criteria justifies the award to another bidder.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts.
- 3.3 Points scored will be rounded off to 2 [two] decimal places.
- 3.4 In the event of equal points scored, the Bid will be awarded to the Bidder scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more Bids have scored equal points including equal preference points for B-BBEE, the successful Bid will be the one scoring the highest score for functionality.
- 3.6 Should two or more Bids be equal in all respect, the award shall be decided by the drawing of lots.

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Date & Company Stamp

4. POINTS AWARDED FOR B-BBEE STATUS LEVEL OF CONTRIBUTION

- 4.1 In terms of Regulation 5(2) and 6(2) of the Preferential Procurement Regulations, 2011, preference points shall be awarded to a Bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-compliant contributor	0

Note: Refer to Section 1 of the RFP document for further information in terms of B-BBEE ratings.

- 4.2 Bidders who qualify as EMEs in terms of the B-BBEE Act must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EME's with B-BBEE Status Level Certificates.
- 4.3 Bidders other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 4.4 A trust, consortium or joint venture will qualify for points for its B-BBEE status level as a legal entity, provided that the entity submits its B-BBEE status level certificate.
- 4.5 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.
- 4.6 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialised scorecard contained in the B-BBEE Codes of Good Practice.
- 4.7 A person will not be awarded points for B-BBEE status level if it is indicated in the Bid documents that such a Bidder intends subcontracting more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not qualify for at least the same number of points that such a Bidder qualifies for, unless the intended subcontractor is an EME that has the capability and ability to execute the subcontract.
- 4.8 A person awarded a contract may not subcontract more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is subcontracted to an EME that has the

Respondent's Signature

Date & Company Stamp

capability and ability to execute the subcontract.

5. B-BBEE STATUS AND SUBCONTRACTING

5.1 Bidders who claim points in respect of B-BBEE Status Level of Contribution must complete the following:

B-BBEE Status Level of Contributor _____ = _____ [maximum of 20 points]

Note: Points claimed in respect of this paragraph 5.1 must be in accordance with the table reflected in paragraph 4.1 above and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or an Accounting Officer as contemplated in the Close Corporation Act.

5.2 Subcontracting:

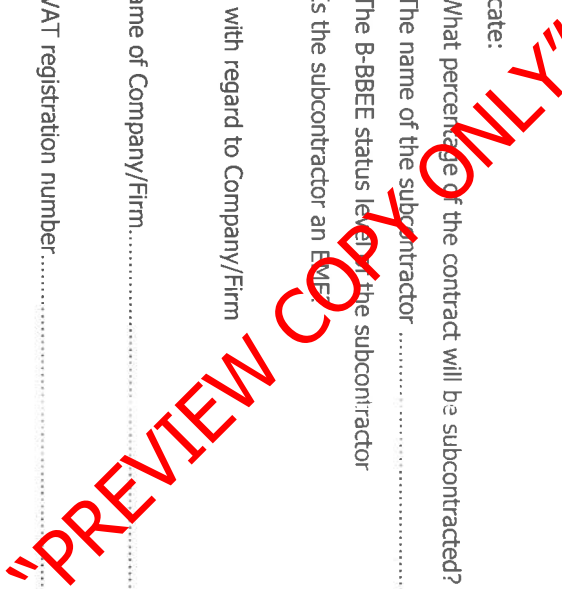
Will any portion of the contract be subcontracted? YES/NO [delete which is not applicable]

If YES, indicate:

- (i) What percentage of the contract will be subcontracted? %
- (ii) The name of the subcontractor
- (iii) The B-BBEE status level of the subcontractor
- (iv) Is the subcontractor an EMEF? YES/NO

5.3 Declaration with regard to Company/Firm

- (i) Name of Company/Firm..... ..
- (ii) VAT registration number..... ..
- (iii) Company registration number..... ..
- (iv) Type of Company / Firm
 - Partnership/Joint Venture/Consortium
 - One person business/sole propriety
 - Close Corporations
 - Company (Pty) Ltd
 - [TICK APPLICABLE BOX]
- (v) Describe Principal Business Activities
..... ..



Respondent's Signature _____

Date & Company Stamp _____

.....
.....
.....

(vi) Company Classification

- Manufacturer
 - Supplier
 - Professional Service Provider
 - Other Service Providers, e.g Transporter, etc
- [TICK APPLICABLE BOX]

(vii) Total number of years the company/firm has been in business.....

