

RFQ / TENDER

Tender No: CRAC 9058



Vendor No: 11001386

BOARD LIST
BOARD LIST
TRANSNET FREIGHT RAIL
PROCUREMENT DEPARTMENT
2000

Purchaser : Samantha Mgwatyu
Telephone : 011 584 0738
Fax Number: 011 7749129

Please quote reference:
DD6/6000581843

Deliver to:
TFR Head Office
Supply Chain Services
2000 Johannesburg

Closing Date : 11.09.2012
Validity Date : 30.11.2012
RFQ No : 6000581843

1. RETURN OF QUOTATION/S:

SUPPLY AND INSTALL NEW BATTERY CHARGES AT UNION AND INDIA SUBSTATIONS UNDER THE CONTROL OF DEPOT ENGINEER, VEREENIGING.

THE RFQ DOCUMENTS ARE OBTAINABLE FROM THE OFFICE OF TRANSNET FREIGHT RAIL, TENDER ADVISE CENTRE, GROUND FLOOR, INYANDA HOUSE 1, WELLINGTON ROAD, PARKTOWN, DURING OFFICE HOURS 08:00 TO 15:00 AND NON-REFUNDABLE RFQ FEE OF R100.00 IS APPLICABLE PER RFQ. PAYMENT TO BE MADE TO TRANSNET FREIGHT RAIL, STANDARD BANK ACCOUNT NUMBER : 203158598, BRANCH CODE : 004805

THE DEPOSIT SLIP MUST REFLECT THE RFQ NUMBER AND THE COMPANY NAME. RECEIPT TO BE PRESENTED AT COLLECTION OF THE RFQ DOCUMENT.

QUOTATIONS MAYBE EMAILED OR FAXED TO : Thuli.mathebula@transnet.net / (011) 774-9129

1.1 QUOTATION/S MUST BE SUBMITTED PUNCTUALLY AT 10:00 ON OR BEFORE CLOSING DATE AND LATE QUOTATIONS WILL NOT BE CONSIDERED.

1.2 IF POSTED:

21 WELLINGTON ROAD
INYANDA HOUSE 1
PARKTOWN
2193

1.3, IF DELIVERED BY HAND:

TRANSNET FREIGHT RAIL-SUPPLY CHAIN SERVICES
21 WELLINGTON ROAD
INYANDA HOUSE 1
PARKTOWN

DATE:

SIGNATURE OF TENDERER(S):

CONTACT PERSON: TEL No:

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2. CONDITIONS:

2.2 ANY PURCHASE ORDER PLACED AS A RESULT OF YOUR QUOTATION WILL BE SUBJECT TO THE STANDARD TERMS AND CONDITIONS OF CONTRACT, FORM US7, (LATEST), GENERAL TENDER CONDITIONS, FORM CSS5 (LATEST) AND CONDITIONS MENTIONED HEREIN.

2.3 TENDERERS MAY OFFER AN EARLIER VALIDITY DATE, BUT THEIR QUOTATION MAY, IN THAT EVENT, BE DISREGARDED FOR THIS REASON.

2.4 TENDERERS ARE REQUIRED TO OFFER ONLY FIRM PRICES. PRICES SUBJECT TO REVIEW IN TERMS OF CLAUSE 32 OF FORM US7 WILL ONLY BE CONSIDERED SHOULD THE DELIVERY PERIOD REQUIRED EXCEED 6 MONTHS.

2.5 BEST DELIVERY TIME MUST BE OFFERED.

2.6 DISCOUNT (TRADE DISCOUNT) CASH DISCOUNT (CONDITONAL DISCOUNT) VALUE VALUE ADDED TAX (VAT) MUST BE SHOWN SEPARATELY.

2.7 TRANSNET RESERVES THE RIGHT TO NEGOTIATE PRICES AND COMMERCIAL ASPECTS AFTER THE CLOSING DATE OF THE QUOTATION.

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2.8 DIRECT DELIVERY INTIMATES DELIVERY BEING EFFECTED INTO THE WAREHOUSE OR THE ACTUAL POINT OF SUPPLY AND SHOULD THEREFORE INCLUDE ANY TRANSPORTATION MODE DEEMED NECESSARY IN EXECUTING THIS METHOD OF DELIVERY BASIS IN ORDER TO MEET THE REQUIRED DELIVERY DATE.

