

TRANSNET



TRANSNET SOC LIMITED
(REGISTRATION NO.1990/00091/30)
TRADING AS
TRANSNET FREIGHT RAIL

NEC3 Engineering & Construction Short Contract
(ECSC)

RFQ No. ERAC-FDT-017141 CIDB

SUPPLY AND INSTALL AC DISCONNECT, POSITIVE ISOLATOR CONTROL PANELS AT 3KV DC TRACTION SUBSTATION UNDER THE CONTROL OF THE DEPOT ENGINEER ERMELO

OPENING DATE: 16 APRIL 2015
CLOSING DATE: 28 April 2015 (at 10h00)
PRICE VALIDITY DATE: 31 JULY 2015

Compulsory PPE to be worn during the site briefing meeting

Document reference	Title: Supply and install AC disconnect, Positive Isolator Control Panels at 3kV DC Traction substation under the control of the Depot Engineer Ermelo	No of pages
	THE TENDER	
Part T1	Tendering procedures	01
T1.1	Tender Notice and Invitation to Tender	04
	• Suppliers Code of Conduct	04
T1.2	Tender Data	09
Part T2	Returnable documents	01
T2.1	List of Returnable Documents/Schedules	03
T2.2	Returnable Schedules	32
	THE CONTRACT	
Part C1	Agreement and Contract Data	01
C1.1	Contract Data: Works Information	04
C1.2	Contract Data: The Contractor's Offer & Acceptance	01
Part C2	Pricing Data	01
C2.1	Pricing Instructions	02
C2.2	Price list	01
Part C3	Scope of Work	01
C3.1	Works Information	05
C3.2	Secondary Specifications	48
C3.3	General Specifications	30
Part C4	Site information	01
C4.1	Site Information	01

Part T1: Tendering Procedures

"PREVIEW COPY ONLY"

PART T1: TENDERING PROCEDURES

T1.1 TENDER NOTICE AND INVITATION TO TENDER

RFQ No ERAC-FDT-017141 CIDB

Transnet SOC Limited trading as Transnet Freight Rail invites tenderers for the **Supply and installation of AC disconnect, Positive Isolator Control Panels at 3kV DC Traction substation under the control of the Depot Engineer Ermelo**

Tenderers should have a CIDB contractor grading designation of **2E1**

Queries relating to the administrative issues of these documents may be addressed to:

Mr. Nhlanhla Vilakazi

Tel. No. 013 656 4296

Fax. No. 013 656 4259

E-mail: Nhlanhla.Vilakazi@transnet.net

A compulsory clarification meeting with representatives of the Employer will take place on **Tuesday, 22nd April 2015, at 10H00** at the **Electrical Department, 22 Industrial, Amersfoort Road, Ermelo.**

(For direction please contact: Masula Nemasetoni on Tel: 017 801 2020 or Cell no: 083 444 0712).

[Respondent to provide own PPE, transportation and accommodation].

Tenderers shall be responsible for their own travel arrangements and cost regarding the site meeting and site inspections.

Transnet reserves the right to accept the whole or any part of a tender. Transnet also reserves the right to negotiate terms and conditions with all, or a short-listed group of contenders, or the preferred tenderer, should it be deemed necessary.

This tender closes punctually at 10h00 on Thursday, 28 April 2015

Tenders may only be submitted on the tender documentation that is issued. Telegraphic, telephonic, facsimile and late tenders will not be accepted. Tenderers are warned that a tender will be liable to disqualification should any attempt be made by a Tenderer either directly or indirectly to canvass any officer(s) or employees of Transnet Limited in respect of a tender between the date the tender is submitted and the date of the award. A Tenderer may, however, at any time communicate with the Chairperson of the Transnet Freight Rail Acquisition Council, at telephone no. 011 5449486 on any matter relating to his tender.

Envelopes must not contain documents relating to any tender other than that shown on the envelope. *No slips are to be attached to the tender documents. Any additional conditions must be embodied in an accompanying letter. Alterations, additions or deletions must not be made by the*

Tenderer to the actual tender documents. Tenders submitted by Tenderers must be neatly bound and the inclusion of loose documents must be avoided.

Requirements for sealing, addressing, delivery, opening and assessment of tenders are stated in the Tender Data.

Compliance of tender(s) with Transnet's requirements is the sole responsibility of the Tenderer and any costs incurred in subsequent modifications to or replacement of equipment accepted by Transnet Limited in good faith on the grounds of certified compliance with specified standards by the contractor and in fact found to be inadequate in such respects, will be to the relevant Tenderer's account.

BROAD-BASED BLACK ECONOMIC EMPOWERMENT ("BBBEE")

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

TRANSNET would therefore prefer to do business with business enterprises who share these same values and who are prepared to contribute to meaningful BBBEE initiatives (including and not limited to enterprise development, subcontracting and Joint Ventures) as part of their tender response.

Transnet would accordingly allow a "preference" in accordance with the 10% preference system, as per the Preferential Procurement Policy Framework Act 5 of 2000 (as amended) to companies who provide a BBBEE accreditation certificate. All procurement and disposal transactions in excess of R30000 (Thirty thousand ZAR) will be evaluated accordingly. All transactions below R30000 will, as far as possible, be earmarked for Exempted Micro Enterprises (EME's).

TRANSNET consequently urges Respondents (Large enterprises and QSE's – see below) to have themselves duly accredited by any one of the Accreditation Agencies **approved** by SANAS (South African National Accreditation System, under the auspices of the DTI).

In terms of Government Gazette No. 32467, Notice No. 810 dated 31 July 2009, as from 1 February 2010 only BBBEE certificates issued by Accredited Verification Agencies of Verification Agencies that are in possession of a valid pre-assessment letter from South African National Accreditation System will be valid.

However accreditation certificates issued by non-accredited verification agencies before 01 February 2010 and which are still within their one (1) year validity period will still be acceptable, until their expiry date provided that the accreditation was done in accordance with the latest codes (i.e. those promulgated on 9 February 2007).

BBBEE Accreditation Certificates issued after the published date i.e. 01 February 2010, by a Verification Agency not approved by SANAS, will NOT be acceptable as from 01 February 2010.

Enterprises will be rated by such Accreditation Agencies based on the following:

- (a) **Large Enterprises (i.e. annual turnover >R35 million):**
 - Rating level based on all 7 (seven) elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (b) **Qualifying Small Enterprises – QSE (i.e. annual turnover >R5 million but <R35 million):**

- Rating based on any 4 (four) of the elements of the BBEE scorecard
 - Enterprises to provide BBEE certificate and detailed scorecard (to be renewed annually)
- (c) **Exempted Micro Enterprises – EME (i.e. annual turnover <R5m are exempted from being rated or verified):**
- Automatic BBEE Level 4 rating, irrespective of race ownership, i.e. 100% BBEE recognition
 - Black ownership >50% or Black Women ownership >30% automatically qualify as Level 3 BBEE rating, i.e. 110% BBEE recognition
 - EME’s should provide documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% (to be renewed annually) from their Auditors / Accounting Officers

In addition to the above, Respondents who wish to enter into a Joint Venture (JV) or subcontract portions of the contract to BBEE companies must state in their Tenders / Proposals the percentage of the total contract value which would be allocated to such BBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBEE JV-partners and/or sub-contractors, as well as a breakdown of the distribution of the aforementioned percentage allocation must also be furnished with the tender response to enable Transnet to evaluate / adjudicate on all tenders received on a fair basis.

Each Respondent is required to furnish proof of its BBEE status (Certificate and Detailed Scorecard) and ensure that the documentation is valid at the date of Tender Submission as stipulated above to TRANSNET.

Failure to submit your BBEE Certificate and Detailed Scorecard will result in a score of zero being allocated for BBEE evaluation.

<p style="text-align: center;">Turnover Indicate your company’s most recent annual turnover:</p> <p style="text-align: center;">R.....</p>

- If annual turnover <R5m, please attach auditors / accounting officers letter confirming annual turnover and percentage black ownership as well as Black Women ownership
- If annual turnover >R5m please attach BBEE certificate and detailed scorecard from an accredited rating agency.

The DTI has created an online B-BBEE Registry (<http://www.dti.gov.za>) in order to provide a central and standardized source of the B-BBEE status of all entities, and to facilitate the flow of this information amongst entities by providing a Unique Profile Number (UPN) per each listing. Existing and prospective suppliers are therefore urged to list their B-BBEE status on the DTI Registry. Hence, entities verified by DTI, will receive the following benefits:

- Their BBEE status will be verified and confirmed by the DTI, before listing on the Registry
- Listing on the Registry will provide suppliers the option to market themselves on the DTI B-BBEE Opportunities Network. This is a search engine that is designed to help businesses find B-BBEE compliant entities who match specific requirements in terms of the nature of services/goods provided, region, B-BBEE status or other search criteria.

Transnet supports this DTI initiative and will use the DTI Registry to verify prospective and existing suppliers’ BBEE credentials.

Kindly provide Transnet with your DTI B-BBEE UNIQUE PROFILE NUMBER with all tender submissions.

<p>DTI BBEE UNIQUE PROFILE NUMBER:</p> <p>.....</p>
--

Failure to submit your BBEE information in terms of the above-mentioned clauses will result in a score of zero being allocated for BBEE evaluation.

Suppliers and Tenderers are requested to duly complete the Supplier Declaration Form (SDF) and provide all the relevant supporting attachments as requested. Failure to provide the following may disqualify your tender submission:-

1. Duly completed SDF
2. BBEE Certificate and detailed scorecard
3. Current tax clearance certificate

The Supplier and Tenderer shall furnish proof of the above to Transnet.

Transnet at its sole discretion may decide to allow certain price preferences in order to uplift the historically disadvantaged in terms of the PPPFA (Act 5 of 2000).

