

NEC3 Engineering & Construction Contract (ECC3)

Transnet SOC Limited

(REGISTRATION NO.1990/000900/06)

trading as

Transnet Freight Rail

RFP No. SI/PROP13016CIBD

**138 ELOFF STREET: BUILDING
REFURBISHMENT TO IMPLEMENT OFFICE
SPACE OPTIMIZATION**

Issue Date: 22nd April 2014

Closing Date: 27th May 2014

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Tendering procedures

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PART T 1: Tendering Procedures

"PREVIEW COPY ONLY"

Part T1
Tendering procedures

T1
Tender Notice and Invitation to Tender

PART T1: TENDERING PROCEDURES

T1.1 TENDER NOTICE AND INVITATION TO TENDER

RFP No SI/PROP13016CIDB

1. PROPOSAL REQUEST

Responses to this RFP [hereinafter referred to as a **Bid** or a **Proposal**] are requested from persons, companies, close corporations or enterprises [hereinafter referred to as an **entity**, **Respondent** or **Bidder**] for 138 Eloff Street: Refurbishment of office Building-Johannesburg.

Tenderers should have a CIDB contractor grading designation of **8GB or higher**. Potentially emerging enterprises **7GBPE** who satisfy criteria stated in the Tender Data may submit tender offers. Only Tenderers, who are registered with the CIDB are eligible to submit tenders.

On or after **22 April 2014**, the RFP documents may be inspected at, and are obtainable from the office of the Secretariat, Transnet Freight Rail, Tender Advice Centre, Ground Floor, Inyanda House 1, 21 Wellington Road, Parktown, on payment of an amount of R 750-00 [inclusive of VAT] per set. Payment is to be made as follows:

Bank: Standard Bank
Account Number: 203158598
Branch: Braamfontein
Branch code: 004805
Account Name: Transnet Freight Rail
Reference: SI/PROP13016CIDB

NOTES –

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

RFP documents will only be available for collection between 09:00 and 15:00 from 22 April 2014 until 09 May 2014. Therefore payment must be effected prior to the deadline for collection.

N.B: Pursuant to note (b) above, should a third party [such as a courier] be instructed to collect RFP documents on behalf of a Respondent, please ensure that this person [the third party] has a "proof of payment" receipt for presentation to Transnet when collecting the RFP documents.

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

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

Ms. Delisiwe Mngomezulu

Tel No. 011 584 1129

E mail: Delisiwe.Mngomezulu@transnet.net

Or

Mrs. Sarah Assegaai
Tel. No. 011 5840668
E-mail: Sarah.assegaai@transnet.net

2 FORMAL BRIEFING

A compulsory pre-proposal RFP briefing will be conducted at **Room 814 Boardroom, 8th Floor, 138 Eloff Street Building, Braamfontein, Johannesburg** on **Monday, 12th May 2014 starting at 12h00**. (Followed by a compulsory Site Visit at 138 Eloff Street Building). [Respondents to bring PPE clothing].

- A Certificate of Attendance must be completed and submitted with your Proposal as proof of attendance is required for a compulsory site meeting and/or RFP briefing.
- Transnet will not be held responsible if any Bidder who did not attend the non-compulsory session subsequently feels disadvantaged as a result thereof.
- Respondents failing to attend the compulsory RFP briefing will be disqualified.
- Respondents without a valid RFP document in their possession will not be allowed to attend the RFP briefing.
- The briefing session will start punctually at 10am and information will not be repeated for the benefit of Respondents arriving late.

This tender closes punctually at 10:00 hrs on Tuesday, 27th May 2014.

If responses are not delivered as stipulated herein, such responses will not be considered and will be treated as "NON-RESPONSIVE" and will be disqualified.

The responses to this RFP will be opened as soon as practicable after the expiry of the time advertised for receiving them.

Transnet shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Proposals / information received, i.e. pricing, delivery, etc. The names and locations of the Respondents will be divulged to other Respondents upon request.

Envelopes must not contain documents relating to any RFP other than that shown on the envelope.

No slips are to be attached to the response documents. Any additional conditions must be embodied in an accompanying letter. Alterations, additions or deletions should not be made by the Respondent to RFP documents. Any alterations must be initialed by the person who signs the Bid Documents.

Tenders may only be submitted on the tender documentation that is issued. Telegraphic, telephonic, facsimile, email and late tenders will not be accepted.

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 SOC Ltd 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.

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

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

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

3.1 B-BBEE Scorecard and Rating

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

- The 80/20 system for requirements with a Rand value of up to R 1 000 000 (all applicable taxes included); and
- The 90/10 system for requirements with a Rand value above R 1 000 000 (all applicable taxes included).
- Bidders are to note that if the 80/20 preference point system is stipulated in this RFP and all Bids received exceed R1 000 000.00, the RFP must be cancelled. Similarly, if the 90/10 preference point system is stipulated in this RFP and all Bids received are equal to or below R1 000 000.00, the RFP must be cancelled.