TAX CLEARANCE CERTIFICATES:

The Regulations in terms of the Public Finance Management Act, 1999: Framework for Supply Chain Management as published in Government Gazette No. 25767 dated 5 December 2003, Clause 9 (1) (d), stipulates that the accounting officer or accounting authority of an institution to which these regulations apply must reject any bid from a supplier who fails to provide written proof from the South African Revenue that the supplier either has no outstanding tax obligations or has made arrangements to meet outstanding tax obligations.

Tenderers will be disqualified if a valid tax clearance certificate or written proof from the South African Revenue Service that supplier has made arrangements to meet outstanding tax obligations is not submitted with the tender.

COMPANY DETAILS:

NAME OF COMPANY: _____
CONTACT PERSON: _____
TEL. NO. _____ FAX NO: _____
REG. NO. _____

BROAD BASED BLACK ECONOMIC EMPOWERMENT (BBBEE)

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 will therefore prefer to do business with local business enterprises who share these same values. Transnet will endeavour to do business with local business enterprises that possess a BBBEE "recognition level" of at least a level 5. Transnet urges Tenderers (large enterprises and QSE's - see below) to have themselves accredited by any one of the various Accreditation Agencies available, who do their BBBEE ratings in accordance with the latest Codes (i.e. those promulgated on 9 February 2007) and whose names appear on the present ABVA (Association of BEE Verification Agencies) - "List of Full Members" as displayed on the ABVA website (www.abva.co.za).

Although no agencies have, as yet, been accredited by SANAS (SA National Accreditation System), Transnet will, in the interim, accept rating certificates of tenderers who have been verified by any of the listed agencies.

Enterprises will be rated by such agency based on the following:

1. Large Enterprises (i.e. annual turnover >R35million:
" Rating level based on all seven elements of the BBBEE scorecard.
2. Qualifying Small Enterprises - (QSE) (i.e. annual turnover >R5million but <R35million:
" Rating based on any four elements of the BBBEE scorecard.

NB:

3. Emerging Micro Enterprises - (EME) (i.e. annual turnover <R5m) are exempted from being rated/verified:
" Automatic rating of Level 4 BBBEE irrespective of race of ownership, i.e. 100% BBBEE recognition
" Black ownership >50% or Black Women ownership >30% automatically qualifies as Level 3 BBBEE, i.e. 110% BBBEE recognition
" EME's should provide certified documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% from the EME's Auditor/Accounting Officer.

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4. In addition to the above, Tenderers who wish to enter into a Joint Venture or subcontract portions of the contract to BBBEE companies, must state in their tenders the percentage of the total contract value that will be allocated to such BBBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBBEE JV-partners and / or sub-contractor/s, as well as a breakdown of the distribution of the aforementioned percentage must also be furnished

In view of the high emphasis which Transnet places on Broad-based Black Economic Empowerment, Transnet will allow certain preference points for BBBEE in the evaluation of all responses. Depending upon the value of the ensuing business award (i.e. below or in excess of R2m), the 80/20 or 90/10 point preference systems will be utilized where BBBEE will count out of 20 or 10 respectively in the evaluation process.

EACH RESPONDENT IS REQUIRED TO FURNISH PROOF OF THE ABOVE TO TRANSNET. FAILURE TO DO SO WILL RESULT IN A SCORE OF ZERO BEING ALLOCATED FOR BBBEE.

Turnover: Kindly indicate your company's annual turnover for the past year R _____

" If annual turnover <R5m, please attach certified confirmation from your Auditor/Accounting Officer

" If annual turnover >R5m please attach original or certified copy of accreditation certificate and detailed scorecard by an ABVA accreditation agency (registered as a "Full Member")

PAYMENT TERMS

The following payment terms will apply as from 1 October 2008.

" All suppliers will be paid 30 days from receipt of month end statement, i.e. payment term F055.

CONDITIONS:

This quotation is subject to the provisions of the Standard Terms and Conditions of Contract, Form US7, (Latest) and the General Tender Conditions, Form CSS5 (Latest) and any other standard or special conditions mentioned and/or embodied in the quotation request.

SCHEDULE OF REQUIREMENTS

PRICES TENDERED ARE TO BE "DIRECT" AND EXCLUDE VAT.

IN THIS REGARD THE TENDERER'S ATTENTION IS DIRECTED TO PARAGRAPH 16 OF FORM CSS5 (LATEST).