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 consideration, Transnet shall be entitled to revoke the tender / contract by following its internal policies that govern the Exclusion 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 fraud, corruption or other unethical activities to Transnet Tip-offs Anonymous, at any of the following addresses/contract 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 GUARANTEED.

Part T1.2: Tender Data

"PREVIEW COPY ONLY"

T1.2 TENDER DATA

The conditions of tender are the Standard Conditions of Tender as contained in Annexure F of the CIDB Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of tender. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

F.1.1 The employer is **Transnet Limited trading as Transnet Freight Rail.**

F.1.2 The tender documents issued by the employer comprise:

Part T1: Tendering procedure

T1.1 Tender notice and invitation to tender

- Suppliers Code of Conduct

T1.2 Tender data

Part T2: Returnable documents

T2.1 List of returnable documents

T2.2 Returnable Schedules

Part C1: Agreements and contract data

C1.1 Contract Data: General

C1.2 Contract data: The contractor's Offer and Acceptance

C1.3 Contract Data: Works Information

Part C2: Pricing data

C2.1 Pricing instructions

C2.2 Price list

Part C3: Scope of work

C3.1 Works Information

C3.2 Secondary specifications

C3.3 General Specifications

Part C4: Site information

C4 Site information

- Principal Controlled insurance

F.1.4 The employer's agent is:

Name: Masala Nemasetoni

Tel: 017 801 2020

Cell no: 083 444 0712

E-mail: masala.nemasetoni@transnet.net

F.2.11 The following Tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or

higher than a contractor grading designation determined in accordance with the sum tendered for a **2EP** class of construction work, are eligible to submit tenders.

- a) contractors who have a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **2EP** class of construction work; and

F.2.11 (b) The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list.

F.2.12 If a Tenderer wishes to submit an alternative tender offer, the only criteria permitted for such alternative tender offer is that it demonstrably satisfies the Employer's standards and requirements, the details of which may be obtained from the Employer's Agent.

Calculations, drawings and all other pertinent technical information and characteristics as well as modified or proposed Pricing Data must be submitted with the alternative tender offer to enable the Employer to evaluate the efficacy of the alternative and its principal elements, to take a view on the degree to which the alternative complies with the Employer's standards and requirements and to evaluate the acceptability of the pricing proposals. Calculations must be set out in a clear and logical sequence and must clearly reflect all design assumptions. Pricing Data must reflect all assumptions in the development of the pricing proposal.

Acceptance of an alternative tender offer will mean acceptance in principle of the offer. It will be an obligation of the contract for the Tenderer, in the event that the alternative is accepted, to accept full responsibility and liability that the alternative offer complies in all respects with the Employer's standards and requirements.

The modified Pricing Data must include an amount equal to 5% of the amount tendered for the alternative offer to cover the Employer's costs of confirming the acceptability of the detailed design before it is constructed. No alternative tender offers will be considered.

F.2.13.2 Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing in black ink.

F.2.13.3 Parts of the tender offer communicated on paper shall be submitted as an original, plus one copy.

F.2.13.5 The employer's address for delivery of tender offers and identification details to be shown on each tender offer package are:

If posted, the envelope must be addressed to:
**The Chairperson
 Transnet Freight Rail Acquisition Council
 P.O. Box 4244
 JOHANNESBURG, 2000**

and must be dispatched in time for sorting by the Post Office to reach the Post Office Box indicated above, before the closing time of the tender.

If delivered by hand, to be deposited to the Transnet Freight Rail Acquisition Council tender box which is located in the foyer, and to be addressed as follows:

**The Chairperson
Transnet Freight Rail Acquisition Council
Ground Floor, Inyanda House
21 Wellington Road
ParkTown
JOHANNESBURG
2001**

It should also be noted that the above tender box is accessible to the public 24 hours per day, 7 days a week.

The measurements of the "tender slot" are 500mm wide x 100mm high, and Tenderers must please ensure that tender documents/files are not larger than the above dimensions. Tenders, which are too bulky (i.e. more than 100mm thick) must be split into two or more files, and placed in separate envelopes.

Identification details

Tenders must be submitted before the closing hour on the date as shown in F.2.15 below, and must be enclosed in a sealed envelope which must have inscribed on the outside:

- (a) Tender No
- (b) Description of work
- (c) Closing date of tender

F.2.13.6 A two-envelope procedure will not be followed.

F.2.15 The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.

F.2.15 Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.

F.2.16 The tender offer validity period is **(31 JULY 2015)**

F.2.19 Access shall be provided for the following inspections, tests and analysis:
Inspection of current arrangement foundation and steelwork condition and measurements in substation yards during the tender period after the site meeting and prior to the closing date of tender.

F.2.23 The Tenderer is required to submit with his tender:
Either a Certificate of Registration issued by the Construction Industry Development Board or a copy of the application Form for registration in terms of the construction Industry Development Board Act (Form F006) and an original valid Tax Clearance Certificate issued by the South African Revenue Services.

F.3.4 The time and location for opening of the tender offers are:

Time: **10:00** on the closing date of tender.
 Location: **Transnet Freight Rail Acquisition Council,
 Ground Floor,
 Inyanda House,
 21 Wellington Road,
 Park Town,
 JOHANNESBURG**

F.3.11.1 The procedure for the evaluation of responsive tenders is

The score for quality is to be calculated using the following formula:

$$W_Q = W_2 \times S_O / M_S$$

Where: W_2 is the percentage score given to quality and equals **80**
 S_O is the score for quality allocated to the submission under consideration
 M_S is the maximum possible score for quality in respect of a submission

The score for financial offer is calculated using Formula 2 (option 1) of SANS294

Formula	Comparison aimed at achieving	Option 1	Option 2
1	Highest price or discount	$A = (1 + \frac{P - P_m}{P_m})$	$A = P / P_m$
2	Lowest price or percentage commission / fee	$A = (1 - \frac{P - P_m}{P_m})$	$A = P_m / P$

where:

P_m = the comparative offer of the most favourable tender offer.
 P = the comparative offer of tender offer under consideration

Where: W_1 is the percentage score given to financial offer and equals 100 minus W_2 .

The score for quality and financial offer is to be combined, before the addition of the score for preference, as follows:

$$W_C = W_3 \times (1 + \frac{S - S_m}{S_m})$$

S_m

Where W_3 is the number of tender evaluation points for quality and financial offer and equals:

- 1) 90 where the financial value, VAT inclusive, of all responsive tenders received have a value in excess of R1,000,000; or
- 2) 80 where the financial value, VAT inclusive, of one or more responsive tender offers equals or is less than R1,000,000.

S is the sum of score for quality and financial offer of the submission under consideration.

S_m is sum of the score for quality and financial offer of the submission scoring the highest number of points

Up to 100 minus W_3 tender evaluation points will be awarded to Tenderers who complete the preference schedule and who are found to be eligible for the preference claimed. Tenderers shall submit BBEE rating certificates with detailed scorecards that will be issued by the verification agencies that do their BBEE ratings in accordance with the latest Department of Trade and Industry codes of Good Practice.

F.3.11.3 Only those Tenderers who score a minimum score of **80** points in respect of the following quality criteria are eligible to submit tenders.

As prescribed in terms of the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations, Respondents are to note the following:

- Functionality is included at a pre-qualification stage with a prescribed percentage threshold of **80**
- Proposals will be evaluated on price which will be allocated **80 or 90 points** and preference which will be allocated **20 or 10 points**, dependent on the value of the Services.
- The 80/20 preference point system applies where the acquisition of the Goods or Services will be less than R1 000 000.00.
- If the 80/20 preference point system is stipulated and all Bids received exceed R1 000 000.00, the RFQ will be cancelled.
- The 90/10 preference point system applies where acquisition of the Goods or Services will exceed R1 000 000.00
- If the 90/10 preference point system is stipulated and all Bids received are equal to or below R1 000 000.00, the RFQ will be cancelled.

• **In this RFQ, Transnet will apply 90/10 preference point system prescribed in the PPPFA.**

In compliance with the Government Gazette No 34612, Notice No. 754 dated 23 September 2011, as from 1 October 2011 valid B-BBEE Verification Certificates must be issued by:

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

Enterprises will be rated by such agencies 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]:

In accordance with B-BBEE Codes of Good Practice [Statement 000, Section 4], any enterprise with an annual total revenue of R 5 million or less qualifies as an EME.

- Automatic rating of B-BBEE Level 4 irrespective of race or ownership
- Black ownership greater than 50% or Black Women ownership greater than 50% automatically qualify as B-BBEE Level 3

Sufficient evidence to qualify as an EME would be a certificate (which may be in the form of a letter) from an auditor or accounting officer or a certificate from a Verification Agency accredited by SANAS. The certificate must confirm the company's turnover, black ownership / black female ownership, B-BBEE status level and validity date.

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

Transnet will accordingly allocate a maximum of **10 [ten] points** in accordance with the **90/10** preference point system prescribed in the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations to the Respondent's final score based on an entity's B-BBEE scorecard rating. [Refer **Annexure A- B-BBEE Preference Points Claim Form** for further details].

N.B. Failure to submit a B-BBEE certificate, which is valid as at the Closing Date of this RFP, will result in a score of zero being allocated for B-BBEE.

F3.11.4 Evaluation criteria of the tender to be met are:

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

Phase: 1

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

- An original or certified copy of a valid Tax Clearance Certificate
- All respondents **must be graded** on a **2EP CIDB grading, which is a prequalification phase to proceed to Phase: 2 Technical/Functional Evaluation.**
- Letter of good standing issued by the Dept. of Labour
- Clause by clause compliance to specification

Phase: 2 Technical or Functional Evaluation

Technical threshold of **80%**: Compliance to specification / quality, previous performance, delivery lead-time.