"PREVIEW COPY ONLY"

Respondent's Signature

Date & Company Stamp

BID DECLARATION

I/we, the undersigned, who warrants that he/she is duly authorised to do so on behalf of the company/firm, certify that points claimed, based on the B-BBEE status level of contribution indicated in paragraph 4 above, qualifies the company/firm for the preference(s) shown and I / we acknowledge that:

- (i) The information furnished is true and correct.
- (ii) In the event of a contract being awarded as a result of points claimed as shown in paragraph 6 above, the contractor may be required to furnish documentary proof to the satisfaction of Transnet that the claims are correct.
- (iii) If the B-BBEE status level of contribution has been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, Transnet may, in addition to any other remedy it may have:
 - (a) disqualify the person from the bidding process;
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
 - (d) restrict the Bidder or contractor, its shareholders and directors, and/or associated entities, or only the shareholders and directors who acted in a fraudulent manner, from obtaining business from Transnet for a period not exceeding 10 years, after the *audi alteram partem* (that the other side) rule has been applied; and/or
 - (e) forward the matter for criminal prosecution.

WITNESSES:

- 1.
- 2.

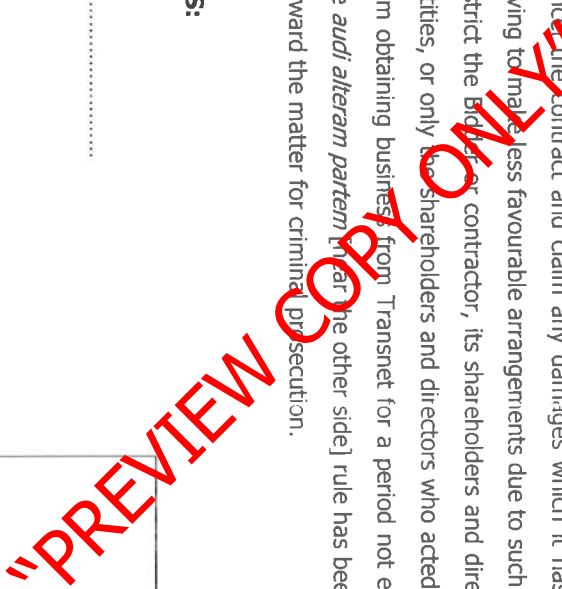
SIGNATURE OF BIDDER

DATE:

.....
COMPANY NAME:
ADDRESS:.....

Respondent's Signature

Date & Company Stamp



ANNEXURE B: SPECIFICATION OF GOODS

1. SCOPE - SUPPLY AND DELIVER 25KV TRACK SWITCH HANDLE

Tenders are invited for the supply and delivery of Track Switch Handle as per drawing no: CEE-TLB-36 for Transnet Freight Rail (RME) in Richards Bay.

1.1 SPECIFICATIONS

The specification is as per the attached drawing no: CEE-TLB-36, APPENDIX (i).

2. SCOPE – SUPPLY AND DELIVER SECTION INSULATOR FOR 161mm² COMYACT WIRE

Tenders are invited for the supply and delivery of Section Insulator as per Specification no: CEE-0056_2010 for Transnet Freight Rail (RME) in Richards Bay.

2.1 SPECIFICATIONS

The specification is as per the attached Specification no: CEE-0056_2010, APPENDIX (ii).

3. SCOPE – SUPPLY AND DELIVER 25KV TRACK SECTIONING SWITCH.

Tenders are invited for the supply and delivery of Track Sectioning Switch as per the Specification (3.1) mentioned below, for Transnet Freight Rail (RME) in Richards Bay.

3.1 SPECIFICATIONS

3.1.a Tenders are invited for the supply and delivery of 25KV track sectioning switch, for Transnet Freight Rail (RME) in Richards Bay.

3.1.b This specification covers the requirements of manually operated outdoor type, track switches for Transnet Freight rail 25KV AC 50 Hz electrification systems.

3.1.c The principal application of the track sectioning switches call for:

3.1.d Normal operation, namely on and off on heavy traction substation and the station feeder circuits to an overhead traction network and the sectioning of the network.

