

TRANSNET



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

**NEC3 Engineering & Construction Short Contract
(ECSC)**

RFP No. SIE11042 CIDB

**SUPPLY, INSTALL, TEST AND COMMISSION OF THE 5MVA
88KV/11KV TRANSFORMER UNDER THE CONTROL OF THE
DEPOT ENGINEER: ISANDO**

Open date: 18 JUNE 2012

Closing date: 10 JULY 2012

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Part T1: Tendering Procedures

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PART T1: TENDERING PROCEDURES

T1.1 TENDER NOTICE AND INVITATION TO TENDER

RFP No. SIE11042 CIDB

Transnet SOC Limited trading as Transnet Freight Rail invites tenders for supply and install 8811kV 5MVA Transformer at Knoppies distribution substation under the control of the Depot Engineer: Isando

Tenderers should have a CIDB contractor grading designation of **5EP** or higher.

The physical address for collection of tender documents is: Transnet Freight Rail, Tender Advice Centre, Ground Floor, Inyanda House 1, 21 Wellington Road, Parktown.

Tender documents may be collected during working hours after **08h00** on **Monday, 18th June 2012** and will only be available until **15h00** on **Tuesday, 26th June 2012**.

On payment of an amount of **R250.00** (per set), which is not refundable to be made to Transnet Freight Rail at the Standard Bank, account number **203158598**, branch code **004805**, reference no. RFP No. **SIE11042 CIDB**. The official Bank receipt(s) franked with the official Bank stamp to be provided with the collection of a tender document. No tenders will be sold after **15h00** on **Tuesday, 26th June 2012** deadline.

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

Ms. Caroline Moerane
Tel. No. 011 584 0626
Fax. No.
E-mail: Caroline.moerane@transnet.net

Or

Sarah Assegai
E-mail: Sarah.Assegai@transnet.net

A compulsory clarification meeting with representatives of the Employer will take place at Umjantsni A,B & C Boardroom, Ground Floor, Inyanda House 2, 15 Girton Road, Parktown on **Wednesday 27th June 2012 starting at 09h00** (contact person: **Victor Stemer on tel. 011 570-7167 or 083 380 9332**). The briefing session will be followed by the site inspection of the Sentrtrand Yard, No. 1 Durant Road, Benoni. Tenderers without a valid tender document in their possession will not be allowed to attend this compulsory clarification meeting/site inspections. 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 Tuesday, 10th July 2012.**

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 BBBEE scorecard
 - Enterprises to provide BBBEE 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 BBBEE Level 4 rating, irrespective of race ownership, i.e. 100% BBBEE recognition
 - Black ownership >50% or Black Women ownership >30% automatically qualify as Level 3 BBBEE rating, i.e. 110% BBBEE 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 BBBEE companies must state in their Tenders / Proposals the percentage of the total contract value which would be allocated to such BBBEE companies, should they be successful in being awarded any business. A rating certificate in respect of such BBBEE JV-partners and/or sub-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 BBBEE 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 BBBEE Certificate and Detailed Scorecard will result in a score of zero being allocated for BBBEE evaluation.

| |
|--------------------------------------------------------------------------------------------|
| <p>Turnover: Indicate your company's most recent annual turnover:</p> <p>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 BBBEE 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 BBBEE 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' BBBEE credentials.

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

DTI BBBEE UNIQUE PROFILE NUMBER:

.....

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

• **SUPPLIER DEVELOPMENT (SD) / ENTERPRISE DEVELOPMENT (ED):**

Transnet's SD/ED Objective

- **Transnet's short-term Supplier Development and Enterprise Development objective is to align their SD/ED initiatives with their B-BBEE Strategy in order to achieve the maximum score on the B-BBEE Scorecard.**
- **Transnet's long-term objective as defined by the Enterprise Development vision, is to leverage medium to large suppliers, as external agents, to influence downstream ED opportunities within the greater Transnet supply chain, focusing on Rolling stock, Port Equipment and Infrastructure etc.**

Focus SD/ED Area's

- **A focus will be on providing small businesses with opportunities and preferential trading terms.**
- **Empowering HDI's to create their own business resulting in quality job creation.**
- **Consider SD/ED strategy which should include financial and non financial assistance to downstream suppliers as well as skills development.**

Respondents are requested to provide TFR with their Supplier Development (SD) / Enterprise Development strategy as well as providing details of:

- Job Preservation
- Job Creation
- Skills Development
- Small Business Promotion
- Localisation / Industrialisation
- Sustainability
- Rural Development

should they be successful with this tender. As part of the proposal, the respondent will need to include a high level SD/ED proposal which will be subject to evaluation as per the ED evaluation criteria. The successful respondent/tenderer must submit a more detailed SD/ED plan within 60 days of award of contract.

• **SOCIO-ECONOMIC OBLIGATIONS FOR FOREIGN RESPONDENTS**

Foreign Respondents' socio-economic obligations under this procurement programme will fall under the associated Government initiative, namely, the Competitive Supplier Development Programme ("CSDP") as developed by the Department of Public Enterprises.

• **Competitive Supplier Development Programme (CSDP):**

Transnet's CSDP Objective

- **Transnet's CSDP objective is to influence Multinational organisations toward initiatives that lead to the development of local downstream suppliers through large-scale SOE procurement in order to develop a competitive local supplier base focusing on Rolling stock and Infrastructure.**

Focus CSDP Area's

- **Applies to procurement event/s totaling greater than R70m (\$10m) with foreign companies**
- **Leveraging expanded maintenance and manufacturing initiatives.**
- **Skills development of scarce resources increasing the quality of jobs.**
- **Transfer of technology and innovation to local suppliers from foreign**

OEM's/companies

- **Consider CSDP strategy which should include localization, sustainability and skills development as initiatives as a submission by tenderer.**

CSDP Triggers:

CSDP transactions are triggered when:

- **There is a single contract of which the total value is equal to or exceeds USD10 million (~R70 million)**
- **There is a contract with a renewable option clause, should the option be exercised, the total value of the opportunity is equal to or exceeds USD10 million (~R70 million)**

Furthermore, there is a CSDP obligation if the total value of the contract is less than USD10 million (~R70 million) but one of the following apply:

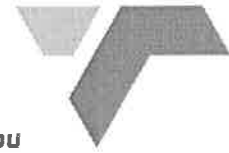
- **There is an opportunity to develop a local industry within Transnet's supply chain;**
- **When a limited local supply base exists and the potential to develop existing suppliers is evident;**
- **When there is a strong opportunity for IP and skills transfer to local suppliers and/or Transnet.**

Respondents are requested to provide TFR with their CSDP strategy as well as providing details of:

- Localisation / Industrialisation
- Sustainability
- Skills Development

should they be successful with this tender. As part of the proposal, the respondent will need to include a high level CSDP proposal to include localization, sustainability and skills transfer which will be subject to evaluation as per the CSDP evaluation criteria. The successful respondent/tenderer must submit a more detailed CSDP plan within 60 days of award of contract.

TRANSNET



delivering on our commitment **to you**

Suppliers Code of Conduct

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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.