FUNCTIONAL EVALUATION	RATING					WEIGHT	TOTAL
	1	2	3	4	5		
Delivery schedule to complete the project						40	
Health, Risk and Safety including Technical Capacity to execute the works						20	
Experience and traceable references						20	
(including labour, plant and equipment) environmental Assessment Plan						20	
	TOTAL					100	

Criteria to be evaluated on the following scales as per CIDB BEST PRACTICE GUIDELINES #A4:

- a) Poor = 20 = 1
- Satisfactory = 40 = 2
- Good = 60 = 3
- Very good = 80 = 4
- Excellent = 100 = 5

APPENDIX 3

2 MINIMUM CONTENTS FOR SHEQ PLAN AND PLANTS AND EQUIPMENTS

The contractors tendering for this project shall take note of the following when compiling Safety, health and environmental plan. Specification for works on, over, under or adjacent to railway lines and near high voltage equipment. (E7/1 July 1998) and shall have part A and B of Health and safety Plan as outlined below.

Part A: Health and safety Plan

2.1. SHE Management Structure

- 2.1.1. Construction Work Supervisor (Construction Regulation 6)
- 2.1.2. Subordinate Construction Work Supervisor (Construction Regulation 6)
- 2.1.3. Construction Safety Officer (Construction Regulation 6(7)).
- 2.1.4. List of Contractors already appointed - List to be revised at least monthly.
- 2.1.5. Health and Safety Representative (Section 17 of OHS Act).

2.2. SHE Organisation

- 2.2.1 Health and Safety Committee.
- 2.2.2. Composition.
- 2.2.3 Frequency of Meetings.
- 2.2.4 Minutes of meeting.
- 2.2.5 Legal Compliance Audits.
- 2.2.6. Audit Report.
- 2.2.7 Frequency of Audits.
- 2.2.8 Findings and Analysis.
- 2.2.9 Corrective Action.

3.3. Risk Assessment/Management

- 3.3.1. Task descriptions.
- 3.3.2. Risk Identification, Analysis, Mitigating Steps, Monitoring Steps and Review Plan.
- 3.3.3. Risk Assessment (Construction Regulation 7)

4.4. Education and Training

- 4.4.1. Induction training (Construction Regulation 7(9))
- 4.4.2. Site Specific Training.
- 4.4.3. Certificate of Competence.

5.5. Emergency Planning – Evacuation plan

- 5.5.1. Client procedure.
- 5.5.2. Site Procedure.

6.6. Health and Safety Communications

- 6.6.1 Safety/Toolbox talks.
- 6.6.2 Incident Recall.

7.7. Safe Working Procedures and Methods

- 7.7.1 Method Statements.
- 7.7.2 Safe Operating Procedures.
- 7.7.3 Task/Job observations.

7.8. Personal Protective Equipment and Clothing

- 7.8.1 PPE required after all other controls have been considered.
- 7.8.2 PPE proof of issue.

7.9. Project security

- 7.9.1 Security risks identified.
- 7.9.2 Access control.

Part B. Environmental Management Plan

Note: TFR will obtain Environmental authorisation (EIA and EMP) and permits from the relevant authority (when necessary) prior to commencement of the project (e.g. Construction)

1. Control of Dust.
2. Noise Pollution Control.
3. Waste management.
4. Environmental Incident Management (Sect 28 NEMA and Sect 20 National Water Act).
5. Contamination of surface and underground water.
6. Soil Contamination.
7. Storm Water Drainage.
8. Environmental Clean-up and Rehabilitation.

8.10 Equipment/Plants' requirement for the purpose of this contract.

- i. TLB.
- ii. Tipper Truck.
- iii. Roller compactor.
- iv. A variety of tools and equipment needed for Pave maintenance and landscaping refurbishments.

8.11 Plant / Equipment and Labour: Provide information on plant / equipment and Labour that you have available for this project. Attach details if the space provided is not enough. (Shall be filled by a tenders)

Physical Facility.

Description	Address	Area (m ²)

Plant / Equipment

Description: Owned Plant / Equipment	Number of units

Phase: 3

This is a weighted evaluation system based on **90/10** preference point system.

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 below:

B-BBEE Status Level of Contributor	Number of points (80/20 system)	Number of points (90/10) system)
1	20	10
2	18	9
3	16	8
4	12	6
5	8	4
6	6	3
7	4	2
8	2	1
Non-compliant contributor	0	0

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;

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.

- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.

F.3.13.1 Tender offers will only be accepted if:

- a) The Tenderer has in his or her possession an original valid Tax Clearance Certificate issued by the South African Revenue Services or has made arrangements to meet outstanding tax obligations.
- b) The Tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation;
- c) The Tenderer or any of its directors is not listed on the Register of Tender Defaulters in terms of the Prevention and Combating of Corrupt Activities Act of 2004 as a person prohibited from doing business with the public sector.
- d) The Tenderer has not:
 - i) abused the Employer's Supply Chain Management System; or
 - ii) failed to perform on any previous contract and has been given a written notice to this effect; and
- e) has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the Tenderer's ability to perform the contract in the best interests of the employer or potentially compromise the tender process.

F.3.18 The number of paper copies of the signed contract to be provided by the employer is two.

The additional conditions of tender are:

1. The Tenderer is deemed to have satisfied himself before tendering as to the correctness and sufficiency of his tender for the *works* and of the prices stated in the priced Activity Schedule in the *works* Information. The rates and prices (except in so far as otherwise provided in the Tender) collectively cover full payment for the discharge of all his obligations under the Contract and all matters and things necessary for the proper completion of the *works*.

2. *The tenders shall be completed in black ink only.*

3. *Additional Tender Conditions*

- 3.1 Contractors shall duly fill in the attached 'Bill of Quantities'. The prices shall be fixed for the duration of the contract and no escalation will be allowed. Items not reflected in the 'Bill of Quantities', 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.
- 3.2 Tenderers shall submit qualifications of the staff that will be performing the work or project. Only qualified technical personnel shall perform the works on electrical equipment or installation thereof.
- 3.3 **Clause by clause statement of compliance to General conditions of contract and technical specifications:**

- 3.4 *Tenderers shall indicate clause-by-clause compliance to technical specifications. This shall take the form of a separate document listing all the specifications and clause numbers indicating the individual statement of compliance or non-compliance.*
- 3.5 *Tenderers shall motivate the statement of non-compliance.*
- 3.6 *Number the specification according to the tender documentations issued by Transnet.*
- 3.7 *The heading and sub-heading must be listed next to the specification number.*
- 3.8 *Indicate statement of compliance and motivate (give reasons for non-compliance)*
- 3.9 *Indicate other statements that do not require compliance.*
- 3.10 *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.*
- 3.11 **The Tenderer shall provide a provisional Gantt Chart or a similar bar chart showing when the work will be done and energised.**
- 3.12 *Contractors shall submit descriptive literature consisting of detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered.*
- 3.13 *During the duration of the contract period, the successful Contractor shall be required to inform the Project Manager / Supervisor of any changes to equipment offered and submits detailed information on replacement equipment for approval prior to it being used on this contract.*
- 3.14 *Contractors shall submit equipment type test certificates as specified on the contract. These shall be in English or certified translation.*

"PREVIEW COPY ONLY"

Part T2: Returnable Documents

"PREVIEW COPY ONLY"

PART T2: RETURNABLE DOCUMENTS / SCHEDULES

T2.1 LIST OF RETURNABLE DOCUMENTS

The tenderer must complete the following returnable documents:

1.0 Returnable documents required for tender evaluation purposes

No	Returnable Documents
1	Letter of Good Standing with the Compensation Commissioner
2	Safety Plan and Fall Protection Plan in accordance with the Construction Regulations of 2003 and Transnet's E4E
3	Quality Assurance/control Plan
4	Environmental Management Plan
5	Certified copy of CIDB certification
6	Proposed Organization and Staffing
7	Certified Copy of Share Certificates CK1 & CK2
8	Certified Copy of Certificate of Incorporation and CM29 and CM9
9	Certified Copy of Identity Documents of Shareholders / Directors / Members (where applicable)
10	Original or certified cancelled cheque OR original or certified letter from the bank verifying banking details (with bank stamp and signature)
11	Current and original or certified Tax Clearance Certificate
12	Certified VAT registration certificate
13	A signed letter from the Accountant/Auditor confirming most recent annual turnover and percentage black ownership in the company AND/OR certified BBBEE certificate and scorecard from an accredited rating agency
14	Programme and method statement
15	Statement of compliance or non-compliance with all clauses of the Scope of Works and all the technical specifications. The clause-by-clause statement of compliance shall take the form of a separate document listing all the clause numbers of all the above specifications indicating the individual statement of compliance or non-compliance. Tenderers shall motivate a statement of non-compliance.

T2.2 RETURNABLE SCHEDULES

The tenderer must complete the following returnable schedules:

2.0 Returnable Schedules required for tender evaluation purposes

No	Returnable schedules
1	Certificate of Attendance of Information Briefing Session or site inspection
2	Certificate of Authority for Signatory (Resolution by Board)
3	Schedule of Tenderers experience
4	Schedule of Subcontractors (where applicable)
5	Certificate of authority for joint ventures (where applicable)
6	Schedule of Plant and Equipment (Tools and Machinery)
7	Foreign Exchange Rate Information (where applicable)
8	Record of Addenda to Tender Document
9	Supplier declaration form Duly completed SDF (Supplier declaration form)
10	Compulsory enterprise Questionnaire
11	Approach paper, which responds to the proposed scope of works.
12	Experience of Key Staff in the form of Curriculum Vitae
13	Transnet SOC limited contractual safety clauses which will form part of any resulting contract.
14	Proposed amendments and qualifications
15	Labour Payment Schedule

3.0 Returnable Schedules that will be incorporated into the contract

- 3.1 Certificate of attendance of information briefing session/site inspection
- 3.2 Certificate of Authority for Signatory (Resolution by Board)
- 3.3 Schedule of Tenderers experience
- 3.4 Schedule of Sub-contractors
- 3.5 Certificate of authority for joint ventures (where applicable)
- 3.6 Schedule of Plant and equipment
- 3.7 Foreign Exchange Rate Information (where applicable)
- 3.8 Record of Addenda to Tender Document
- 3.9 Supplier declaration form duly completed (SDF)
- 3.10 Compulsory Enterprise Questionnaire
- 3.11 Approach paper, which responds to the proposed scope of works.
- 3.12 Experience of key staff in the form of Curriculum Vitae
- 3.13 Transnet SOC Limited contractual safety clauses which will form part of any resulting contract
- 3.14 Proposed amendments and qualifications.
- 3.15 Labour Payment Schedule.