3.1.e The switch shall be rated as defined in clause 5.2

3.2 STANDARD SPECIFICATIONS

The following specifications are referred to herein:

SABS 936
SABS 121
SAR CEE-M5-1
SABS 62
BS 170
SAR SCLA-10

Respondent's Signature

Date & Company Stamp

3.2.a Alternatively the track sectioning switches and equipment offered in terms of this specification may be manufactured complying with recognised standards/specifications of the country origin. In such instances copies in English of the standards/specifications shall be submitted.

3.2.b All the concerned shall ensure that they are in possession of the latest issues of the above mentioned standards.

3.3 ATMOSPHERIC CONDITIONS

3.3.a The track sectioning switches shall be suitable for operation under the following atmospheric conditions:

Altitude	0 to 1800m above sea level
Ambient temperature	-5 ^o C to +40 ^o C
Relative humidity	as high as 86 %
Lightning conditions	Severe, Flash density 5, 75/km ² /year
Air pollution	Locomotive fumes

3.4. SERVICE CONDITIONS

3.4.a The track-section switches are required to operate on a nominal 25KV Ac 50Hz system, the voltage of which under normal operation may be between 19 and 27,5KV.

3.5 CONSTRUCTION AND PERFORMANCE

3.5.1 General

3.5.1.a The track switch shall be suitable for normal live built off-load operation and provided with arcing horns which must comply with clause 5.2.2 of this specification.

3.5.1.b The track switches specified herein shall be operated by an up and down movement of the rod similar to the track sectioning switches used by the Transnet Freight Rail.

3.5.1.c An adequate means of adjusting the position of the moving contacts related to the fixed contacts shall be provided.

3.5.1.d The switch shall "open" with the downward stroke and "close" with the upward stroke.

3.5.1.e The switch and the operating mechanism will be mounted on two separate galvanised steel frames, which in turn will be attached to the track switch structure.

3.5.1.f The Transnet Freight Rail will provide the platform and bolts or clamps for mounting the switch and the operation mechanism unless otherwise stated in the Contract documents.

3.5.1.g Standard water pipes according to SABS 62(metric units) and to a size specified by the tender shall be used as the operating rod between the switch and the operating mechanism. The sockets, connectors, rod adjusting devices, used in conjunction with the operating rods shall be supplied to the same standards and by the tenderer.

3.5.1.h All parts functioning as bearings or guide (except motor bearings and rod guides) shall be constructed of non-ferrous metal and shall be of self-lubricating type.

3.5.1.i The necessary mounting holes shall be drilled in the support frame of the switch.

3.5.2 Contacts of track-sectioning switch

3.5.2.a The track switches shall be capable of carrying 1000A continuously and shall conduct currents up to 10 000A for one second without harmful effects.

Respondent's Signature

Date & Company Stamp

3.5.2.b Normally the switch will operate under no-load conditions. However, copper arcing horns shall be provided. Good contact of the moving parts shall be maintained until the horns part. There shall be no possibility of the horns being set in vibration, or welding together under the operating conditions specified.

3.5.2.c The distance between any live portion of the switch and any metal portion normally earthed as well as the clearance in the open position between the fixed and moving contacts shall be at least 320mm.

3.5.2.d The main contacts and the other current carrying components of the track switch shall be of a suitable, corrosion resistant, high conductivity copper alloy, with exception of such springs, clips or other components required by the design for ensuring good contact. The tenderer shall give details of the type of copper alloy used.

3.5.2.e Provision shall be made for connecting two bare stranded hard-drawn copper conductors each 16,5mm in diameter (area 2x160mm²) to be both stationary terminals of the switch and the switch shall be supplied complete with all bolts, nuts, lugs, clamps etc. required to make these connections i.e. each pole to be provided with two connections.

3.5.2.f The stand-off insulator will be taken as being one stationary terminal of the switch with the connecting facilities as asked for under clause 5.2.5.

3.5.2.g The insulating qualities of the stand-off insulator shall not be less than that specified under clause 5.3.6 and the insulator shall be of the same height as the switch insulator.

3.5.2.h Provision shall be made for bolting a suitable number of flexible connections in parallel between the moving switch blade and the stationary stand-off insulator.

3.5.2.i The flexible connections shall be supplied with the switch whether a stand-off insulator is required or not and shall be made of a suitable number of stranded annealed copper conductors with an approved type of compression lug on either end, complete with all the necessary phosphor bronze or copper-nickel-silicon bolts and nuts.