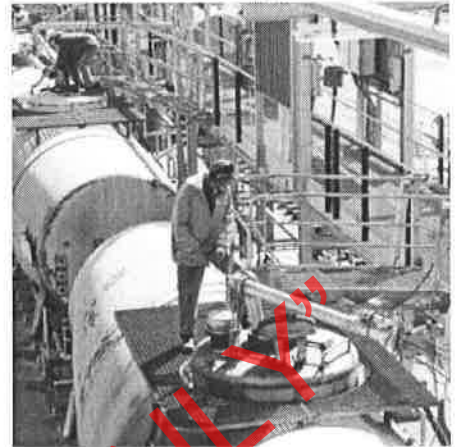
This code of conduct has been compiled to formally apprise Transnet Suppliers of Transnet's expectations regarding behaviour and conduct of its Suppliers.

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.



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**

Part T1.2: Tender Data

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T1.2 TENDER DATA

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which reproduces without any amendment or alteration for the convenience of Tenderers as an annex to this Tender Data.

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

C1.4 Contract Data: Price list

C1.5 Contract Data: Site Information

- Principal Controlled insurance

F.1.4 The employer's agent is:

Name: Mr. Thato Tabane
Address: Network Planning, (Infra, Electrical)
Tel: 011 570 7164
Cel. 071 852 1110
E-mail: Thato.tabane@transnet.net

F.2.1.1 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 5EP 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 **5EP** class of construction work; and

Joint ventures are eligible to submit tenders provided that:

1. every member of the joint venture is registered with the CIDB;
2. the lead partner has a contractor grading designation in the **5EP** class of construction work; and
3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a **5EP** class of construction work.

F.2.7 The arrangements for a compulsory clarification meeting are as stated in Part T1.1of the Tender Notice and Invitation to Tender.

Confirmation of attendance to be notified at least one full working day in advance to:

Name : **Caroline Moerane**

Tel : **011 584 0626**

Cell : **083 301 7283**

E-mail : Caroline.moerane@transnet.net

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
Park Town
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 **12 weeks**.

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 **Method 4**

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

$$W_Q = W_2 \times S_0 / M_S$$

Where: W_2 is the percentage score given to quality and equals **60**
 S_0 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:

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

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 R500,000; or
- 2) 80 where the financial value, VAT inclusive, of one or more responsive tender offers equals or is less than R500,000.

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 BBBEE rating certificates with detailed scorecards that will be issued by the verification agencies that do their BBBEE ratings in accordance with the latest Department of Trade and Industry codes of Good Practice.

- F.3.11.3 The evaluation process will be in three steps
 Step 1. Further Recognition
 Step 2. Technical
 Step 3. Commercial and BBBEE

| CATEGORY: FURTHER RECOGNITION | |
|----------------------------------------------------|-----------|
| • Business with >50% Black Ownership | 35 |
| • Business with >50% Black Woman Ownership | 35 |
| • Business with >30% Black Youth owned in Business | 30 |
| TOTAL | |

Further Recognition will be evaluated first. Suppliers who qualify with the minimum threshold of 60 will go to the next level of the step 2, of the evaluation as mentioned above. The Further Recognition scores of the qualifying tenderers will not be carried over to the next step of the adjudication as per method 4.

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| CATEGORY: TECHNICAL / PRACTICAL (SCORING MATRIX) | |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|
| 60% | |
| Compliance to all Specification/s as required | 30 |
| • Safety Plan (Part T2.2 TFR Tender Safety clauses and Questionnaire of tender document) | 10 |
| • Approach paper which responds to the scope of works and outlines proposed methodology and work plan complete with time frames. ➤ Technical approach (Method Statement) ➤ Work plan with time frames (schedule) ➤ (Gantt Chart / Level 2 Program) | 20 |
| • Experience of key staff ➤ General Qualification ➤ Adequacy for Assignment | 20 |
| • Risk plan with risk register/Environment Management | 10 |
| • Comparable projects (References / Track Record) | 10 |
| TOTAL | 100 |

| | | |
|----------------------------------|--|------------|
| CATEGORY: COMMERCIAL | | 30% |
| • Competitive Pricing | | 50 |
| • Financial Capacity | | 50 |
| TOTAL | | |
| CATEGORY: B-BBEE | | |
| B-BBEE Certificate and Scorecard | | 100 |
| 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 |

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 one.

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. TENDERING PROCEDURE

- 3.1 An addendum reflecting changes to the project specification and 'Activity Schedule' may be forwarded to the Tenderer after the site meeting and the Tenderer shall quote accordingly, failure of which will result in disqualification.
- 3.2 Tenderers shall duly fill in the attached 'Activity Schedule'. **The prices shall be fixed for the duration of the contract and no escalation will be allowed.** Items not reflected in the 'Activity Schedule', but covered in the project specification or agreed at site meetings, shall be added to the 'Activity Schedule' by the Tenderer and quoted for accordingly.
- 3.3 Tenderers 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.
- 3.4 During the duration of the contract, the successful Tenderer shall be required to inform the Deputy of any staff changes and provide the qualifications of the replacement staff for approval.
- 3.5 **Tenderers 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.
- 3.6 Tenderers shall motivate a statement of non-compliance.
- 3.7 The successful Tenderer shall provide a Gantt or a similar chart showing when the works will be done and energised. This chart shall be submitted to the Employer or Deputy within 14 days after the award of the contract has been made to the successful Tenderer.
- 3.8 Where equipment offered does not comply with standards or publications referred to in the specification, Tenderers shall state which standards apply and submit a copy in English or certified translation.
- 3.9 Tenderers shall submit descriptive literature consisting of detailed technical specifications, general constructional details and principal dimensions, together with clear illustrations of the equipment offered.
- 3.10 During the duration of the contract period, the successful Tenderer shall be required to inform the Employer / Deputy of any changes to equipment offered and submit detailed information on replacement equipment for approval prior to it being used on this contract.
- 3.11 Tenderer shall submit equipment type test certificates as specified on the contract. These shall be in English or certified translation.

Part T2: Returnable Documents/Schedules

“PREVIEW COPY ONLY”

PART T2: RETURNABLE DOCUMENTS / SCHEDULES

T2.1 LIST OF RETURNABLE DOCUMENTS

The tenderer must complete the following returnable documents:

(Tender will be disqualified if all returnable documents and schedules are not returned)

1.0 Returnable documents required for tender evaluation purposes

| No | Returnable schedules (All are to be submitted) |
|----|-------------------------------------------------------------------------------------------------|
| 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 | Experience of Key Staff in the form of Curriculum Vitae |
| 12 | Transnet SOC limited contractual safety clauses which will form part of any resulting contract. |
| 13 | Proposed amendments and qualifications |
| 14 | Labour Payment Schedule |

T2.2 RETURNABLE SCHEDULES

2.0 Returnable Schedules required for tender evaluation purposes

| No | Returnable Documents (All are to be submitted) |
|----|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | Approach paper, which responds to the proposed scope of works. |
| 16 | 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. |

3. **C1.1 Form of Offer and Acceptance**
4. **C1.2 Contract Data (Part 1 and 2)**
5. **C2.2 Price List**

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.