"PREVIEW COPY ONLY"

Part T2: Returnable Schedules

"PREVIEW COPY ONLY"

CERTIFICATE OF ATTENDANCE AT INFORMATION BRIEFING SESSION/SITE INSPECTION

This is to certify that

_____ (Tenderer)
of _____ (address)

was represented by the person(s) named below at the compulsory site meeting held for all tenderers at _____ (location) on _____ (date), starting at _____. We acknowledge that the purpose of the meeting was to acquaint ourselves with the Site of the Works and/or matters incidental to doing the work specified in the tender documents in order for us to take account of everything necessary when compiling our rates and prices included in the tender.

Particulars of person(s) attending the meeting/site inspections:

Name: _____ Signature _____

Capacity: _____

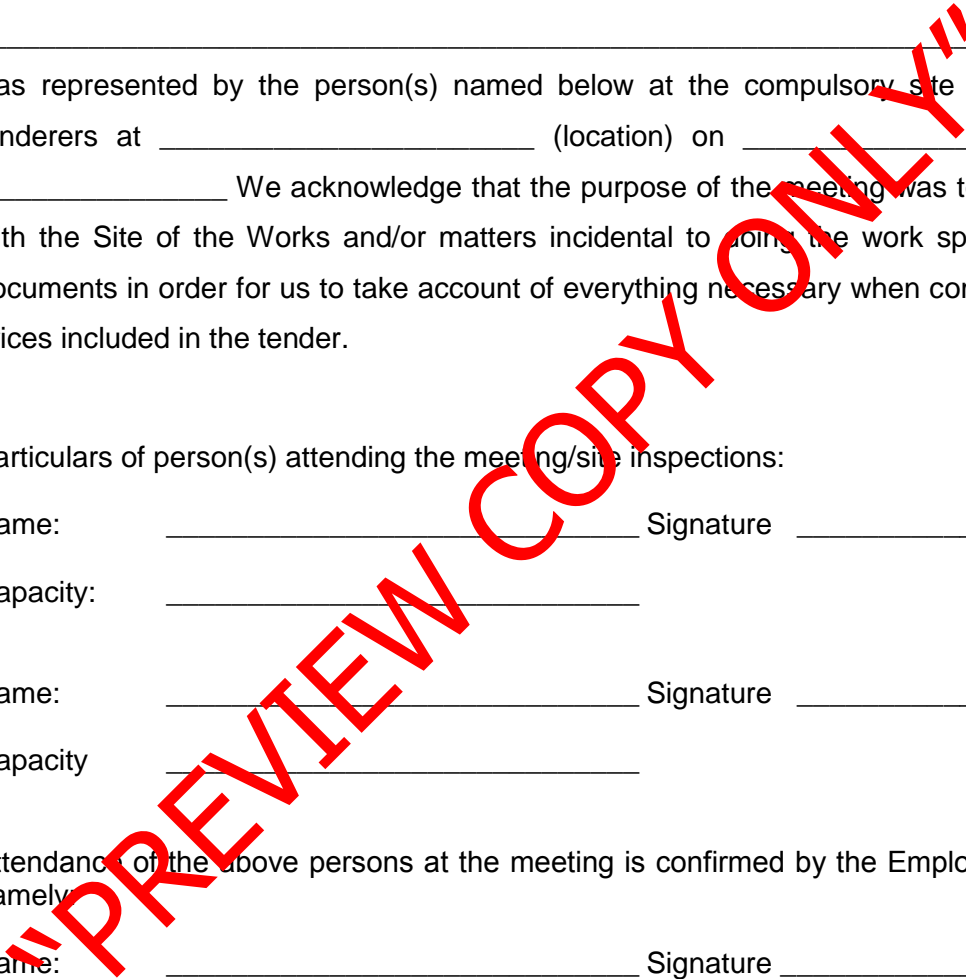
Name: _____ Signature _____

Capacity _____

Attendance of the above persons at the meeting is confirmed by the Employer's representative, namely:

Name: _____ Signature _____

Capacity: _____ Date and time _____



RESOLUTION OF BOARD OF DIRECTORS

Name of firm _____

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

FULL NAME(S)

SIGNATURE

in his capacity of _____s/are hereby authorised to enter into, sign and execute and complete any documents relating to Tenders and/or Contracts for the supply of goods and services.

Confirm: Date _____

FULL NAME _____

CHAIRMAN

FULL NAME _____

SECRETARY

Certified true copy:

SIGNED AT _____ ON THIS _____ DAY OF _____ 20_____

"PREVIEW COPY ONLY"

SCHEDULE OF THE TENDERER'S EXPERIENCE

The following is a statement of similar work successfully executed by myself/ourselves:

Employer, contact person and telephone number	Description of contract	Value of work inclusive of VAT (Rand)	Date completed
"PREVIEW COPY ONLY"			

Signed _____

Date _____

Name _____

Position _____

Tenderer _____

SCHEDULE OF PROPOSED SUBCONTRACTORS

We notify you that it is our intention to employ the following Subcontractors for work in this contract. If we are awarded a contract we agree that this notification does not change the requirement for us to submit the names of proposed Subcontractors in accordance with requirements in the contract for such appointments. If there are no such requirements in the contract, then your written acceptance of this list shall be binding between us.

We confirm that all subcontractors who are contracted to construct a house are registered as home builders with the National Home Builders Registration Council.

	Name and address of proposed Subcontractor	Nature and extent of work	Previous experience with Subcontractor.
1.			
2.			
3.			
4.			
5.			

"PREVIEW COPY ONLY"

Signed Date

Name Position

Tenderer

SCHEDULE OF PLANT AND EQUIPMENT

The following are lists of major items of relevant Plant and Equipment that I/we presently own or lease and will have available for this contract or will acquire or hire for this contract if my/our tender is accepted.

(a) Details of major Plant and Equipment that is owned by and immediately available for this contract.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

(b) Details of major Plant and Equipment that will be hired, or acquired for this contract if my/our tender is acceptable.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

FOREIGN EXCHANGE RATE INFORMATION REQUIRED TO BE FURNISHED BY TENDERERS.

1. Particulars of the exchange rate on which prices are based:

_____ (Foreign currency) equals R_____ (South African currency)

Note: Tenderers who offer imported material shall base their tenders on the selling rate of exchange that ruling on the last working day of the month prior to the closing date of tenders.

2. The percentage of the tender prices which is to be remitted by the Tenderers from South Africa to another country is _____% of the f.o.b./c. and interest in bond price (delete those not applicable).

- Note:**
- (1) The percentage quoted above will be deemed to apply even though a portion only of the item(s) tendered for is accepted.
 - (2) Adjustment in respect of variation in exchange rate will be allowed only on the percentage of the tendered price quoted above.

3. The tendered price shall be computed at the rate of exchange stated by the Tenderer in paragraphs 1 and 2 above as applied to the percentage of the tendered price quoted.

4. Transnet Freight Rail will accept for its account, in respect of such percentage of the tendered price as will be affected by the rate of exchange, any variation between the rate mentioned in paragraph 1 above, and the rate ruling at the date when payment for the goods is made by Transnet Freight Rail; provided that if the Contractor is required to remit the whole or portion of the contract price to another country in payment for goods or portion thereof prior to receiving payment from Transnet Freight Rail, the date(s) of such remittance(s) shall be deemed to be the date(s) of payment by Transnet Freight Rail for the purposes of this paragraph.

5. In the absence of a specific indication by the Contractor at the time of tendering that the proviso to paragraph 3 will apply, it will be assumed that the Contractor desires the adjustment to be effected by reference to the date on which actual payment is made by Transnet Freight Rail.

6. (a) The Contractor shall, if so required, furnish documentary proof to establish that the percentage of the contract price specified by him in paragraph 2 has actually been remitted to another country and the rate of exchange at which that was done.

- (b) Whenever the Contractor is required to remit the whole or portion of the contract price, to another country as contemplated in the proviso to paragraph 2 above, he shall notify Transnet Freight Rail forthwith and furnish documentary evidence of such remittance and of the rate of exchange at which that was done.

7. Invoices in respect of goods supplied must reflect the amount remitted or to be remitted to another country and the amount to be retained in South Africa.

- 8. **The Contractor shall take out forward cover for all imported materials and services within 14 days of award of the contract. Proof shall be submitted to the Project Manager of the contract. The cost of forward cover shall be invoiced separate from the contract invoices and shall not be included in the tender price.**

SIGNATURE OF TENDERER

DATE: _____

WITNESSES:

1. _____

2. _____

ADDRESS:

"PREVIEW COPY ONLY"

RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

"PREVIEW COPY ONLY"

Signed Date

Name Position

Tenderer

COMPULSORY ENTERPRISE QUESTIONNAIRE

The following particulars must be furnished. In the case of a joint venture, separate enterprise questionnaires in respect of each partner must be completed and submitted.