3.5.3 Insulators

3.5.3.a The insulator shall be silicon rubber

3.5.3.b The size and design shall provide adequate mechanical strength for the purpose required and actual figures obtained during various types of tests carried out to prove this, shall be given.

3.5.3.c In this connection it must be borne in mind that if an insulator breaks and the switch does not open when operated a danger can arise to staff that have to work on or near the line. The mechanical strength shall therefore be very much in excess of the actual requirements and not less than that giving a factor of safety of 3.

3.5.3.d The insulators shall comply with class A insulators in accordance with specification SABS 177, where applicable and for the purpose of this type applicable the type may be taken as rigid line post insulators.

3.5.3.e The insulating qualities shall be as follows:

Impulse withstand : 250KV

Wet withstand : 95 at 50HZ

The creepage distance shall not be less than 1475mm except in polluted areas where it shall be 1475mm

3.5.4 Hardware

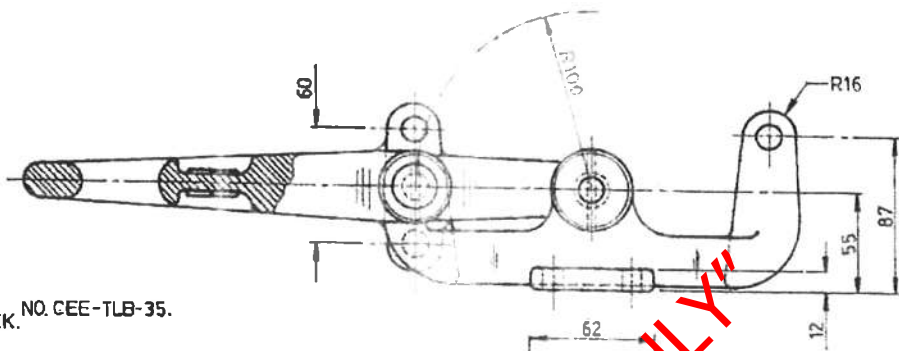
3.5.4.a All ferrous parts shall be spheroidal graphite iron complying with SABS 936(see clause 4.7.3). Ordinary cast iron will be acceptable. All ferrous parts shall be galvanized in accordance with specification SABS 121 and comply with tests described therein.

Respondent's Signature

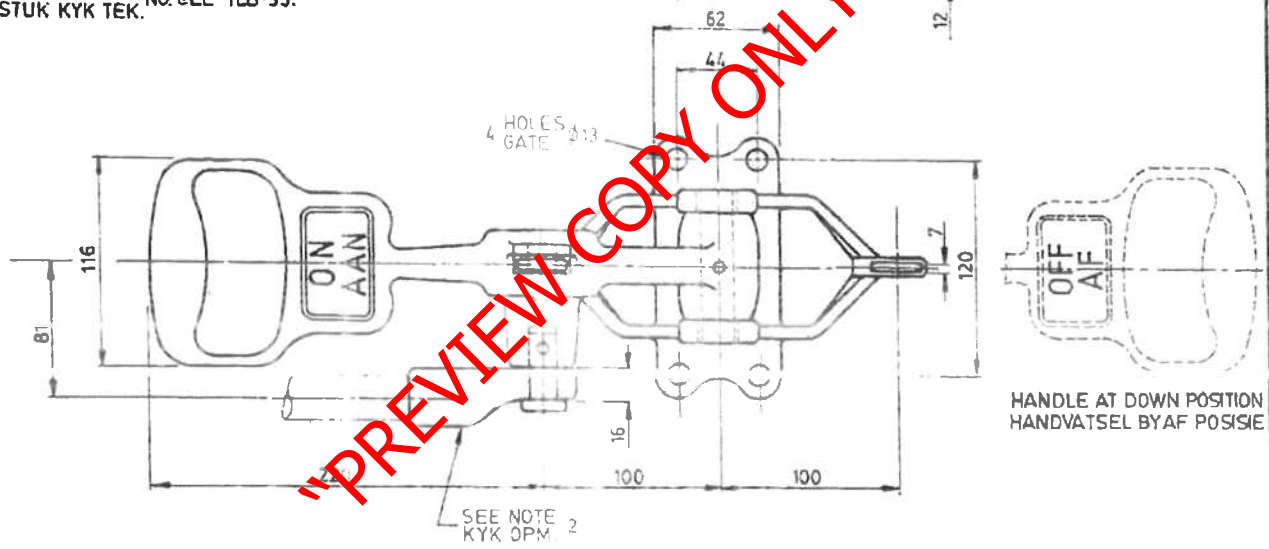
Date & Company Stamp

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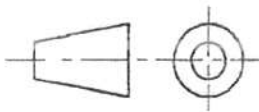
Appendix (i)



- NOTES / OPMERKINGS
1. REFER TO SPEC. CEE-0117-85
VERWYS NA SPES.
 2. FOR SWITCH ROD ADAPTOR SEE DRG. NO. CEE-TLB-35.
VIR SKAKELAARSTANG-PASSTUK KYK TEK.