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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: _____

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 _____ is/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 _____

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. | | | |

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Signed _____

Date _____

Name _____

Position _____

Tenderer _____

CERTIFICATE OF AUTHORITY FOR JOINT VENTURES

This Returnable Schedule is to be completed by joint ventures.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorise Mr/Ms , authorised signatory of the company , acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.

| NAME OF FIRM | ADDRESS | DULY AUTHORISED SIGNATORY |
|--------------|---------|-----------------------------------------------------|
| Lead partner | | Signature. Name Designation |
| | | Signature. Name Designation |
| | | Signature. Name Designation |
| | | Signature. Name Designation |



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 f./f.o.r. 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: _____

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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.

Signed _____ Date _____
 Name _____ Position _____
 Tenderer _____

TRANSNET SUPPLIER DECLARATION/APPLICATION

The Financial Director or Company Secretary

Transnet Vendor Management has received a request to load your company on to the Transnet vendor database. Please furnish us with the following to enable us to process this request:

1. Complete the "Supplier Declaration Form" (SDF) on page 2 of this letter
2. **Original** cancelled cheque **OR** letter from the bank verifying banking details (**with bank stamp**)
3. **Certified** copy of Identity document of Shareholders/Directors/Members (where applicable)
4. **Certified** copy of certificate of incorporation, CM29 / CM9 (name change)
5. **Certified** copy of share Certificates of Shareholders, CK1 / CK2 (if CC)
6. A letter with the company's letterhead confirming physical and postal addresses
7. **Original** or **certified** copy of SARS Tax Clearance certificate and Vat registration certificate
8. A signed letter from the Auditor / Accountant confirming most recent annual turnover and percentage black ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (SANAS member).
*NB: ▪ Failure to submit the above documentation will delay the vendor creation process.
▪ Where applicable, the respective Transnet business unit processing your application may request further information from you. E.g. proof of an existence of a Service/Business contract between your business and the respective Transnet business unit etc.*

IMPORTANT NOTES:

- a) **If your annual turnover is less than R5 million**, then in terms of the DTI codes, you are classified as an Exempted Micro Enterprise (EME). If your company is classified as an EME, please include in your submission, a signed letter from your Auditor / Accountant confirming your company's most recent annual turnover is less than R5 million and percentage of black ownership and black female ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (e.g. permanent SANAS Member), should you feel you will be able to attain a better BBBEE score.
- b) **If your annual turnover is between R5 million and R35million**, then in terms of the DTI codes, you are classified as a Qualifying Small Enterprise (QSE) and you claim a specific BBBEE level based on any 4 of the 7 elements of the BBBEE score-card, please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency e.g. permanent SANAS Member).
- c) **If your annual turnover is in excess of R35million**, then in terms of the DTI codes, you are classified as a Large Enterprise and you claim a specific BEE level based on all seven elements of the BBBEE generic score-card. Please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (permanent SANAS Member).

- d) **To avoid PAYE tax being automatically deducted from any invoices received from you,** you must also contact the Transnet person who lodged this request on your behalf, so as to be correctly classified in terms of Tax legislation.
- e) Unfortunately, **No payments can be made to a vendor** until the vendor has been registered, and no vendor can be registered until the vendor application form, together with its supporting documentation, has been received and processed.
- f) **Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products in order that he/she should complete and Internal Transnet Departmental Questionnaire before referring the matter to the appropriate Transnet Vendor Master Office.**

Regards,

Transnet Vendor/Supplier Management *[please substitute this with your relevant Transnet department before sending this document out]*

Supplier Declaration Form

| | | | | | | | |
|----------------------------------------------------------------|----|-------------------------|---------|-------------------------------|-------------|-----------------|--|
| Company Trading Name | | | | | | | |
| Company Registered Name | | | | | | | |
| Company Registration Number Or ID Number If A Sole Proprietor | | | | | | | |
| Form of entity | CC | Trust | Pty Ltd | Limited | Partnership | Sole Proprietor | |
| VAT number (if registered) | | | | | | | |
| Company Telephone Number | | | | | | | |
| Company Fax Number | | | | | | | |
| Company E-Mail Address | | | | | | | |
| Company Website Address | | | | | | | |
| Bank Name | | | | Bank Account Number | | | |
| Postal Address | | | | | | Code | |
| Physical Address | | | | | | Code | |
| Contact Person | | | | | | | |
| Designation | | | | | | | |
| Telephone | | | | | | | |
| Email | | | | | | | |
| Annual Turnover Range (Last Financial Year) | | < R5 Million | | R5-35 million | | > R35 million | |
| Does Your Company Provide | | Products | | Services | | Both | |
| Area Of Delivery | | National | | Provincial | | Local | |
| Is Your Company A Public Or Private Entity | | | | Public | | Private | |
| Does Your Company Have A Tax Directive Or IRP30 Certificate | | | | Yes | | No | |
| Main Product Or Service Supplied (E.G.: Stationery/Consulting) | | | | | | | |
| BEE Ownership Details | | | | | | | |
| % Black Ownership | | % Black women ownership | | % Disabled person/s ownership | | | |
| Does your company have a BEE certificate | | | Yes | | No | | |
| What is your broad based BEE status (Level 1 to 9 / Unknown) | | | | | | | |

| | | | | |
|-------------------------------------------------------------------------|-----------|---------------|-----------|--|
| How many personnel does the firm employ | Permanent | | Part time | |
| Transnet Contact Person | | | | |
| Contact number | | | | |
| Transnet operating division | | | | |
| Duly Authorised To Sign For And On Behalf Of Firm / Organisation | | | | |
| Name | | Designation | | |
| Signature | | Date | | |
| Stamp And Signature Of Commissioner Of Oath | | | | |
| Name | | Date | | |
| Signature | | Telephone No. | | |

NB: Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products.

2. VENDOR TYPE OF BUSINESS

(Please tick as applicable) (* - Minimum requirements)

| | | | | | | | | | |
|-------------------------------------------|----------------------------------------------------------------------------------|--------|------|-------|--------------------------------------------------------|-------|-------|-------|-------|
| 2.1 | Indicate the business sector in which your company is involved/operating: | | | | | | | | |
| Agriculture | | | | | Mining and Quarrying | | | | |
| Manufacturing | | | | | Construction | | | | |
| Electricity, Gas and Water | | | | | Finance and Business Services | | | | |
| Retail, Motor Trade and Repair Services | | | | | Wholesale Trade, Commercial Agents and Allied Services | | | | |
| Catering, accommodation and Other Trade | | | | | Transport, Storage and Communications | | | | |
| Community, Social and Personal Services | | | | | Other (Specify) | | | | |
| Principal Business Activity * | | | | | | | | | |
| Types of Services Provided | | | | | | | | | |
| Since when has the firm been in business? | | | | | | | | | |
| 2.2 | What is your company's annual turnover (excluding VAT)? * | | | | | | | | |
| <R20k | >R20k | >R0.3m | >R1m | >R6m | >R11m | >R16m | >R26m | >R31m | >R35m |
| | <R0.3m | <R1m | <R5m | <R10m | <R15m | <R25m | <R30m | <R34m | |
| | | | | | | | | | |
| 2.3 | Where are your operating/distribution centres situated * | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