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

* Complete only if sole proprietor or partnership and attach separate page if more than 3 partners

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record in the service of the state

Indicate by marking the relevant boxes with a cross, if any sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months in the service of any of the following:

- | | |
|--|---|
| <input type="checkbox"/> a member of any municipal council | <input type="checkbox"/> an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999) |
| <input type="checkbox"/> a member of any provincial legislature | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> a member of the National Assembly or the National Council of Province | <input type="checkbox"/> an employee of Parliament or a provincial legislature |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | |
| <input type="checkbox"/> an official of any municipality or municipal entity | |

If any of the above boxes are marked, disclose the following:

Name of sole proprietor, partner, manager, shareholder or stakeholder	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

Section 7: Record of spouses, children and parents in the service of the state

Indicate by marking the relevant boxes with a cross, if any spouse, child or parent of a sole proprietor, partner in a partnership or director, manager, principal shareholder or stakeholder in a company or close corporation is currently or has been within the last 12 months been in the service of any of the following:

- a member of any municipal council
- a member of any provincial legislature
- a member of the National Assembly or the National Council of Provinces
- a member of the board of directors of any municipal entity
- an official of any municipality or municipal entity
- an employee of any provincial department, national or provincial public entity or constitutional institution within the meaning of the Public Finance Management Act, 1999 (Act 1 of 1999)
- a member of an accounting authority of any national or provincial public entity
- an employee of Parliament or a provincial legislature

Name of spouse, child or parent	Name of institution, public office, board or organ of state and position held	Status of service (tick appropriate column)	
		Current	Within last 12 months

*insert separate page if necessary

The undersigned, who warrants that he / she is duly authorized to do so on behalf of the enterprise:

- i) authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- ii) confirms that the neither the name of the enterprise or the name of any partner, manager, director or other person, who wholly or partly exercises, or may exercise, control over the enterprise appears on the Register of Tender Defaulters established in terms of the Prevention and Combating of Corrupt Activities Act of 2004;
- iii) confirms that no partner, member, director or other person who wholly or partly exercises, or may exercise, control over the enterprise appears, has within the last five years been convicted of fraud or corruption;
- iv) confirms that I / we are not associated, linked or involved with any other tendering entities submitting tender offers and have no other relationship with any of the tenderers or those responsible for compiling the scope of work that could cause or be interpreted as a conflict of interest; and
- iv) confirms that the contents of this questionnaire are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Enterprise name

"PREVIEW COPY ONLY"

EVALUATION SCHEDULE: APPROACH PAPER

The approach paper must respond to the scope of work and outline the proposed approach / methodology including that relating to health and safety. The approach paper should articulate what value add the tenderer will provide in achieving the stated objectives for the project.

The tenderer must as such explain his / her understanding of the objectives of the assignment and the Employer’s stated and implied requirements, highlight the issues of importance, and explain the technical approach they would adopt to address them. The approach paper should explain the methodolPiet Retief which are to be adopted, demonstrate the compatibility of those methodolPiet Retief with the proposed approach. The approach should also include a quality plan which outlines processes, procedures and associated resources, applied by whom and when, to meet the requirements and indicate how risks will be managed and what contribution can be made regarding value management.

The tenderer must attach his / her approach paper to this page. The approach paper should not be longer than 8 pages.

The scoring of the approach paper will be as follows.

	Technical approach and methodology
Poor (score 40)	The technical approach and / or methodology is poor / is unlikely to satisfy project objectives or requirements. The tenderer has misunderstood certain aspects of the scope of work and does not deal with the critical aspects of the project.
Satisfactory (score 70)	The approach is generic and not tailored to address the specific project objectives and methodology. The approach does not adequately deal with the critical characteristics of the project. The quality plan, manner in which risk is to be managed etc is too generic.
Good (score 90)	The approach is specifically tailored to address the specific project objectives and methodology and is sufficiently flexible to accommodate changes that may occur during execution. The quality plan and approach to managing risk etc is specifically tailored to the critical characteristics of the project.
Very good (score 100)	Besides meeting the “good” rating, the important issues are approached in an innovative and efficient way, indicating that the tenderer has outstanding knowledge of state-of-the- art approaches. The approach paper details ways to improve the project outcomes and the quality of the outputs

The undersigned, who warrants that he / she is duly authorised to do so on behalf of the enterprise, confirms that the contents of this schedule are within my personal knowledge and are to the best of my belief both true and correct.

Signed

Date

Name

Position

Tenderer

CURRICULUM VITAE OF KEY PERSONNEL

Name:	Date of birth:
Profession:	Nationality:
Qualifications:	
Professional registration number:	
Name of employer (firm):	
Current Position:	Years with the firm:
Employment record: (list in chronological order starting with earliest work experience)	

"PREVIEW COPY ONLY"

Experience record pertinent to required service

Certification:

I, the undersigned, certify that to the best of my knowledge and belief, this data correctly describes me, my qualifications and my experience.

[Signature of person named in schedule]

Date

"PREVIEW COPY ONLY"

TRANSNET SOC LIMITED / CONTRACTORS / SUB-CONTRACTORS**CONTRACTUAL SAFETY CLAUSES WHICH WILL FORM PART OF ANY RESULTING CONTRACT**

The parties agree on the following arrangements according to section 37 (2) of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) to ensure compliance by the mandatory with provisions of the Act.

- 1) That the Contractor is an "employer" in his own right as defined in section 1 of Act 85 of 1993 and that he must fulfil all his obligations as an employer in terms of the Act.
- 2) The Contractor shall comply with the requirements of Act 85 of 1993 in its entirety.
- 3) Where special permits are required, such as electrical switching, hot work permits, etc. the Contractor shall obtain them from a person designated by Transnet SOC Limited for this purpose, and all requirements of the Contractor must rigidly comply with the permit.
- 4) The Contractor shall conduct a risk assessment of the work to be performed by a competent person prior to the commencement of work, to identify risks and hazards that persons may be exposed to, analyse and evaluate identified hazards.
- 5) The Contractor shall have a documented Health and Safety Plan based on the risks and hazards identified before commencement of work.
- 6) The Health and Safety Plan shall include the following:
 - 6.1 The safety management structure to be instituted with all appointments in terms of the Act and Regulations.
 - 6.2 The safe working methods and procedures to be implemented to ensure work are performed in compliance to the Act.
 - 6.3 The safety equipment, devices and clothing to be made available by the Contractor to his employees.
 - 6.4 The site access control measures pertaining to health and safety to be implemented.
 - 6.5 Control measures for ensuring that the Health and Safety Plan is maintained and monitored for the duration of the contract.
- 7) The Contractor shall ensure that all work is performed under the close supervision of a person trained to understand the hazards associated with the work performed and who has authority to ensure that the necessary precautionary measures are implemented.
- 8) The Contractor must appoint a Health and Safety Co-ordinator to liaise with Transnet SOC Limited on matters pertaining to occupational health and safety.
- 9) The appointed Safety Co-ordinator must liaise at least once a week with the* Health and Safety Section / Risk Manager / Occupational Risk Manager of Transnet SOC Limited.
- 10) The Contractor shall furnish the* Health and Safety Section/ Risk Manager/ Occupational Risk Manager of Transnet SOC Limited immediately with full particulars of any sub-Contractor which he may involve in the contract in order that the sub-Contractor himself can be made aware of all the clauses in this contract pertaining to health and safety.

- 11) The Contractor shall stop any sub-contractor from executing work which is not in accordance with the Health and Safety Plan or which poses a threat to health and safety of persons.
- 12) The Contractor shall ensure that all his employees and visitors undergoes health and safety induction pertaining to the hazards prevalent, proof of such training must be kept on file.
- 13) In the event where the risk assessment reveals the risk relating to working from an elevated position the Contractor shall cause the designation of a competent person, responsible for the preparation of a Fall Protection Plan.
- 14) The Fall Protection Plan shall include:
 - 14.1 A risk assessment of all work carried out from an elevated position
 - 14.2 Procedures and methods to address all the identified risks per location
 - 14.3 Evaluation of employee's physical and psychological fitness necessary to work at elevated position.
 - 14.4 The training of employees working from an elevated position.
 - 14.5 Procedure addressing the inspection, testing and maintenance of all fall protection equipment.
- 15) The Contractor shall advise the * Health and Safety Section / Risk Manager/ Occupational Risk Manager of Transnet SOC Limited of any hazardous situations which may arise from work being performed either by the Contractor or his sub-Contractor.
- 16) Copies of all appointments required by the act must be given to * Health and Safety Section / Risk Manager / Occupational Risk Manager of Transnet SOC Limited.
- 17) The Contractor shall ensure that a Health and Safety File is available which shall include all documentation as required by the Act, copy of his and his Sub-Contractors Risk Assessment and Health and Safety Plan.
- 18) All incidents referred to in Section 24 of the Act involving the Contractor and his Sub-Contractor on Transnet Ltd premises, shall be reported as prescribed. Transnet Ltd hereby contains an interest in the issue of any investigation, formal inquiry conducted in terms of Section 31 and 32 of the Act into any incident involving the Contractor, his Sub-Contractor, any person or machinery under his control on Transnet Ltd premises.
- 19) No alcohol or any other intoxicating substance shall be allowed on Transnet Ltd premises. The Contractor shall not allow anyone under or suspected to be under the influence of alcohol or any other intoxicating substance on Transnet Ltd premises.
- 20) Contractor to ensure its employees undergo medical surveillance as required by legislation
- 21) Contractor will be required to provide monthly safety performance reports and statistics
- 22) A letter of good standing in terms of Section 80 (Employer to register with the Compensation Commissioner) of the Compensation for Occupational Injuries and Disease Act 1993 (Act 130 of 1993) must also be furnished.
- 23) All clauses in the contract pertaining health and safety form an integral part of the contract and if not complied with may be construed as breach of contract.