HANDLE AT DOWN POSITION
HANDVATSEL BY AF POSISIE



DIMENSIONS: MILLIMETRES
AFMETINGS: MILLIMETER

NOT TO SCALE
NIE VOLGENS SKAAL

ORN _____	GEN TOLERANCES: LIN ± 0.5
GET _____	ALG TOLERANSIES: ANG/HOEK ± _____
TRCD _____	DO REF _____
NGT L. WOOD.	TK-VERW _____
CKD _____	DATE _____
NGS _____	DATUM _____
CHIEF ELECTRICAL ENGINEER	For _____ ns.
ELEKTRIESE HOOFINGENIEUR	JOHANNESBURG
SOUTH AFRICAN TRANSPORT SERVICES	
SUID-AFRIKAANSE VERVOERDIENSTE	

ELECTRIFICATION TYPES / ELECTRIFIKASIE TYPES: GENERAL / ALGEMEEN

HANDLE, SWITCH.
COMPLETE MECHANISM WITHOUT OPERATING ROD.
TYPE A.E.G. TRACK SWITCH

HANDVATSEL, SKAKELAAR-.
VOLLEDIGE MEGANISME SONDER WERKSTANG.
TIPPE A.E.G. BOBAANSKAKELAAR.

AMENDMENTS WYSIGINGS		
NO	NAME NAAM	DATE DATUM
2.	J. STEYN	87-03-13
REDRAWN & REVISED OORGETEKEN EN HERSIEN. DRG NO WAS ENW-E1G-5. TEK DO REF TK-VERW T85/48		

ELECTRIFICATION TYPES
REFERENCE DRG NO
CEE-MA-26 SH 7B
ELEKTRIFIKASIE TYPES
VERWYSINGSTEK-NO
CEE-MA-369 VEL 7B

MODULUS ITEM NO
(M) 54 / 1230

PREVIOUS ITEM NO
VORIGE ITEM NO
54 / 112201

DRAWING NO CEE-
TEKENING NO TLB-36

SHEET _____ OF _____
VEL _____ VAN _____

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Appendix (ii)



A Division of Transnet Limited

TECHNOLOGY MANAGEMENT SPECIFICATION

SPECIFICATION FOR SECTION INSULATORS FOR COMBINED 3 KV DC AND 25 KV AC OVERHEAD TRACK EQUIPMENT FOR CHANGE-OVER YARDS

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Technology Management

Approved: Senior Engineer L O Borchard
Technology Management

Authorised: Principal Engineer W A Coetzee
Technology Management

Date: 19 August 2010

Circulation Restricted To:
Transnet Freight Rail
Transnet and Relevant Third Parties

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1.0 SCOPE

- 1.1 This specification covers the Transnet Freight Rail requirements for bidirectional 3/25 kV section insulators, excluding catenary insulation, for changeover yards.

2.0 STANDARDS

- 2.1 Unless otherwise specified, all materials, equipment and testing methods shall comply with the current edition of the relevant IEC, SANS or Transnet Freight Rail publications where applicable.

- 2.2 The following specifications (latest edition) are referred to herein:

2.2.1 SOUTH AFRICAN NATIONAL STANDARDS (SANS)

SANS 60383-2: Insulators for overhead lines with a nominal voltage above 1 000 V Part 2

2.2.2 AMERICAN SOCIETY FOR TESTING AND MATERIALS (ASTM)

ASTM D 2303: Standard Test Methods for Liquid contaminant, inclined-plane tracking and erosion of insulating materials

3.0 METHOD OF TENDERING

- 3.1 Tenderers shall indicate clause-by-clause compliance with this specification. This shall take the form of a separate document listing all the specifications clause numbers indicating the individual statement of compliance or non-compliance. This document can be used by tenderers to elaborate on their response to a clause.