DATE:

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TRANSNET INSISTS ON HONESTY AND INTEGRITY BEYOND REPROACH AT ALL TIMES AND WILL NOT TOLERATE ANY FORM OF IMPROPER INFLUENCING, BRIBERY, CORRUPTION, FRAUD, OR ANY OTHER UNETHICAL CONDUCT ON THE PART OF BIDDERS/ TRANSNET EMPLOYEES. IF, IN THE OPINION OF TRANSNET'S CHIEF OPERATING OFFICER, A TENDERER / CONTRACTOR / SUPPLIER HAS OR HAS CAUSED TO BE PROMISED, OFFERED OR GIVEN TO ANY TRANSNET EMPLOYEE, ANY BRIBE, COMMISSION, GIFT, LOAN, ADVANTAGE OR OTHER COSIDERATION, TRANSNET SHALL BE ENTITLED TO REVOKE THE TENDER / CONTRACT BY FOLLOWING ITS INTERNAL POLICIES THAT GOVERN THE ECLUSION PROCESS. IN SUCH AN EVENT TRANSNET WILL BE ENTITLED TO PLACE ANY TENDERER / CONTRACTOR / SUPPLIER WHO HAS CONTRAVENED THE PROVISIONS OF TRANSNET'S BUSINESS ETHICS ON ITS LIST OF EXCLUDED TENDERERS. THIS LIST WILL ALSO BE DISTRIBUTED TO ALL OTHER STATE OWNED ENTERPRISES AND GOVERNMENT DEPARTMENTS.

TRANSNET INVITES ITS VALUED SUPPLIERS TO REPORT ANY ALLEGATIONS OF FRAUDCORRUPTION OR OTHER UNETHICAL ACTIVITIES TO TRANSNET TIP-OFFS ANONYMOUS,AT ANY OF THE FOLLOWING ADDRESSES / CONTACT NUMBERS:-

TOLL-FREE ANONYMOUS HOTLINE - 0800 003 056
EMAIL - Transnet@tip-offs.com
FAX NUMBER - 0800 007 788
FREEPOST DN 298, UMHLANGA ROCKS, 4320

CONFIDENTIALITY IS QUARANTEED

Item	Qty	Material	Description	R.....
00010	1	Battery		Each

Delivery Date: 08.10.2012

FULL DETAILS OF DESCRIPTION

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DATE:

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3. ADDITIONAL INFORMATION REQUIRED: (WHERE APPLICABLE)

3.1 THE FOLLOWING ADDITIONAL INFORMATION IS REQUIRED:

- (A) DISCOUNT:
- (B) SETTLEMENT DISCOUNT:.....
- (C) PRICE/S FIRM:
- (D) PRICE/S FIRM UNTIL THEREAFTER SUBJECT TO REVIEW.
- (E) PRICE/S NOT FIRM:
- (F) SABS MARK:
- (G) SABS PERMIT NO:
- (H) BRAND/MAKE/TYPE:
- (I) FULL NAME AND ADDRESS OF MANUFACTURER.:

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

- (J) FULL NAME AND ADDRESS OF INSPECTION POINT:

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

- (K) COUNTRY OF ORIGIN:

Comply : _____ Does not Comply : _____ Not applicable : _____

Justification :

- (L) SURPLUS MATERIAL:

TENDERERS MUST INDICATE IF THEY WILL BE PREPARED TO PURCHASE BACK FROM TRANSNET ANY SURPLUS MATERIAL WHICH MAY BECOME AVAILABLE FROM ANY RESULTING PURCHASE ORDER/CONTRACT ORIGINATED FROM THE QUOTATION SUBMITTED:

.....

- (M) PAYMENT OVERSEAS:

ONLY IF TRANSNET LIMITED IS REQUESTED BY THE TENDERER TO EFFECT PAYMENT OVERSEAS DIRECT TO THE TENDERER'S PRINCIPAL/SUPPLIER THE FOLLOWING INFORMATION IS REQUIRED:

* EXCHANGE RATE ON WHICH THE QUOTATION PRICE IS BASED: R1,00 (S.A. CURRENCY) BEING EQUAL TO (FOREIGN CURRENCY)

* PERCENTAGE IN RELATION TO THE QUOTATION PRICE TO BE REMITTED OVERSEAS:

.....

* NAME OF COUNTRY TO WHICH PAYMENT IS TO BE MADE:

.....
.....

* APPLICABLE DATE OF EXCHANGE RATE:

.....

* BENEFICIARY'S NAME AND FULL ADDRESS:

.....
.....

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* BENEFICIARY'S BANKERS AND FULL ADDRESS:
.....
.....
.....

* APPLICABLE ACCOUNT NUMBER:
.....