*As applicable

Tenderer OH & S Management System Questionnaire

This questionnaire forms part of TFR tender evaluation process and is to be completed by all Tenderer's and submitted with their tender offer. The objective of the questionnaire is to provide an overview of the status of the Tenderer's OH&S management system. Tenderers will be required to verify their responses noted in their questionnaire by providing evidence of their ability and capacity in relevant matters. **TFR will verify accuracy of this information during the physical visit as part of the tender evaluation.**

The information provided in this questionnaire is an accurate summary of the company's occupational health and safety management system.		
Company Name:		
Signed:	Name:	
Position:	Date:	
Tender Description:		
Tender Number:		
Tenderer OH&S Management System Questionnaire	Yes	No
1. OH&S Policy and Management		
- <i>Is there a written company health and safety policy?</i> - If yes provide a copy of the policy		
- <i>Does the company have an OH&S Management system e.g NOSA, OHSAS, IRCA System etc</i> - If yes provide details		
- <i>Is there a company OH&S Management System, procedures manual or plan?</i> - If yes provide a copy of the content page(s)		
- <i>Are health and safety responsibilities clearly identified for all levels of Management and employees?</i> - If yes provide details		
2. Safe Work Practices and Procedures		
- Are safe operating procedures or specific safety instructions relevant to its operations available? - If yes provide a summary listing of procedures or instructions		
- Is there a register of injury document? If yes provide a copy		
- Are Risk Assessments conducted and appropriate techniques used? - If yes provide details		

3. OH&S Training		
Describe briefly how health and safety training is conducted in your company?		
<ul style="list-style-type: none"> - Is a record maintained of all training and induction programs undertaken for employees in your company? - If yes provide examples of safety training records 		
4. Health and Safety Workplace Inspection		
<ul style="list-style-type: none"> - Are regular health and safety inspections at worksites undertaken? - If yes provide details 		
<ul style="list-style-type: none"> - Is there a procedure by which employees can report hazards at workplaces? - If yes provide details 		
5. Health and Safety Consultation		
<ul style="list-style-type: none"> - Is there a workplace health and safety committee? 		
<ul style="list-style-type: none"> - Are employees involved in decision making over OH&S matters? - If yes provide details 		
<ul style="list-style-type: none"> - Are there employee elected health and safety representatives? - Comments 		
6. OH&S Performance Monitoring		
<ul style="list-style-type: none"> - Is there a system for recording and analysing health and safety performance statistics including injuries and incidents? - If yes provide details 		
<ul style="list-style-type: none"> - Are employees regularly provided with information on company health and safety performance? - If yes provide details 		
<p>Is company registered with workmen's compensation and up to date?</p> <ul style="list-style-type: none"> - If yes provide proof of letter of good standing 		
<ul style="list-style-type: none"> - Has the company ever been convicted of an occupational health and safety offence? - If yes provide details 		

Safety Performance Report

Monthly DIFR for previous months

Previous Year	No of Disabling Injuries	Total Number of employees	DIFR per month
January			
February			
March			
April			
May			
June			
July			
August			
September			
October			
November			
December			

DIFR = Number of Disabling injuries x 200000 divided by number of man hours worked for the period

Signed
(Tenderer)

PROPOSED AMENDMENTS AND QUALIFICATIONS

The Tenderer should record any deviations or qualifications he may wish to make to the tender documents in this Returnable Schedule. Alternatively, a tenderer may state such deviations and qualifications in a covering letter to his tender and reference such letter in this schedule.

The Tenderer's attention is drawn to clause F.3.8 of the Standard Conditions of Tender referenced in the Tender Data regarding the employer's handling of material deviations and qualifications.

Page	Clause or item	Proposal
<p style="color: red; font-size: 2em; transform: rotate(-45deg); opacity: 0.5;">"PREVIEW COPY ONLY"</p>		

Signed

Date

.....
Name

.....
Position

.....
Tenderer

TRANSNET SOC LIMITED
(REGISTRATION No. 1990/000900/06)
TRADING AS
TRANSNET FREIGHT RAIL

LABOUR PAYMENT SCHEDULE

TENDERERS ARE REQUIRED TO COMPLETE THE FOLLOWING SCHEDULE:

DAY LABOUR (IF REQUIRED)

- Skilled Hour _____
- Unskilled Hour _____
- Labourer Hour _____
- Driver/Operator Hour _____
- % Profit on Material _____

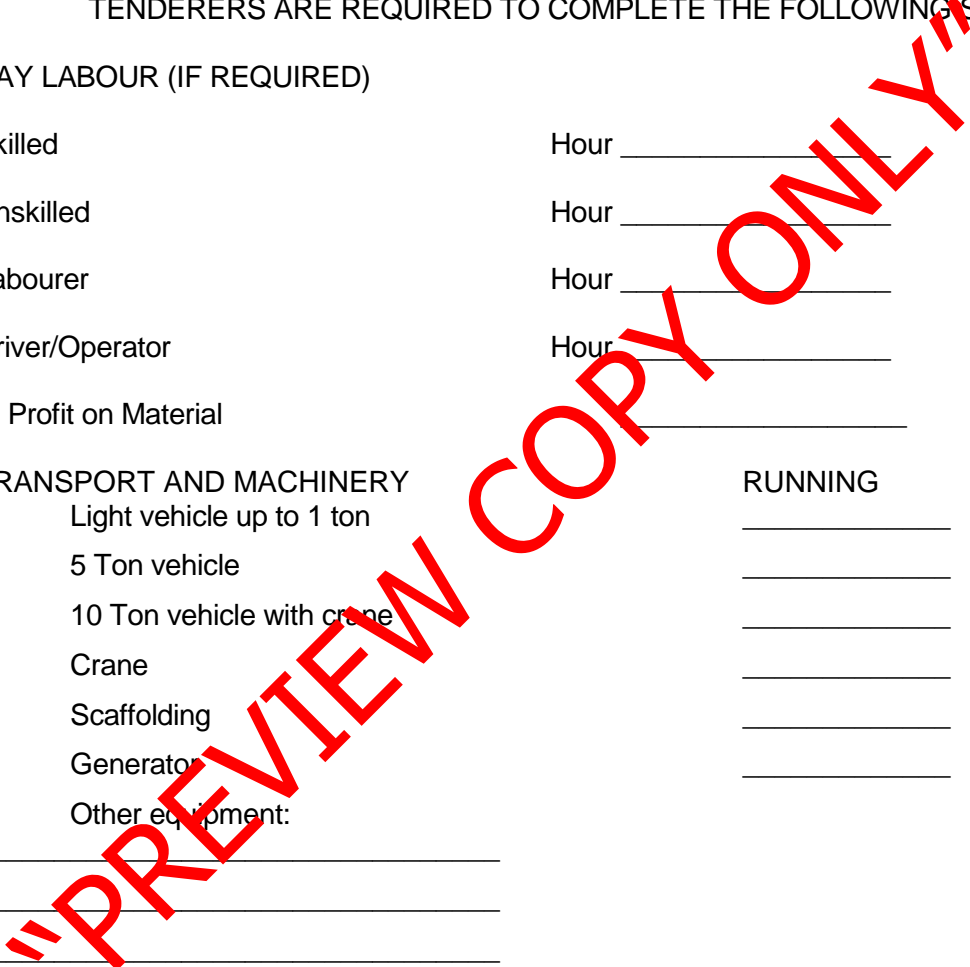
TRANSPORT AND MACHINERY

	RUNNING	STANDING
1. Light vehicle up to 1 ton	_____	_____
2. 5 Ton vehicle	_____	_____
3. 10 Ton vehicle with crane	_____	_____
4. Crane	_____	_____
5. Scaffolding	_____	_____
6. Generator	_____	_____
7. Other equipment:	_____	_____

8. Full details of any other charges:

TENDERER: _____

DATE: _____



**Part C1:
Agreement and Contract Data**

"PREVIEW COPY ONLY"

Contract Data

The Employer is Name **Transnet SOC Limited Trading as Transnet Freight Rail**

Address **Pavillion Building, Room 19-21, Botha Avenue, Witbank 1035**

Telephone **(013) 656 4296** Fax No. **(013) 656 4259.....**

E-mail nhlanhla.vilakazi@Transnet.net

The work is **Supply, install, test and commissioning of 88KV AC Disconnects, Positive Isolators, Track Breakers and Control Panels for Ermelo 3KV DC Traction Substation under the control of Depot Engineer Ermelo**

The site is **ERMELO 3KV DC TRACTION SUBSTATION**

The starting date is TBA.....

The completion date is TBA.....

The reply period is Two (2) weeks.....

The defects date is one week after completion.....

The defect correction period is one week after completion.

The delay damages are **R750.00**..... per day

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

The retention is **10 % (ten)**.....

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 2% (two percent) 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 R1,000,000.00 (one million) for any one event.

The *Employer* provides this: **Insurance Transnet Principal Control Insurance**

The minimum amount of cover for the third insurance stated in the Insurance Table is:
> R25, 000.00 (Limited to R10, 000,000.00. for any one event)

The minimum amount of cover for the fourth insurance stated in the Insurance Table is:
Not applicable.....

The adjudicator nominating 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 2.0 (Contractual obligations)

1.1 CONTRACTUAL OBLIGATIONS

A:

This specification covers Transnet freight rail's requirements for the supplying, installing, testing and commissioning of equipment at Ermelo Traction substation under the control of the depot engineer, Ermelo.

- 1.1** A **compulsory site meeting** will be held 2 (two) weeks after the closing date of the tender at Ermelo infrastructure depot, 09:00 am, each site will be visited.
- 1.2** **Tenders must be deposited to the Tender Box, which will be located in the foyer of 21 Wellington road, Inyanda House 1, Parktown, Johannesburg.**
- 1.3** Tenders must be enclosed in a sealed envelope bearing the name **"ERMELO 3KV DC TRACTION SUBSTATION"**
- 1.4** Tenderers must duly fill in the Tender Form E4 and its Annexures and submit the same with their offers

B:

- 1.2** The Contractor shall not make use of any sub-Contractor to perform the works or parts thereof without prior permission from the Employer.
- 1.3** The Contractor shall ensure that a safety representative is at site at all times.