- 3.2 A statement of non-compliance shall be motivated by the tenderer.

- 3.3 Tenderers shall submit descriptive literature consisting of a detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered.

- 3.4 Failure to comply with clauses 3.1, 3.2 and 3.3 could exclude a tender from consideration.

4.0 SERVICE CONDITIONS**4.1 ENVIRONMENTAL CONDITIONS**

Altitude: 0 - 1800 m above sea level

Relative humidity: 10% to 90%

Ambient temperature: -10° C to +50° C

Wind pressure: 750 Pa

Lightning conditions: 12 ground flashes/km² per annum

Pollution: Heavily salt laden with industrial pollutants including diesel-electric locomotive emissions

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4.2 MECHANICAL CONDITIONS

Contact wire tension (new wire):	5.5 kN(min) to 22.5 kN(max.)
Required safety factor (overall):	2
Contact wire size:	161 mm ²

4.3 ELECTRICAL CONDITIONS

Highest voltage of system:	30 kV AC 3.9 kV DC
Lowest voltage of system:	19.9 kV AC 2.2 kV DC
Maximum commutated current:	2.7 kA
Maximum short circuit current:	35 kA

Note: The circuit breakers opening time on the occurrence of a fault is 60-150 milliseconds for 25 kV AC systems and 30-100 milliseconds for 3 kV DC systems.

5.0 DRAWINGS AND INSTRUCTIONS

- 5.1 Tenderers shall provide the following information at time of tendering to enable a proper adjudication to be made. Failure to do so shall be indicated in the "Statement of Compliance" and may lead to rejection of the tender. Where feasible, the information may be provided on the drawing:
- 5.1.1 A detailed drawing showing insulation inserts, runners, arcing horns and suspension arrangements with all relevant dimensions and in particular deviation, if any, from a plane surface after installation. (See clause 6 for design requirements.)
- 5.1.2 Details of insulating materials used. Resistance to Ultra-violet radiation shall be stated.
- 5.1.3 Detail and composition of metallic components used.
- 5.1.4 Minimum distance to be allowed between section insulators and catenary.
- 5.1.5 Details of adjusting height and level at rights angles as well as longitudinal, to the track.
- 5.1.6 Gross mass.
- 5.1.7 Details of adjustment of arcing horns.
- 5.1.8 Comprehensive instructions for installation and details of any special tools or equipment required.
- 5.1.9 List of railways and service conditions where the section insulator offered is in successful use.
- 5.1.10 Test certificates for tests called for in clause 7.2.
- 5.2 Photocopies of original documentation shall be clearly legible.

6.0 DESIGN REQUIREMENTS

- 6.1 The section insulators shall be of durable design and shall be capable of carrying out their functions reliably under the service conditions stated. They shall be suitable for bi-directional traffic at speeds of up to 50 km/h.

- 6.2 The gross mass of the section insulator shall not exceed 21 kg. (The mass of support droppers and fittings excluded.)
- 6.3 The overall width of that part of the section insulator in contact with the pantograph shall not exceed 330 mm.
- 6.4 The section insulator shall be provided with suitable runners of either metal or insulating material such that a smooth continuous running surface is present for the passage of a pantograph.
- 6.5 The design shall be such that electrical contact between pantograph and the overhead system will under no circumstances be completely broken whilst being traversed by the pantograph. Designs incorporating a gap longitudinally across the section insulator (i.e. with in-line runners) shall not be accepted.
- 6.6 Allowance shall be made in the design to ensure that no obstruction shall be formed to the passing pantograph should the section insulator fail to be set perfectly level in all planes with respect to the track.
- 6.7 The section insulator shall preferably present a perfectly plane running surface to the pantograph, when installed at the normal tension of 14.5 kN. If not perfectly plane, or if variations in tension can result in deviations from a perfect plane, the maximum allowable deviation shall be 6 mm at any point on the running surface, within the range of operating tensions quoted in clause 4.2.
- 6.8 All runners or parts in contact with the pantograph shall be of rigid design such that no part shall deflect by more than that specified in clause 6.7 whilst being subjected to the upward force of the pantograph of up to 90 N.
- 6.9 Arcing horns shall be provided and designed such to assist in extinguishing any arc. They shall also be placed such that the insulator used will not be damaged by the arcs drawn during operation and shall be of rigid design. The arc gap between arcing horns at different potential shall not be less than 150 mm. Each horn shall have a straight length above this air gap between 120 mm to 350 mm.
- 6.10 The main insulating material forming the insulation between the two circuits shall have a creepage length greater than 750 mm. It shall also be able to withstand abrasion resulting from the passage of pantographs (if applicable) as well as electric arcing and ultra-violet radiation.
- P.T.F.E. (Teflon) shall not be used if in direct contact with the pantograph.
- 6.11 Where composite insulators are used as main insulators the protective coating on the outside shall be bonded to the core such that no cavities are formed between the coating and the core. The protective coating shall be sealed at the ends to prevent the possibility of tracking along the insulator underneath the protective coating.
- Each insulator of this type shall be subjected to the water immersion test described in clause 7.3.
- 6.12 Clause 6.11 also applies to any other protection material provided to protect the insulation against arcing/flashover.
- 6.13 Supporting droppers shall (if provided) be insulated to prevent any arcing between the catenary wire and the droppers. The supporting droppers shall be adjustable either by means of turnbuckles or some other means of providing fine adjustments to its length. Droppers shall be protected by thimbles or similar means to prevent wear taking place at sharp edges.
- 6.14 Supporting droppers must be provided if the mass of the section insulator exceeds 5 kg or if its overall width is in excess of 75 mm.
- 6.15 Only non-corrosive materials shall be used in the construction of the section insulator. Brass may not be used.
- 6.16 Means of locking all bolts and screws shall be provided. All screw threads shall be of metal.