(N) DELIVERY DATE:

TENDERERS MUST FURNISH THEIR ACTUAL DELIVERY AND MANUFACTURING PERIOD HEREUNDER NOTWITHSTANDING THE DELIVERY DATES SPECIFIED BY TRANSNET.

THE FOLLOWING MUST ALSO BE FURNISHED IN REGARD TO THE ABOVE:

1. PERIOD REQUIRED TO OBTAIN RAW MATERIAL.(DAYS)
2. MANUFACTURING PERIOD.(DAYS)
3. PERIOD TO TRANSPORT MATERIAL TO DESTINATION.(DAYS)

MATERIAL NO.	1.(PERIOD)	2.(PERIOD)	3.(PERIOD)
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

INDICATE THE PERCENTAGE (%) OF THE PRICE THAT IS SUBJECT TO THE VARIABLE COPPER FEE: -----%.

DATE:

SIGNATURE OF TENDERER(S):

1 Contract Data

The Employer is

Name Transnet Limited Trading as Transnet Freight Rail

Address 1 ANVIL ROAD, ISANDO, KEMPTON PARK
1620

Telephone (011) 570 7491 Fax No. (086) 634 7177

E-mail zola.gubu@transnet.net

The works is **Supply, Transport, and Install, Test and commission Battery Chargers**

The site is **Union and India Tie Substations**

The starting date is

The completion date is

The reply period is weeks

The defects date is weeks after
completion

The defect correction period is weeks

The delay damages are per day

The assessment day is the **13th (thirteen)**..... of each
month

The retention is **N/A** %

Does the United Kingdom Housing Grants, Construction and Regeneration Act (1996) apply? **No**

The Adjudicator is

Name To be advised if disputes arises.....
Address
Telephone Fax No.
E-mail

Contract Data

The interest rate on late payment is % per complete week of delay.

The Contractor is not liable to the Employer for loss of or damage to the Employer's property in excess of..... for any one event.

The Employer provides this

Insurance Transnet Principal Control Insurance

The minimum amount of cover for the fourth insurance stated in the

Insurance Table is

The adjudicator nominating the body is **The Chairman of the Association of Arbitrators (Southern Africa)**

The tribunal is **Arbitration**.....

If the tribunal is arbitration, the arbitration procedure is **The rules for the Conduct of Arbitrators of the Association of Arbitrators (Southern Africa)**.....

The conditions of contract are the NEC3 Engineering and Construction Short Contract (June 2005) and the following additional conditions:

As mentioned in paragraph 1.0 (Contractual obligations)

2 CONTRACTUAL OBLIGATIONS

- 1.1 The Contractor shall not make use of any sub-Contractor to perform the works or parts thereof without prior permission from the Project Manager.
- 1.2 The Contractor shall ensure that a safety representative is at site at all times. All safety measures prescribed by Transnet Freight Rail – Electrical Safety Instructions and the “Occupational Health and Safety Act 1993 (Act 85 of 1993)” associated with working on a project of this nature shall be adhered to.
- 1.3 The Contractor shall supply a **site diary** (with triplicate pages). This book shall be used to record any unusual events during the period of the work. Any delays to the work shall also be recorded such as delays caused by poor weather conditions, delays caused by permits being cancelled etc. The appointed Project Manager or Technical Officer must countersign such delays. Other delays such as non-availability of equipment from 3rd party suppliers must be communicated to the Project Manager or Technical Officer in writing.
- 1.4 The Contractor shall supply a **site instruction book** (with triplicate pages). This book shall be used to record any instructions to the Contractor regarding problems encountered on site – for example the quality of work or the placement of equipment. This book shall be filled in by the Project Manager or Technical Officer and must be countersigned by the Contractor.
- 1.5 Both books mentioned in 1.3 and 1.4 shall be the property of Transnet Freight Rail and shall be handed over to the Project Manager or Technical Officer on the day of energising or handing over.
- 1.6 A penalty charge of 0.07% per day of the total contract value will be levied for late completion.
- 1.7 10% retention money will be retained and will be released 12 months after the completion date of the contract.
- 1.8 The successful Contractor shall provide a Gantt or a similar chart showing when the works will be done and energised. A final chart should be submitted to the Project Manager or Supervisor within 14 days after the award has been made to the successful Contractor.
- 1.9 All processes or the manufacture and assembly of the product components must be subjected to a quality assurance system.
- 1.10 The Contractor will assume full responsibility for assuring that the products purchased meet the requirements of Transnet Freight Rail for function, performance, and reliability, including purchased products from 3rd part suppliers.
- 1.11 The onus is on the manufacturer to prove the effectiveness of their system to Transnet Freight Rail during the production of the prototype.
- 1.12 ISO.9000 to 9004 inclusive (SABS 0157 parts 1 to 4) must be regarded as a guideline, where applicable.
- 1.13 The Contractor will remain liable for contractual delivery dates irrespective of deficiencies discovered during workshop inspections.