3. VENDOR OWNERSHIP DETAIL

(Please tick as applicable) (* - Minimum requirements)

| | |
|------------|--------------------------------------------------------------|
| 3.1 | Did the firm previously operate under another name? * |
|------------|--------------------------------------------------------------|

| | | | |
|--------------------|--------------------------------------------------------------|------------|--|
| YES | | NO | |
| 3.2 | If Yes state its previous name:* | | |
| Registered Name | | | |
| Trading Name | | | |
| 3.3 | Who were its previous owners / partners / directors?* | | |
| SURNAME & INITIALS | | ID NUMBERS | |
| | | | |
| | | | |
| | | | |

| 3.4 | List Details of current partners, proprietors and shareholders by name, identity number, citizenship, status and ownership as relevant: * | | | | | | | |
|--------------------|--------------------------------------------------------------------------------------------------------------------------------------------------|--------------|-----|------------|---------|--------------------|----------|-----------|
| SURNAME & INITIALS | IDENTITY NUMBER | CITI-ZENSHIP | HDI | DIS- ABLED | GENDE R | DATE OF OWNERSHI P | % OWNE D | % VOTIN G |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |

| 3.5 | List details of current directors, officers, chairman, secretary etc. of the firm: * | | | | | |
|--------------------|---------------------------------------------------------------------------------------------|-------|------------|--------|-------------------------------|----------------|
| SURNAME & INITIALS | IDENTITY NUMBER | TITLE | DIS- ABLED | GENDER | % OF TIME DEVOTED TO THE FIRM | CONTACT NUMBER |
| | | | | | | |
| | | | | | | |
| | | | | | | |
| | | | | | | |

| 3.6 | List details of firms personnel who have an ownership interest in another firm: * | | | | |
|--------------------|------------------------------------------------------------------------------------------|------------------------------|---------------------|---------|--------------------------------|
| SURNAME & INITIALS | IDENTITY NUMBER | NAME & ADDRESS OF OTHER FIRM | TITLE IN OTHER FIRM | % OWNED | TYPE OF BUSINESS OF OTHER FIRM |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

4. VENDOR DETAIL

(Please tick as applicable) (* - Minimum requirements)

| | | | | | | |
|------------------|---------------------------------------------------|-------|----------|--------|-------|-------|
| 4.1 | How many personnel does the firm employ? * | | | | | |
| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
| Permanent | | | | | | |
| Part Time | | | | | | |

| | | | | | | |
|--------------|------------------------------------------------------------------------------------|-------|----------|--------|-------|-------|
| 4.1.1 | In terms of above kindly provide numbers on women and disabled personnel? * | | | | | |
| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
| Women | | | | | | |

| | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----------------------------------------|-----------------|----------------------------|----------------|---------------------------------------|
| Disabled | | | | | | |
| 4.2 Provide Details of Contact Person/s Responsible for Broad Based Black Economic Empowerment (BBBEE) in the Company * | | | | | | |
| SURNAME | | INITIALS | | DESIGNATION | | TELEPHONE NO. |
| | | | | | | |
| | | | | | | |
| 4.2.1 Is your company a value adding supplier (i.e. registered as a vendor under the VAT Act of 1991, where NPAT + total labour cost > 25% of total revenue)? | | | | | | |
| YES | | NO | | | | |
| 4.2.2 Is your company a recipient of Enterprise Development Contributions?* | | | | | | |
| YES | | NO | | | | |
| 4.2.3 May the above mentioned information be shared and included in Transnet Supplier Data future reference? * | | | | | | |
| YES | | NO | | | | |
| 4.2.4 If you are successful in the tender/contract (where applicable) and this is awarded to your company / organisation, will this have a positive impact on your employment plans? * | | | | | | |
| YES | | NO | | | | |
| 4.2.5 If yes (above) kindly provide the following information: | | | | | | |
| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
| Permanent | | | | | | |
| Part Time | | | | | | |
| 4.2.6 In terms of above kindly provide numbers on woman and disabled personnel: | | | | | | |
| | BLACK | WHITE | COLOURED | INDIAN | OTHER | TOTAL |
| Women | | | | | | |
| Disabled | | | | | | |
| 4.2.7 Are any of your members/shareholders/directors ex employees of Transnet? | | | | | | |
| YES | | NO | | | | |
| 4.2.8 Are any of your family members employees of Transnet? | | | | | | |
| YES | | NO | | | | |
| 4.2.9 If Yes to points 4.2.7 & 4.2.8, list details of employees/ex-employees | | | | | | |
| SURNAME & INITIALS | IDENTITY NUMBER | NAME & ADDRESS OF OTHER FIRM | | TITLE IN OTHER FIRM | % OWNED | TYPE OF BUSINESS OF OTHER FIRM |
| | | | | | | |
| | | | | | | |
| | | | | | | |

Internal Transnet Departmental Questionnaire (for office use only)

| | | | | | | | | | | | |
|------------------------------------------------------------------------------------|--|------------|--|------------|--|------------|--|----------------------|--|------------|--|
| Section 1: To be completed by the Transnet Requesting / Sourcing Department | | | | | | | | | | | |
| TFR | | TRE | | TPT | | TPL | | TNPA | | TRN | |
| Create | | Amend | | Block | | Unbloc | | Once-Off / Emergency | | | |
| Exten | | Delete | | Undele | | | | | | | |
| Supplier's trading name | | | | | | | | | | | |
| Supplier's registered name | | | | | | | | | | | |
| Please indicate if the Supplier has a contract with sourcing Transnet OD | | | | | | | | Yes | | No | |
| If yes please submit a copy of the letter of award | | | | | | | | | | | |

| a) What is being procured from the supplier? | | | | |
|----------------------------------------------|-----|--|----|--|
| i. Products only | Yes | | No | |
| ii. Services only | Yes | | No | |
| iii. Labour only | Yes | | No | |
| iv. Mix of services and products | Yes | | No | |
| v. Mix of services and labour | Yes | | No | |

b) If your answer is **YES** to questions II, III, IV or V in paragraph a) above, please indicate whether the relevant **PAYE questionnaires** have been forwarded to the appropriate **Transnet Operational Divisions'** decision making bodies / **Strategic Supply Management** team for a directive /decision on tax withholding from payments to this supplier.

| | | | |
|-----|--|----|--|
| Yes | | No | |
|-----|--|----|--|

c) If your reply to (b) is "NO", please furnish reasons :

d) Certification and Approval of proposed Vendor Creation/Unblocking/Other Changes by Transnet Official with Appropriate Delegated Authority :

I HEREBY CERTIFY THAT THE TRANSNET DETAILED PROCUREMENT PROCESS (DPP) / PROCUREMENT MECHANISM HAS IN ALL RESPECTS BEEN ADHERED TO AND I THEREFORE APPROVE THE PROPOSED VENDOR CREATION/APPROVAL/OTHER CHANGES TO BE EFFECTED ON THE VENDOR MASTER

| | | Grade | Date | | | | | | | | Signature |
|---------|--|-------|------|---|---|---|---|---|---|---|-----------|
| | | | Y | Y | Y | Y | M | M | D | D | |
| Tel No: | | Fax | | | | | | | | | |