- 1.4 The Contractor shall comply with all applicable legislation and Transnet safety requirements adopted from time to time and instructed by the Employer / Employer's Deputy. Such compliance shall be entirely at his own cost, and shall be deemed to have been allowed for in the rates and prices in the contract.
- 1.5 The Contractor shall, in particular, comply with the following Acts and Transnet Specifications:-
 - 1.5.1 The Compensation for Occupational Injuries and Diseases Act, No. 130 of 1993. The Contractor shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act.
 - 1.5.2 The Occupational Health and Safety Act (Act 85 of 1993).
 - 1.5.3 The explosive Act No. 26 of 1956 (as amended). The Contractor shall, when applicable, furnish the Employer / Employer's Deputy with copies of the permits authorising him or his employees, to establish an explosives magazine on or near the site and to undertake blasting operations in compliance with the Act.
 - 1.5.4 The Contractor shall comply with the current Transnet Specification E.4E, Safety Arrangements and Procedural Compliance with the Occupational Health and Safety Act, Act 85 of 1993 and Regulations and shall before commencement with the execution of the contract, which shall include site establishment and delivery of plant, equipment or materials, submit to the Employer / Employer's Deputy.
 - 1.5.5 The Contractor shall comply with the current Specification for Works On, Over, Under or Adjacent to Railway Lines and near High Voltage Equipment – E7/1, if applicable, and shall take particular care of the safety of his employees on or in close proximity to a railway line during track occupations as well as under normal operational conditions.
- 1.6 The Contractor's Health and Safety Programme shall be subject to agreement by the Employer / Employer's Deputy, who may, in consultation with the Contractor, order supplementary and/or additional safety arrangements and/or different safe working methods to ensure full compliance by the Contractor with his obligations as an employer in terms of the Act.
- 1.7 In addition to compliance with clause 1.4 hereof, the Contractor shall report all incidents in writing to the Employer / Employer's Deputy. Any incident resulting in the death of or injury to any person on the works shall be reported within 24 hours of its occurrence and any other incident shall be reported within 48 hours of its occurrence.
- 1.8 The Contractor shall make necessary arrangements for sanitation, water and electricity at these relevant sites during the installation of the equipments.
- 1.9 A penalty charge of **R2,000.00** per day will be levied for late completion.
- 1.10 10% retention money of the total value of the contract will be retained and will be released 12 months after the completion date of the contract.
- 1.11 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 within 14 days after the award has been made to the successful Contractor.
- 1.12 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 Employer or Employer's Deputy must countersign such delays. Other delays such as non-availability of equipment from 3rd party suppliers must be communicated to the Employer or Employer's Deputy in writing.
- 1.13 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 Employer or Employer's Deputy and must be countersigned by the Contractor.
- 1.14 Both books mentioned in 1.10 and 1.11 shall be the property of Transnet Freight Rail and shall be handed over to the Employer or Employer's Deputy on the day of energising or handing over.
- 1.15 All processes or the manufacture and assembly of the product components must be subjected to a quality assurance system.
- 1.16 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 party suppliers/Manufacturers.

- 1.17 The Contractor shall prove to Transnet Freight Rail that his equipment or those supplied from 3rd party suppliers/manufacturers confirms to Transnet freight rail specifications.
- 1.18 The Contractor will remain liable for contractual delivery dates irrespective of deficiencies discovered during workshop inspections.
- 1.19 ISO.9000 to 9004 inclusive (SABS 0157 parts 1 to 4) must be regarded as a guideline, where applicable.

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 shall quote accordingly, failure of which will result in disqualification.
- 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 the 'Bill of Quantities', 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 staff that will be performing the works. Only qualified technical personnel shall perform the works on the electrical equipment or installations thereof.
- 2.4 During the duration of the contract, the successful Contractor shall be required to inform the Supervisor of any staff changes and provide the qualifications of the replacement staff for approval.
- 2.5 Contractors shall indicate clause-by-clause compliance with the specifications. This shall take the form of a separate document listing all the specifications clause numbers indicating the individual statement of compliance or non-compliance.
- 2.6 Contractors shall motivate a statement of non-compliance.
- 2.7 The successful Contractor shall provide a Gantt or a similar chart showing when the works will be done and energised. This chart shall be submitted to the Project Manager or Supervisor within 14 days after the award of the contract has been made to the successful Contractor.
- 2.8 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.
- 2.9 Contractors shall submit descriptive literature consisting of detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered.
- 2.10 During the duration of the contract period, the successful Contractor shall be required to inform the Project Manager / Supervisor of any changes to equipment offered and submit detailed information on replacement equipment for approval prior to it being used on this contract.
- 2.11 Contractors shall submit equipment type test certificates as specified on the contract. These shall be in English or certified translation.

Contract Data

The Contractor's Offer

The Contractor is

Name

Address

Telephone **Fax No.**

E-mail address

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: (**Amount in words, VAT inclusive**).....

Total price in figures (VAT inclusive): R.....

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

**Part C2:
Pricing Data**

"PREVIEW COPY ONLY"

Part C2.1: Pricing Data Price Instructions

2.0 PRICING INSTRUCTIONS

1. The agreement is based on the NEC Engineering and Construction Short Contract 3. The contract specific variables are as stated in the contract data. Only the headings and clause numbers for which allowance must be made in the Price list are recited.
2. Preliminary and General Requirements are based on part 1 of SANS 1921, 'Construction and Management Requirements for Works Contracts'. The additions, deletions and alterations to SANS 1921 as well as the contract specific variables are as stated in the contract data. Only the headings and clause numbers for which allowance must be made in the Price list are recited.
3. It will be assumed that prices included in the Price list are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders.
4. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
5. The Price list is not intended for the ordering of materials. Any ordering of materials, based only on the Price list, is at the Contractor's risk.
6. The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount of the Preliminaries and any amount in respect of contract price adjustment provided for in the contract.
7. The amount or items of the Preliminaries shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Price list:
 - a) An amount which is not to be varied, namely Fixed (F).
 - b) An amount which is to be varied in proportion to the contract value, namely Value Related (V).
 - c) An amount which is to be varied in proportion to the contract period as compared to the initial construction period, excluding revisions to the construction period for which no adjustment the Contractor is entitled to in terms of the contract, namely Time Related (T).
8. The following abbreviations are used in the Price list:

Hr	=	Hour
Ea	=	Each
9. The prices and rates in these Price list are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the scope of work and shall cover liabilities and obligations set forth or implied in the Contract data, as well as profit.
10. Where the scope of work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered for such items.
11. Where no quantity has been provided against an item in the Price list, the Contractor shall use their discretion and provide the quantity.

- 12 The quantities set out in these Price list are approximate and do not necessarily represent the actual amount of work to be done. The quantities of work accepted and certified for payment will be used for determining payments due and not the quantities given in these Price list.
- 13 The short descriptions of the items of payment given in these Price list are only for purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
- 14 Contractor shall ensure that provision (financial as well as time) for excavations in a range of soil types is made for in their tenders.
- 15 For each item in the Price list, including Preliminaries, the Contractor shall provide in the appropriate column the portion of the tendered sum (inclusive of labour and material) which has been sourced locally (Republic of South Africa).
- 16 The Contractor shall provide information related to imported content, i.e. equipment to be imported, value and applicable exchange rates. This information shall be provided as an Annexure to the Price list.
- 17 The total in the Price list shall be exclusive of VAT.
- 18 Transnet Freight Rail payment terms: 30 days from month end statement.
- 29 Any error in the invoiced amount shall be corrected and reflected in the following monthly statement by the Contractor.
- 20 All invoices must reflect the following information:
- Contract number
 - Job number / reference number
 - Description of the work to be performed plus detailed address where the work was performed.
 - Labour hours
 - Travelling time
 - Proof of material purchased (Invoice).
- 21 All invoices to be verified by Transnet Freight Rail Supervisor.

"PREVIEW COPY ONLY"

Contract Data
Schedule of estimated quantities and prices

Ermelo 3KV DC Traction Substation					
A	POSITIVE ISOLATOR AND EARTHING SWITCH				
1	Dismantle, pack and transport old positive isolator from site to Ermelo Depot. (10km)	each	2		
2	Supply and install new positive isolator and earthing switch complete with voltage divider and 3kv DC under voltage relay	each	2		
3	Supply and connect 2 x 500mm ² copper cables from positive isolator to the busbar chamber.	m	30		
4	Commissioning and testing of the positive isolator complete with voltage divider and 3kv DC under voltage relay	each	2		
B	PRIMARY CIRCUIT BREAKER CONTROL PANEL				
1	Dismantle, pack and transport old primary circuit breaker control panels from site to Ermelo Depot. (10km)	each	2		
2	Supply and install new primary circuit breaker control panels	each	2		
3	Supply and connect new 110 V cables from the control panel to the respective equipment	sum	1		
4	Commissioning and testing of the control panel	each	2		
C	AC/DC DISTRIBUTION PANEL				
1	Dismantle, pack and transport old AC/DC distribution panels from site to Ermelo Depot. (10km)	sum	2		
2	Supply and install new AC/DC distribution panels	sum	2		
3	Supply and connect new cables from the panel to the respective equipment	sum	1		
4	Commissioning and testing of the control panel	sum	2		

E	88KV AC DISCONNECTING SWITCH				
1	Dismantle, remove and transport old AC disconnects from site to Ermelo depot.(10km)	each	2		
2	Supply and install new 88 KV AC Disconnecting switch	each	2		
3	Commissioning and testing of the AC Disconnects	each	2		
F	FOUNDATIONS AND STEELWORK				
1	Dismantle, pack and transport old AC Disconnect support steelwork from site to Ermelo Depot (10km)	each	2		
2	Supply and install new galvanised support steel structure for the AC Disconnect	each	2		
G	P's and G's	sum	1		
	Total Price for Ermelo Substation (Excl. VAT) =		R		
	VAT @ 14% =		R		
	Gross Total (Incl. VAT)=		R		

"PREVIEW COPY ONLY"

Delivery Lead-Time from date of purchase order: _____ [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.