2.0 TENDERING PROCEDURE

- 2.1 An addendum reflecting changes to the project specification and 'Bill of Quantities' shall be forwarded to Contractors after the site meeting and Contractors should quote accordingly.
- 2.2 Contractors shall duly fill in the attached 'Bill of Quantities'. The prices shall be fixed for the duration of the contract (12 months) and no escalation will be allowed. Items not reflected in this Schedule, but covered in the project specification or agreed at site meetings, shall be added to the 'Bill of Quantities' by the Contractor and quoted for accordingly.
- 2.3 Contractors shall submit qualifications of the staff that will be performing the works. Only qualified technical personnel shall perform the works on the electrical equipment or installations. During the duration of the contract the successful Contractor will be required to inform the Technical Officer of any staff changes and provide the qualifications of the replacement staff for approval.
- 2.4 Contractors shall indicate clause-by-clause compliance with the 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 Contractors to elaborate on their clause.
- 2.5 Contractors shall motivate a statement of non-compliance.
- 2.6 Where equipment offered does not comply with standards or publications referred to in the specification, Contractors shall state which standards apply and submit a copy in English or certified translation.
- 2.7 Contractors shall submit descriptive literature consisting of detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered. During the duration of the contract period, the successful Contractor will be required to inform the Project Manager / Technical Officer of changes to equipment offered and submit detailed information on replacement equipment for approval prior to it being used on this contract.
- 2.8 Contractors shall submit equipment type test certificates as specified with the Tender. These shall be in English or certified translation.

Contract Data

The Contractor's Offer

The Contractor is

Name

Address

Telephone **Fax No.**

E-mail

The percentage for overheads and profit added to the Defined Cost for people is.....%.

The percentage for overheads and profit added to other Defined Cost is.....%.

The Contractor offers to Provide the Works in accordance with the *conditions of contract* for an amount to be determined in accordance with the *conditions of contract*.

The offered total of the Prices is

Signed on behalf of the Contractor

Name

Position

Signature **Date**

The Employer's Acceptance

The Employer accepts the Contractor's Offer to Provide the Works

Signed on behalf of the Employer

Name

Position

Signature Date

Contract Data					
Price List					
Item	Description	Unit	Quantity	Rate	Price
A	INDIA TIE STATION.				
	Battery Charger				
1	Dismantle, Transport the old Batteries to Germiston Depot	each	1		
2	Supply, deliver and Install new 35A Battery Charger with a holding coil	each	1		
3	Installation, Testing and Commissioning.	sum	1		
4	P's and G's (Labour, site establishment, transport, civil works, soil testing and preparations, etc)	sum	1		
5	Security	sum	1		
6	Sub-Total for India	R			
A					

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Contract Data
Price List

Item	Description	Unit	Quantit	Rate	Price
B	UNION TIE STATION.				
	Battery				
1	Dismantle, Transport the old Batteries to Germiston Depot	each	1		
2	Supply, deliver and Install new 35A Battery Charger with a holding coil	each	1		
3	Installation, Testing and Commissioning.	sum	1		
4	P's and G's (Labour, site establishment, transport, civil works, soil testing and preparations, etc)	sum	1		
5	Security	sum	1		
6	Sub-Total for Union	R			
B					

SUMMARY OF PRICES

A	Total for India =	R
B	Total for Union =	R
C	Grand Total (A+B) =	R
D	Contingency (10 % of C) =	R
E	Gross Total C+D) =	R
F	VAT (14% of E) =	R
G	Amount Due (E+F) =	R

3. DESCRIPTION OF WORK

- 3.1 Disconnect, dismantle and remove the existing Battery Chargers.
- 3.2 Transport the old Battery Chargers to Germiston Depot.
- 3.3 Supply, deliver, install and connect the new Battery Chargers in accordance with Transnet specification BBB2502.
- 3.4 The Contractor to supply Drawings and Catalogues for equipment supplied as per CEE0224 Issue 2002.
- 3.5 Test, commission and hand over the equipment