Section 2: To be completed by the BEE Department (this section is for Confirmation/Determining of

| NARROW BASED (NB) | | | | BROADBASED (BBBEE) | | | | VALIDITY DATE | | | |
|-------------------|------|-------|------|--------------------|-----------|-----------------|--------------|---------------|---|---|-----------|
| BEE O/S | BWBE | DPBE | MR | CONTR. LEVEL | EME: <R5m | QSE: >R5m <R35m | LARGE: >R35m | | | | |
| | | | | | | | | | | | |
| | | Grade | Date | | | | | | | | Signature |
| | | | Y | Y | Y | Y | M | M | D | D | |
| | | | Y | Y | Y | Y | M | M | D | D | |

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 checked="" 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 Province
- 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 methodologies which are to be adopted, demonstrate the compatibility of those methodologies 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) | |
| 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. <hr/> <i>[Signature of person named in schedule]</i> <hr/>Date | |

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 obtains 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 | | |
| - Is there a written company health and safety policy? - If yes provide a copy of the policy | | |
| - Does the company have an OH&S Management system e.g NOSA, OHSAS, IRCA System etc - If yes provide details | | |
| - Is there a company OH&S Management System, procedures manual or plan? - If yes provide a copy of the content page(s) | | |
| - Are health and safety responsibilities clearly identified for all levels of Management and employees? - 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 | | |
| <ul style="list-style-type: none"> - 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 | | |

| | | |
|-------------------------------------------------------------------------------------------------------------------------------|--|--|
| | | |
| Is company registered with workmen's compensation and up to date? - If yes provide proof of letter of good standing | | |
| - 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(-30deg); 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 Rate/Hour _____

Unskilled Rate/Hour _____

Labourer Rate/Hour _____

Driver/Operator Rate/Hour _____

% Profit on Material _____

TRANSPORT AND MACHINERY
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: _____

RUNNING

| | |
|-------|-------|
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |
| _____ | _____ |

TENDER NUMBER: SIE11042
ANNEXURE B
SUPPLY AND INSTALL 88/11 KV 5MVA TRANSFORMER AT KNOPPIES DISTRIBUTION SUBSTATION UNDER THE CONTROL OF THE DEPOT ENGINEER

SUPPLIER DEVELOPMENT - BIDDERS RESPONSE

This section must be duly completed in terms of this procurement event/tender/RFP (over the contract period) being awarded to you.

| SD CATEGORY | SD MEASUREMENT | NUMBER | PERCENTAGE | SD VALUE INDICATORS TAG/GRAND VALUE/BID REFERENCE |
|-------------|--------------------------------------------------------------------------------------------------------------------|--------|------------|------------------------------------------------------|
| 3.1 | Further | | | |
| 3.1.1 | In terms of Ownership of the entity, what percentage of exercisable voting rights is in the hands of Black Persons | | | |
| 3.1.2 | In terms of Ownership of the entity, what percentage of exercisable voting rights is in the hands of Black Women | | | |
| 3.1.3 | In terms of Ownership of the entity, what percentage of exercisable voting rights is in the hands of Black Youth | | | |
| | | | | |
| | | | | |

Tender Data
Part T2: Returnable documents



T2.1
List of Returnable Documents

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Part C1: Agreement and Contract Data

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Contract Data

The Employer is

Name Transnet Limited Trading as Transnet Freight Rail
Address 1 Anvil Road, isando
Telephone (011) 584 0626 Fax No. (011) 774-9835
E-mail Caroline.moerane@transnet.net

The works is

SUPPLY AND INSTALL 88kV/11kV 5MVA TRANSFORMER AT KNOPIES DISTRIBUTION SUBSTATION UNDER THE CONTROL OF THE DEPOT ENGINEER, ISANDO.

The site is

KNOPIES DISTRIBUTION SUBSTATION

The starting date is

The completion date is

The reply period is

weeks

The defects date is

weeks after completion

The defect correction period is

2(two)

weeks

The delay damages are

R2,000.00

per day

The assessment day is the

13th (thirteen)

of each month

The retention is

10

%

Does the United Kingdom Housing Grants, Construction and Regeneration Act (1996) apply?

No

The Adjudicator is

Name

Address

Telephone

Fax No.

E-mail

Contract Data

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

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

The *Employer* provides this
Insurance

The minimum amount of cover for the third insurance stated in the
Insurance Table is

The minimum amount of cover for the fourth insurance stated in the
Insurance Table is

The adjudicator nominating
body is

The tribunal is

If the tribunal is arbitration,
the arbitration procedure is

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

1.0 CONTRACTUAL OBLIGATIONS

A:

1.1 This document covers Transnet freight rail's requirements for supply and installation of 88kV/11kV 5MVA transformer at Knoppies Distribution Substation under the control of the depot engineer, Isando.

1.2 A compulsory site meeting will be held on the Wednesday the 27th June 2012, at No. 15 Girton Road, Inyanda House 2, Parktown, Umjantshi A,B and C.

1.3 The closing time and location for submission of the quotation offers is:

TIME : 09H00

LOCATION : Tenders must be deposited to the Tender Box, which will be located in the foyer of INYANDA HOUSE, Transnet freight rail and shall be addressed as follows : Chairperson, Transnet Freight Rail Acquisition Council, Inyanda House, 21 Wellington Road, Parktown.

1.4 Tenders must be enclosed in a sealed envelope bearing **description of the project** on the outside.
1.5 Tenderers must duly fill in the Tender Form E4E and its Annexures and submit the same with their offers.

B:

- 1.1 The Contractor shall not make use of any sub-Contractor to perform the works or parts thereof without prior permission from the Project Manager.
- 1.2 The Contractor shall ensure that a safety representative is at site at all times.
- 1.3 The Contractor shall comply with all applicable legislation and Transnet safety requirements adopted from time to time and instructed by the Project Manager / Supervisor. 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.
- 1.4 The Contractor shall, in particular, comply with the following Acts and Transnet Specifications:-
 - 1.4.1 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.
 - 1.4.2 The Occupational Health and Safety Act (Act 85 of 1993).
 - 1.4.3 The explosive Act No. 26 of 1956 (as amended). The Contractor shall, when applicable, furnish the Project Manager / Supervisor 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.
 - 1.4.4 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 Project Manager / Supervisor.
 - 1.4.5 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.
- 1.5 The Contractor's Health and Safety Programme shall be subject to agreement by the Project Manager / Supervisor, 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.
- 1.6 In addition to compliance with clause 1.4 hereof, the Contractor shall report all incidents in writing to the Project Manager / Supervisor. 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.
- 1.7 The Contractor shall make necessary arrangements for sanitation, water and electricity at these relevant sites during the installation of the equipments.
- 1.8 10% retention money will be retained and will be released 6 months after the completion date of the sub-order repairs of each transformer.
- 1.9 The Contractor shall supply a **site diary** (with triplicate pages). This book shall be used to record any unusual events during the period of the work. Any delays to the work shall also be recorded such as delays caused by poor weather conditions, delays caused by permits being cancelled etc. The appointed Project Manager or Supervisor must countersign such delays. Other delays such as non-availability of equipment from 3rd party suppliers must be communicated to the Project Manager or Supervisor in writing.
- 1.10 The Contractor shall supply a site instruction book (with triplicate pages). This book shall be used to record any instructions to the Contractor regarding problems encountered on site – for example the quality of work or the placement of equipment. This book shall be filled in by the Project Manager or Supervisor and must be countersigned by the Contractor.
- 1.11 Both books mentioned in 1.10 and 1.11 shall be the property of Transnet freight rail and shall be handed over to the Project Manager or Supervisor on the day of energising or handing over.
- 1.12 All processes or the manufacture and assembly of the product components must be subjected to a quality assurance system.