**Part C3.
Works information**

"PREVIEW COPY ONLY"

Contract Data**Works Information****3.0 DESCRIPTION OF WORK**

This part of the particular specification covers the indoor and outdoor work and equipment, for Ermelo 3KV DC substation. This specification also covers any other work arising out of or incidental to the above or required of the Contractor for the proper completion of the Works in accordance with the true meaning and intent of the contract documents.

3.1 DRAWINGS AND SPECIFICATIONS

All work shall be done in accordance with specification listed in section 4.4.

3.2 MATERIALS

Transnet Freight Rail (TFR) approved materials shall be used. The material shall be as per applicable TFR drawings, SABS and SANS standard, TFR and TCP generic and particular specifications.

Any material that does not conform to the requirements given shall be submitted to Transnet Freight Rail (TFR) for approval before an order is placed.

3.3 EQUIPMENT

The Contractor shall supply all equipment necessary to perform the work.

3.4 3KV DC POSITIVE ISOLATOR AND EARTHING SWITCH

3.4.1 Supply and install a positive isolator and earthing switch, in accordance with Transnet Freight Rail specification BBB4724 Version 4 and installation specification BBB 5452 clause 21.0.

3.4.2 Supply and install new 2 x 500mm² copper cables between the positive isolator and the 3kV DC busbar chamber. Cables shall be laid in a cable trench between the two pieces of equipment.

- 3.4.3 Supply and install a potential divider and 3kV DC under-voltage relay which shall be located inside the positive isolator.

3.5 PRIMARY CIRCUIT BREAKER CONTROL AND AC/DC DISTRIBUTION PANELS

- 3.5.1 A primary circuit breaker control panel and AC/DC distribution panel shall be supplied and installed according to specification BBB2721 Version 10 and clause 22 of specification BBB5452.

The Primary circuit breaker panel shall be fitted with the following:

- AC Primary circuit breaker control circuitry and equipment.
- Main AC thermal overload and instantaneous overcurrent relays.
- Main Transformer protection circuitry.
- DC and AC earth leakage indicators.
- Local and remote control circuit and equipment.
- Emergency stop button.
- Lock out reset button and indication.

- 3.5.2 The primary circuit breaker control panel shall have indications for “Spring charged”, “Spring discharged” and “SF6 low gas lockout”.

- 3.5.3 The Contractor shall provide a terminal strip in the primary circuit breaker control panel for remote telecontrol operations.

- 3.5.4 The auxiliary transformer short-out links shall be mounted inside the AC/DC distribution panel.

- 3.5.5 The automatic changeover circuitry for the auxiliary supply shall also be mounted inside the AC/DC distribution panel

- 3.5.6 The panel shall be fitted with a test block.

- 3.5.7 The flag annunciator unit shall also include Eskom phase failure detection for tripping the primary circuit breaker.
- 3.5.8 The phase failure relay shall measure the supply from the Transnet Voltage Transformers.
- 3.5.9 The flag annunciator unit shall be provided with extra contacts for connecting the battery under voltage, DC earth leakage, diode failure, local/remote indication and Eskom failure to the tele control.
- 3.5.10 The contactor shall dismantle, pack and transport old panels from site to Ermelo Electrical Depot (10km).
- 3.5.11 The contractor shall supply and connect new cables from panels to respective existing equipment.

3.6 PROTECTION AND INTERLOCKING

- 3.6.1 Supply and install all protection equipment in accordance with specifications BBB3005 Version 1, BBB2721 and BBB5452.
- 3.6.2 Interlocking shall be done as per specification BBB5452 clauses 31 and 32.
- 3.6.3 Protection relays shall be used for main- and auxiliary transformer protection.

3.7 HIGH VOLTAGE AC DISCONNECTING SWITCH

- 3.7.1 The contractor shall supply and install high voltage AC disconnecting switch in accordance with TFR specification BBB 7842 and installation specification BBB 5452 clause 12.0.
- 3.7.2 The contractor shall dismantle, pack and transport the old AC Disconnects and its steel structure from site to Ermelo Electrical Depot (10km).

3.8 FOUNDATIONS AND STEELWORK

- 3.8.1 The Contractor shall use the existing foundations, but supply and install all support steelwork.
- 3.8.2 The support steelwork designs shall be certified by a Professional Engineer or Technologist registered with the Engineering Council of South Africa in the relevant

disciplines. These designs shall be submitted to Transnet Freight Rail for review before they can be implemented.

- 3.8.3 Concrete shall comply with specification S420.
- 3.8.4 All steelwork shall comply with the requirements of SANS 2001-CS1.
- 3.8.5 The Contractor shall ensure that the manufactured steel is free from defects before being transported to site. If any defect is found on the steel, it shall be repaired using the methods prescribed in the above specification.
- 3.8.6 All steelwork shall be galvanised in accordance with SANS 121.

4.0 QUALITY AND INSPECTION

- 4.1 Transnet Freight Rail shall inspect the equipment under contract on the premises of the Manufacturer or successful Contractor.
- 4.2 The Contractor shall notify Transnet Freight Rail 14 days in advance of such an inspection date.
- 4.3 Transnet Freight Rail shall inspect the equipment under contract on the premises of the Manufacturer or successful Contractor.
- 4.4 The Contractor shall apply 14 days in advance for the date of energizing and ensure that all work is completed before any commissioning can take place.
- 4.5 The Contractor shall be responsible to issue a compliance certificate in terms of SANS 0112 for each site before energizing of the equipment shall take place.

Contract Data

Particular specification

4.4 SPECIFICATIONS

- SANS 1091: National colour standard.
- SANS 10142: wiring code.
- SANS 2001-CS1: Structural Steelwork
- CEE 0023: Specification for installation of cables
- **CEE 057.90: Specification for the supply of cables**
- **CEE 006790: Specification for indoor AC vacuum circuit breakers**
- **P9: Engineering Instructions**
- BBB 4724: Requirements for positive isolator for 3KV DC
- BBB 5452: Installation of electrical equipment for 3KV DC Traction Substations
- BBB 2721: Primary Circuit breaker and AC/DC Control panel
- BBB 3005: 3KV Under voltage relay
- BBB 7842: HV AC Disconnects and earthing switch

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

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

5.0 CONSTRAINTS ON HOW THE CONTRACTOR PROVIDES THE WORKS

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

6 REQUIREMENTS FOR THE PROGRAMME

- 6.1 Programme of work : To be submitted by successful Contractor
- 6.2 CIDB rating : 2 EP
- 6.3 Format : Gantt chart
- 6.4 Information : How work is going to be executed and commissioned
- 6.5 Submission : 24 HOURS after the award of contract
- 6.6 Site diary : Successful Contractor to supply in triplicates carbon copies
- 6.7 Site instruction book : Successful Contractor to supply in triplicates carbon copies

7 SERVICES AND OTHER THINGS PROVIDED BY THE *EMPLOYER*

- 7.1 Transnet Freight Rail shall inspect all equipment before the equipment can be dispatched to site.
- 7.2 Transnet Freight Rail shall have an electrician available for isolation and the erection of barriers to live electrical equipment and issuing of work permits.
- 7.3 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.

"PREVIEW COPY ONLY"

Contract Data

Site Information

The works shall be performed at: **ERMELO 3KV DC SUBSTATION** as stated on the Contract Data.

"PREVIEW COPY ONLY"

delivering on our commitment *to you*



Suppliers Code of Conduct

“PREVIEW COPY ONLY”



Suppliers 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:

- » Transnet Procurement Policy - A guide for tenderers;
- » 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 (BBBEE); and
- » The Anti-Corruption Act.

This code of conduct has been compiled to formally apprise 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 Enterprise, 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.

Transnet will not participate in corrupt practices. Therefore, it 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, from suppliers.

Employees may not receive anything that is calculated to:

- Illegally influence their judgement or conduct or to influence the outcome of a sourcing activity;
- Win or retain business or to influence any act or decision of any person involved in sourcing decisions; 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" Hotline to report these acts - 0800 003 056.

Transnet is firmly committed to free and competitive enterprise.

- >> Suppliers are expected to comply with all applicable laws and regulations regarding fair competition and antitrust practices
- >> Transnet does not engage non-value adding agents or representatives solely for the purpose of increasing BBBEE spend (fronting).

Transnet's relationship with suppliers requires us to clearly define requirements, to 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.



"PREVIEW COPY ONLY"

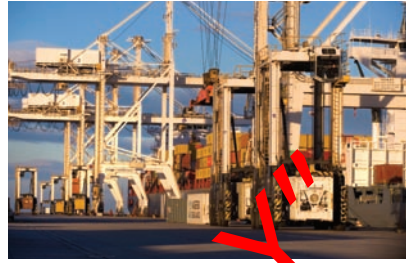
These include, but are not limited to:

- Misrepresentation of their product (origin of manufacture, specifications, intellectual property rights, etc);
 - Collusion;
 - Failure to disclose accurate information required during the sourcing activity (ownership financial situation, BBBEE status, etc.);
 - 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 must be 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.

Conflict 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. Examples are:

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



Show that you support good business practice by logging onto www.transnet-suppliers.net and completing the form.

This will allow us to confirm that you have received, and agree to, the terms and conditions set out in our Suppliers Code of Conduct.

TIP-OFFS ANONYMOUS HOTLINE
0800 003 056