4. TESTS

- 4.1 The contractor shall be responsible for carrying out on-site tests and commissioning of the equipment installed in terms of this specification and the contractual agreement.
- 4.2 Functional on-site tests shall be on all items of equipment and circuitry to prove the proper functioning and installation thereof.
- 4.3 The contractor shall submit a detailed list of on-site tests for approval by the technical Officer.
- 4.4 The contractor shall arrange for the Technical Officer or his representative to be present to witness the on-site tests at the substation 7 days before they start.
- 4.5 On-site tests shall include the following:
 - The functionality of all electrical circuitry.
- 4.6 At the completion of the on-site tests the Technical Officer or his representative shall either sign the test sheet (supplied by the contractor) as having witnessed the satisfactory completion thereof, or hand to the contractor a list of defects requiring rectification.
- 4.7 Upon rectification of defects the contractor shall arrange for the Technical Officer or his representative to certify satisfactory completion of on-site tests for the substation.
- 4.8 Acceptance by the Technical Officer of satisfactory completion of on-site tests in **NO** way relieves the contractor of his obligation to rectify defects which may have been overlooked or become evident at a later stage.

5 COMMISSIONING OF EQUIPMENT

- 5.3 Commissioning will only take place after all defects have been rectified to the satisfaction of the Technical Officer.
- 5.4 The contractor must prove the satisfactory operation of equipment under live conditions.

5.5 On completion of commissioning the contractor will hand the equipment over to the Technical Officer in terms of the relevant instruction

5.6 The contractor shall be present during the testing and setting of the protection to rectify any faults found

6 GUARANTEE AND DEFECTS

6.1 The contractor shall guarantee the satisfactory operation of the complete electrical installation supplied and installed by him and accept liability for maker's defects which may appear in design, materials and workmanship.

6.2 The guarantee period for all substations shall expire after :-A period of 12 months commencing on the date of completion of the contract or the date the equipment is handed over to Transnet Freight Rail whichever is later.

6.3 Any specific type of fault occurring three times within the guarantee period and which cannot be proven to be due to other faulty equipment not forming part of this contract e.g., faulty locomotive or overhead track equipment, etc., shall automatically be deemed an inherent defect. Such inherent defect shall be fully rectified to the satisfaction of the Technical Officer and at the cost of the Contractor.

6.4 If urgent repairs have to be carried out by Transnet Freight Rail staff to maintain supply during the guarantee period the contractor shall inspect such repairs to ensure that the guarantee period is not affected and should they be covered by the guarantee, reimburse Spoornet the cost of material and labour.

7 DURATION OF WORK

7.1 The completion date of work shall not be later than 15 working days. **After** notification date/letter/has been issued to the successful Contractor, stating that this work/ contract have been awarded to him/her.

8 WORK TO BE DONE BY TRANSNET

8.1 Transnet freight rail will have a certified person on site at all times for isolating of Electrical equipment and issuing of the work permits.

8.2 Transnet freight rail will assist the contractor with any information he might need and to supervise the Contractor's work from time to time.

8.3 All enquiries by the contractor on any item not included in this specification must be referred to the Project Manager.

9 STANDARDS

9.1 Unless otherwise specified all materials and equipment supplied shall comply with the current edition of the relevant BS, IEC, SABS or Transnet Freight Rail publication where applicable.

The following publications are referred to in this specification.

10 South African Bureau of Standards

SANS 10142-1 : Wiring code

11 International Electro technical Commission

12 British Standards Institution

13 Transnet Specifications

BBD8210 Specification for general work and works on, over, under or adjacent to railway lines and near high voltage equipment.

CEE0224 Iss2002 Drawings, catalogues, instruction manuals and spares lists for electrical equipment supplied under contract

CEE0023.90 Specification for the installation of cables

14 DRAWINGS

CEE-TBD-7 Earthing arrangement for traction substations

NOTE: Any other specifications referenced in the above mentioned specification, will be for information purposes and may be provided on request.

Occupational Health and Safety Act No. 85 of 1993 (Available at depot for referral)

15 Constraints on how the *Contractor* Provides the Works

The constraints shall be as specified in the specifications of the particular equipment.

16 Services and other things provided by the *Employer*

Transnet Freight Rail shall have an electrician available for isolation and the erection of barriers to live electrical equipment and issuing of work permits.

Upon successful completion of the works to the satisfaction of Transnet Freight Rail, Transnet Freight Rail shall perform necessary protection tests and commission the equipment.

17 SITE INFORMATION

The works shall be performed at **India and Union Tie Station**.

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