- 1.13 The Contractor will assume full responsibility for assuring that the products purchased meet the requirements of Transnet freight rail for function, performance, and reliability, including purchased products from 3rd part Suppliers/Manufacturers.
- 1.14 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.
- 1.15 The Contractor will remain liable for contractual delivery dates irrespective of deficiencies discovered during workshop inspections.

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Contract Data

The Contractor's Offer

The Contractor is

Name

Address

Telephone Fax No.

E-mail

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

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

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

The offered total of the Prices is

Signed on behalf of the Contractor

Name

Position

Signature Date

The Employer's Acceptance

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

Signed on behalf of the Employer

Name

Position

Signature Date

APPENDIX 1

Contract Data

Works Information

3.0 DEFINITIONS.

3.1 "CONTRACT PROJECT MANAGER"

"Contract Project Manager" refers to the person appointed by Transnet freight rail to supervise and take charge of the contract.

4.0 SCOPE

4.1 This document covers Transnet freight rail's requirements for supply and installation of 88kV/11kV 5MVA transformer at Knoppies Distribution Substation under the control of the depot engineer, Isando.

5.0 DESCRIPTION OF WORK

- 5.1 Supply and install 5MVA, 88/11 kV distribution transformer at Knoppies distribution substation in accordance with specification, BBB 8205 version 2.
- 5.2 Supply and install GOB bushings for the main transformers complete with clamps.
- 5.3 Supply and install secondary bushings for the main transformer complete with clamps.
- 5.4 Supply and install flying busbars from the primary circuit breaker to the primary bushings of the distribution transformer complete with clamps.
- 5.5 Supply and install 11 kV power cable from the transformer termination box to the distribution panel.
- 5.6 Supply and install all control and power cables necessary for the correct operation of the transformer from the transformers to the distribution panel.
- 5.7 Supply and fill the transformer with virgin oil. The oil shall be stored in PCB free containers.
- 5.8 The Contractor shall provide oil storage containers, power plant, filter plant and vacuum pump.
- 5.9 The Contractor shall take oil samples within 48 hours after commissioning. The results shall be submitted within 7 working days after taking oil sample.
- 5.10 The Contractor shall repair any leaks within 7 days after being reported and re-tighten all newly installed gaskets three month after completion of the works.

6.0 CONCRETE FOUNDATIONS

- 6.1 Supply material and cast foundations for the transformers.
- 6.2 The Contractor shall be responsible for the design and casting of foundations for all the equipment to be installed.

- 6.3 The Contractor shall arrange for the certification of the foundation and steel structural designs by a professional Engineer or Technologist registered with the Engineering Council of S.A. (ECSA). These designs shall be submitted before the commencement of any civil work.
- 6.4 The successful tenderer shall visit all sites to determine foundation and steelwork requirements.
- 6.5 The Contractor shall also carry out his own survey in regard to soil types and their load carrying capabilities.
- 6.6 Tenderers shall ensure that provision (financial as well as time) for excavations in a range of soil types is made for in their tender.
- 6.7 The 28-day strength of all concrete used shall be a minimum of 20Mpa.
- 6.8 If ready mix concrete is used, the Contractor shall submit certificates confirming the strength of the concrete to the Supervisor.
- 6.9 Hand mixed concrete is not acceptable.
- 6.10 The addition of water to a concrete mix reduces the strength of that concrete significantly and on no account shall water be added to a mix after test cubes have been taken.
- 6.11 Equipment support foundations shall be finished off, 200mm above the compacted ground level of the yard. The design must be such as to prevent water standing.
- 6.12 All foundations shall be bevelled at 45° and the surfaces float finished.
- 6.13 All support foundations shall be at the same level.

7.0 STEEL WORK

- 7.1 The design, supply and installation of all steel structures for the support of equipment as well as the alterations to existing steelwork shall be the responsibility of the Contractor.
- 7.2 The manufacture of any steelwork shall not take place prior to the approval of the design drawings by the Project Manager.
- 7.3 Transnet freight rail shall inspect the steelwork (stainless or galvanized for corrosion) at the manufacturer's works prior to dispatch.
- 7.4 All fasteners (nuts & bolts) shall be secured using flat and spring washers where necessary.
- 7.5 All steelwork shall be galvanized in accordance with SANS 121 and, where required painted in accordance with specification CEE 045 of 2002/1.

8.0 REQUIREMENT FOR THE INSTALLATION OF THE TRANSFORMERS

- 8.1 The Contractor shall make provision for the replacement of any small steel parts, bolts, and nuts if required. All the supplied material shall be stainless steel.
- 8.2 The distribution transformers main tanks and their associated conservator tanks shall be painted grey and white respectively and in accordance with Transnet freight rail specifications CEE.0045 and CEE.0183.2002.
- 8.3 The gasket shall be Type 72 with the thickness of 10 mm for the top gasket and oil fins, and 6mm for the rest of the attachment brackets.
- 8.4 All insulators and electrical components shall be covered when spraying and or painting equipment indicated in the schedule of quantities.

- 8.5 The Contractor shall provide the oil filtering equipment, oil storage container and three-phase power plant.
- 8.6 The Contractor shall fill the transformer with the virgin mineral insulating oil after the completion of work. This shall be performed under vacuum conditions.
- 8.7 The Contractor shall filter the oil when filling the transformer.
- 8.8 The oil shall comply with the requirements specified in SABS 555 edition 4 of 2002.
- 8.9 The Contractor shall perform oil tests for all the transformers before the commencement of work and 48 hours after the completion of the works. The oil samples shall be taken from the top and bottom of the main tank of the transformer.
- 8.10 The Contractor shall perform oil purification of the transformer oil in accordance with Transnet freight rail specification CEE.0229 of 1995. The purified oil shall comply with the requirements specified in SABS 555 edition 4 of 2002.
- 8.11 The Contractor shall repair any defects within 14 days from the date of inspection.
- 8.12 The Contractor shall clean oil spills on the transformer plinth and ballast.

9.0 TESTING AND ANALYSIS OF TRANSFORMER OIL

- 9.1 The Contractor shall sample and test the oil in accordance with the specification as shown below on Table 1.
- 9.2 The test shall be done before the transformer is filled with oil.