- 7.0 TESTS**
- 7.1 GENERAL**
- 7.1.1 The first section insulator shall be subjected to type tests as specified in clauses 7.2.
- 7.1.2 All main insulators of the composite type shall be subjected to the routine test as specified in clause 7.3.
- 7.1.3 A further five samples of the main insulator material shall be subjected to the type test as specified in clause 7.2.1.
- 7.1.4 The responsibility for arranging these tests shall rest with the tenderer although the Transnet Freight Rail reserves the right to perform such tests independently.
- 7.1.5 Transnet Freight Rail reserves the right to call for further type tests.
- 7.1.6 Transnet Freight Rail reserves the right to be present at all tests.
- 7.2 TYPE TESTS**
- 7.2.1 The insulating material (if of synthetic type) shall be tested for resistance to tracking in accordance with the test method described in ASTM D 2303. The average time to track 13 mm for five samples shall not be less than 24 hours at a constant test voltage of 2 kV with a constant contaminating flow rate as prescribed in ASTM D 2303. The cabinet in which the tracking test is performed shall be open at the top in order to create sufficient ventilation, thus limiting the relative humidity inside the chamber to a value that will not give false results. The flow rate of the contaminant should be accomplished by a gravity feed from a large reservoir mounted at a sufficient height to obtain the desired flow rate.
- 7.2.2 Impulse and power frequency tests shall be carried out on a complete section insulator in accordance with SANS 60383-2.
- 7.2.3 Mechanical load tests shall be carried out to establish whether the section insulator can withstand the maximum tension called for in clause 4.2 at a safety factor as specified in clause 4.2.
- 7.3 Water immersion tests shall be carried out as follows: (Routine test)
- 7.3.1 Immerse the sample in hot tap water (50 °C) and allow water to cool over 8 hours to approximately 20 °C.
- 7.3.2 Repeat 7.3.1 nine times.
- 7.3.3 After the 10th cycle, remove the sample from the water, wipe the surface dry with a paper towel and apply a DC test voltage of 25 kV/m length of insulator within 10 minutes. Measure the current after one minute on a DC ammeter with a resolution of 1 nA.
- 7.3.4 Insulators conducting more than 100 nA have failed the test and must be rejected.
- 8.0 SPARES**
- 8.1 Tenderers shall quote separately for the following spares:
- 8.1.1 Arcing horns
- 8.1.2 Main insulators
- 8.1.3 Metal runners (if not integrated with arcing horns)
- 8.2 The following information shall be made available for spares:
- 8.2.1 Complete ordering description

- 8.2.2 Name of manufacturer
- 8.2.3 Catalogue description number
- 8.2.4 Type and ordering number
- 9.0 TOOLS**
 - 9.1 Special tools for installation of the section insulators shall be quoted for separately,
- 10.0 PACKING**
 - 10.1 Each section insulator shall be packaged individually complete with arcing horns, suspension fittings, etc.

END

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