Table 1. Tests to be done on virgin oil after delivery to site.

| Oil | Unit | Specification | Reference and / or test method |
|--------------------------------------------------|-----------------------|----------------------------------|--------------------------------|
| Aromatic content | % | 6 to 14 max | IEC 60590 |
| Total fufural and furans | mg/kg | Not detectable | BS 148 |
| Poly aromatics hydrocarbons | % | ≤ 3,0 max | IP 346 |
| Aniline point | °C | 63 to 84 | ASTM D611 |
| Interfacial tension @ 20 °C | mN/m | ≥ 40 min | ISO 6295 |
| Neutralization value | mg KOH/g | ≤ 0,03 max | BS 148 |
| Corrosive sulphur | | Non corrosive | Cigre CCD - method |
| Moisture | mg/kg | ≤ 20 max | IEC 60814 |
| Anti- oxidant additives | % by mass | No additives | IEC 60666 |
| Oxidation stability acidity after 164 h @ 120 °C | mg KOH/g | ≤ 0,4 max | IEC 60074 |
| Oxidation stability sludge after 164 h @ 120 °C | % by mass | ≤ 0,1 max | IEC 60074 |
| Dielectric Strength | kV/ 2,5 mm | ≥ 60 min | IEC 60156 |
| Dissipation factor @ 90 °C | | ≤ 0,005 max | IEC 60247 |
| Gassing Tendency | mm ³ /min | ≤ 5 | BS 148 |
| Particles contamination and fibres per 100 ml | Particles size <15 µm | ≤ 1000 particles/dm ³ | ISO 4406 of 2000 |
| Silicon Content | ppm | Not detectable | |
| Polychlorinated biphenyl | mg/kg | Not detectable | EPA 608b |

9.1 The oil tests shall be done by an accredited laboratory. The copy of the accreditation certificate shall be submitted together with the oil results.

9.2 **The Contractor shall provide the following tests 48 hours after energizing the transformer:**

- Moisture Content
- Acid Content
- Dielectric Strength Test
- Dissolved Gas Analysis
- Sludge Test
- Chlorine Test
- PCB Test*
- Furanic Test
- PCB test will be performed only if the Chlorine test is positive

9.3 **The Contractor shall provide containers for sampling and labels for the information to be supplied with the sample. The labels must make provision for the following information:**

- District / Depot
- Location (of substation)
- Date of sample
- Sampled by: (name)
- Unit Duty (Traction/ Auxiliary Transformers)
- Unit Make
- Unit Serial Number
- Unit Voltage (kV)
- Unit Capacity (MVA)
- Sampling Point
- Gauge Temperature
- Contract Number

9.4 Transnet Freight Rail shall not accept samples unless all the information has been provided.

9.5 The contractor shall provide a hard copy of the results to the Project Manager and Technical officer.

9.6 For each parameter tested, the Contractor shall provide an allowable limit. For example the report must show the breakdown of tests as shown below:

| Test | Value | Allowable |
|-------------------|--------------|------------------|
| Electric Strength | 20kV | >60kV |

10.0 TECHNICAL SPECIFICATIONS OF THE TRANSFORMERS.

10.1 **Transformer requirement for Knoppies distribution substation:**

10.1.1 Nominal system/primary voltage is 88kV and secondary is 11kV.

10.1.2 Number of phases: primary three and secondary three.

10.1.3 Neutral point required only on the secondary side. Neutral point shall be effectively earthed.

10.1.4 The supply frequency is 50 Hz and rated power shall be 3 MVA.

10.1.5 Number of tap switches shall be 5.

10.1.6 The transformer shall have five off circuit tapping positions of $\pm 5\%$.

10.1.7 Vector group shall be Dyn11.

10.1.8 GOB bushings shall be fitted on the primary side.

10.1.9 Bushings shall be fitted on the secondary side.

10.1.10 Cable termination box shall be fitted on the secondary side.

10.1.11 The transformer shall be mounted on the flat base.

10.1.12 The Contractor shall make provision for lifting lugs and the jacking pads.

10.1.13 The following fittings are required: -

- Conservator with oil level indication.
- Silica gel breather.
- Gas and oil actuating relay with test and sample valves.
- Main tank drain valve.
- Oil temperature and Winding temperature indications.
- Galvanised radiators.

10.1.14 The transformer main tank cover joint shall be welded.

10.1.15 The welded joint of the main tank cover shall be designed to permit removal of the weld with the minimum damage mating flanges so that they will be suitable for re-welding.

11.0 FACTORY TESTS TO BE CONDUCTED ON THE TRANSFORMER.

11.1 All the tests as per Transnet Freight Rail's specification BBB 5019 version 4.

11.2 Insulation power factor test to check the quality of the insulation.

11.3 Resistance measurements tests (megger tests) to check the integrity of the windings.

11.4 Ratio test to check if the transformer has been constructed with proper ratio of turns in the primary and the secondary windings and if the transformer has the proper percent differential between taps.

11.5 The ratio test shall be performed in all rated voltage connections to all the positions.

11.6 Polarity tests to check if the polarity is as shown on the nameplate.

11.7 No load and excitation tests at rated voltage.

11.8 Vacuum leak tests to check for any leaks.

11.9 Temperature rise test to determine whether the temperature rise of the windings, oil meet the design values.

11.10 Frequency response analysis tests to obtain the fingerprint of the transformer. This can be used to determine future mechanical problems inside the transformer.

11.11 Dissolved gas analysis after the temperature rise tests.

12.0 FILLING THE TRANSFORMER WITH VIRGIN OIL

12.1 The transformer shall be filled with virgin oil under vacuum.

12.2 The vacuum to be drawn on the transformer shall be as stated on the transformer nameplate.

12.3 The transformer shall not have leaks for this method to be efficient.

12.4 Factory residual moisture content shows equilibrium with the vacuum as follows:

- At 40 °C, minimum of 10- 27 Pa vacuum required.

- At 60 °C, minimum of 40- 160 Pa vacuum required.
- At 80 °C, minimum of 160- 190 Pa vacuum required.

- 12.5 Circulate the transformer oil through an oil filtering plant.
- 12.6 Record the oil temperature going into and coming out of the transformer. Limit the temperature of the ingoing oil to a maximum of 90 °C.
- 12.7 Circulate oil through the transformer until bottom oil temperature reaches 60 °C.

13.0 OIL FILTERING EQUIPMENT

- 13.1 The oil purification plant shall be mobile, as the purification shall take place on the field. It shall be mounted on a roadworthy double axle trailer and be covered by a waterproof canopy.
- 13.2 Purification of the oil shall be carried out when the transformer is off load.
- 13.3 The oil shall be passed through a porous media for exposure to the effect of vacuum and easy of releasing moisture and gaseous contaminants. Porous media cartridge called coalescer is recommended for this process.
- 13.4 The filtration cartridges shall be constructed from non-migration type cellulose material with a high dirt holding capacity.
- 13.5 The plant shall have built in sensing devises to continually monitor all vital parameters. If any of the parameters deviate from normal operation the plant shall shut down instantaneously preventing the flow of oil.
- 13.6 The following parameters shall be monitored: -
- Temperature
 - Vacuum level
 - Pressure
 - Foam and overflow
 - Motor overload
- 13.7 Diagnostic light shall remain on to inform the operator what failed and what corrective action is required.
- 13.8 A low watt density heater shall be used to prevent heat degradation of the oil. The maximum power density shall be 1.7-watt/ cm².
- 13.9 Heater elements shall be encapsulated in steel tubes and be completely insulated from the oil to prevent fire hazards and to provide uniform heating of the oil.
- 13.10 Heaters shall be protected by fail-safe electronic type temperature controller.
- 13.11 The purification plant should be able to achieve the following from three passes:-
- Remove water from 50 ppm down to 10ppm.
 - Remove gas from 12% by volume of oil to 1%.
 - Remove 95% of particles over 0,5 micrometer.
 - Improve the dielectric strength to at least 40 kV.
- 13.12 Instrumentation and electrical controls shall be located in a dust proof enclosure.
- 13.13 When the plant is operating automatically, a manual override of all functions shall be provided. A plant shall have an emergency shut down switch, which will override any operation.
- 13.14 If high foam is detected, vacuum shall be reduced to acceptable level, and if the foaming persists for five seconds the plant shall shut down.

- 13.15 If the inlet or discharge valve is closed during start up or operation low-level alarm should activate and the plant shall be shut down.
- 13.16 The plant shall be fitted with phase sequence relay and automatic interlock to prevent incorrect rotation of equipment.
- 13.17 The plant shall be fitted with vacuum booster to enhance transformer dry out and the oil over flow shall be incorporated into this booster to prevent oil from transformer from entering into the booster.
- 13.18 The plant shall be fitted with programmable logic controller (PLC) to control the operation of the plant. The operator should simply push the start button and the PLC shall sequentially start the plant.
- 13.19 The operator shall also be able to operate the plant manually by selecting manual control. When the plant is operating manually, the PLC shall monitor all alarm functions of the plant.
- 13.20 The plant shall be equipped with an in line water in oil monitor. The monitor shall display water content in the transformer oil in parts per million (ppm).
- 13.21 The plant shall be equipped with a temperature monitor. The monitor shall display the temperature of transformer oil in degree Celsius ($^{\circ}\text{C}$).

14.0 CONSTRAINTS ON HOW THE CONTRACTOR PROVIDES THE WORKS

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

16.0 REQUIREMENTS FOR THE PROGRAMME

- 16.1 **Programme of work** : To be submitted by successful Contractor
- 16.2 **CIDB rating** : 5EP or above
- 16.3 **Format** : Gantt chart
- 16.4 **Information** : How work is going to be executed and commissioned
- 16.5 **Submission** : 3 weeks after the award of contract
- 16.6 **Site diary** : Successful Contractor to supply in triplicates carbon copies
- 16.7 **Site instruction book** : Successful Contractor to supply in triplicates carbon copies

17.0 SERVICES AND OTHER THINGS PROVIDED BY THE EMPLOYER

- 17.1 Transnet Freight Rail shall inspect the support steel structure on the premises of the manufacturer.
- 17.2 Transnet freight rail shall inspect all the equipment before dispatching the equipment to site.
- 17.3 Transnet freight rail shall have an electrician available for isolation and the erection of barriers to live electrical equipment and issuing of work permits.
- 17.4 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.

18.0 DRAWINGS

| Drawing number | Revision | Title |
|----------------------------------|----------|-------|
| As per Specification no.CEE.0224 | | |

19.0 SPECIFICATIONS

Standards

Unless otherwise specified all material and equipment supplied shall comply with the current edition of the relevant SANS, BS, IEC or Transnet freight rail publication where applicable.

The following Transnet Freight Rail's specifications apply to this contract:

| Title | Date or revision | Tick if publicly available |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------------------|
| BBB 8205: High Voltage Supply Transformers in accordance with IEC 60076 and BS 171. | Version 2- 2008 | <input checked="" type="checkbox"/> |
| BBC 0198: Requirements for the supply of Electric Cables. | | <input type="checkbox"/> |
| CEE.0023.90: Specification for the Installation of Cables. | | <input type="checkbox"/> |
| CEE 045 of 2002: Painting of steel components of Electrical Equipment. | Version 1 | <input type="checkbox"/> |
| CEE.0183: Hot dip galvanising and painting of Electrical Equipment. | 2002 | <input type="checkbox"/> |
| CEE.0224: Drawings, catalogues, instruction manuals and spares lists for Electrical Equipment supplied under contract. | 2002 | <input type="checkbox"/> |
| S420: Specification for concrete work. | 1999 | <input type="checkbox"/> |
| E4.B: Minimum communal health requirements in areas outside the jurisdiction of a local authority: Temporary facilities for contractor's personnel. | November 1996 | <input type="checkbox"/> |
| E4.E: Safety arrangements and procedural compliance with the occupational health and safety (Act 85 of 1993) and applicable regulations. | August 2006 | <input type="checkbox"/> |
| Addendum no.1 to the E7/1: Specification for works on, over, under or adjacent to railway lines and near high voltage equipment. | July 1998 | <input type="checkbox"/> |
| E7/1: Specification for works on, over, under or adjacent to railway lines and near high voltage equipment. | July 1998 | <input type="checkbox"/> |
| | | <input type="checkbox"/> |

20.0 CONSTRAINTS ON HOW THE CONTRACTOR PROVIDES THE WORKS

- 21.0 In areas where supervision is required, all work shall be undertaken during Transnet Freight Rail's working hours.
- 22.0 The Maintenance Manager (Electrical) shall be contacted to arrange for access, supervision and the necessary work permits. The contact details of the relevant Maintenance Managers shall be supplied to the successful tenderers.
- 23.0 All works shall be carried out in terms of Transnet Freight Rail's Electrical Safety Instructions and the E7/1 'Specification for Works On, Over, Under or Adjacent to Railway Lines and Near High Voltage Equipment'.
- 24.0 Contractor may not work on more than one site concurrently, per Depot area, where supervision is required.
- 25.0 Precautions should be taken to ensure that the ballast stone is not contaminated during excavations. Should any contamination occur, it shall be rectified before the site is handed over.

26.0 REQUIREMENTS FOR THE PROGRAMME

A programme of works shall be submitted by the successful tenderer on the first contract meeting
The programme shall indicate the following:

- Date of placement of material orders
- Expected date of receipt of ordered materials
- Date of commencement of physical work per site.
- Date of completion per site.
- Date of tests and hand-over per site.

All work and tests shall be carried out during Transnet Freight Rail's normal working hours.

The programme shall be updated and submitted whenever there are deviations to the latest, previously submitted.

27.0 SAFE WORKING ON TRANSNET FREIGHT RAIL SUBSTATION SITES.

27.1 The Contractor or his sub Contractor shall be required to work on site in accordance with Transnet freight rail's safety specification E4E of April 1997 and the Occupational Health and Safety Act 85 of 1993.

27.2 The Contractor shall be required to work under direct supervision of Transnet freight rail's depot personnel on site and shall work only in the area which shall be demarcated by suitable barriers.

28.0 INSURANCE.

28.1 Transnet freight rail will provide insurance cover for the transportation of transformers and the work at the substation.

29.0 PENALTIES.

29.1 The following penalties will apply or part thereof for the delays i.e. R 2000,00 per day.

Contract Data

Site Information

The works shall be performed at **KNOPPIES DISTRIBUTION SUBSTATION.**