The value of this bid is estimated to exceed R 1 000 000 (all applicable taxes included) and therefore the 90/10 system shall be applicable.

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

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

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

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

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

3.2 B-BBEE Joint Ventures or Consortiums

Respondents who would wish to respond to this RFP as a Joint Venture [JV] or consortium with B-BBEE entities, must state their intention to do so in their RFP submission. Such Respondents must also submit a signed JV or consortium agreement between the parties clearly stating the percentage [%] split of business and the associated responsibilities of each party. If such a JV or consortium agreement is unavailable, the partners must submit confirmation in writing of their intention to enter into a JV or consortium agreement should they be awarded business by Transnet through this RFP process. This written confirmation must clearly indicate the percentage [%] split of business and the responsibilities of each party. In such cases, award of business will only take place once a signed copy of a JV or consortium agreement is submitted to Transnet.

Respondents are to note the requirements for B-BBEE compliance of JVs or consortiums as required by the B-BBEE Preference Point Claim Form and submit it together with proof of their B-BBEE Status as stipulated in the Claim Form in order to obtain preference points for their B-BBEE status.

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

3.3 Subcontracting

Transnet fully endorses Government's transformation and empowerment objectives and when contemplating subcontracting Respondents are requested to give preference to companies which are Black Owned, Black Women Owned, Black Youth Owned, owned by Black People with Disabilities, EMEs and QSEs including any companies designated as B-BBEE Facilitators¹.

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

A person awarded a contract may not subcontract more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract.

In terms of the B-BBEE Preference Point Claim Form Respondents are required to indicate the percentage of the contract that will be sub-contracted as well as the B-BBEE status of the sub-contractor/s.

¹ The Minister of the Department of Trade and Industry has the power to designate certain Organs of State or Public Entities as B-BBEE Facilitators. For example, the South African National Military Veterans' Association (SANMVA) has been designated as a B-BBEE Facilitator. As such they will be treated as having rights of ownership held 100% by Black People, 40% by Black Women and 20% by Black designated groups.

4 COMMUNICATION

- 4.1 For specific queries relating to this RFP, an RFP Clarification Request Form should be submitted before **12:00 on 20th May April 2014**, substantially in the form set out in Section 12 hereto. In the interest of fairness and transparency Transnet's response to such a query will then be made available to the other Respondents who have collected RFP documents. For this purpose Transnet will communicate with Respondents using the contact details provided to the Secretariat on issue of the bid documentation to the Respondent. Kindly ensure that you provide the Secretariat with the correct contact details, as Transnet will not accept responsibility for being unable to contact a bidder who provided incorrect contact details.
- 4.2 After the closing date of the RFP, a Respondent may only communicate with the Secretariat of the Transnet Freight Rail Acquisition Council, at telephone no. 011 544 9486 on any matter relating to its RFP Proposal.
- 4.3 Respondents are to note that changes to its submission will not be considered after the closing date.
- 4.4 Respondents are warned that a Proposal will be liable to disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer or employee of Transnet in respect of this RFP between the closing date and the date of the award of the business. Furthermore, Respondents found to be in collusion with one another will be automatically disqualified and restricted from doing business with Transnet in the future.

5 INSTRUCTIONS FOR COMPLETING THE RFP

- 5.1 Proposals must be submitted in duplicate hard copies [1 original and 1 copy] and must be bound.
- 5.2 Sign one set of original documents. This set will serve as the legal and binding copy. A duplicate set of documents is required. This second set must be an exact copy of the original signed Proposal.
- 5.3 Both sets of documents are to be submitted to the address specified in Tender Data.
- 5.4 All returnable documents tabled in the Proposal Form [Part T2] must be returned with your Proposal.
- 5.5 Unless otherwise expressly stated, all Proposals furnished pursuant to this RFP shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated.
- 5.6 Any additional conditions must be embodied in an accompanying letter. Subject only to the following: 'All alterations made by the Respondent to its Bid price(s) prior to the submission of its Bid Documents must be done by deleting the incorrect figures and words where required and by inserting the correct figures and words against the items concerned. All such alterations must be initialled by the person who signs the Bid Documents. Failure to observe this requirement may result in the particular item(s) concerned being excluded in the matter of the award of the business', alterations, additions or deletions must not be made by the Respondent to the actual RFP documents.

6 COMPLIANCE

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

7 DISCLAIMERS

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

- 7.1 Modify the RFP's Services and request Respondents to re-bid on any such changes;
- 7.2 Reject any Proposal which does not conform to instructions and specifications which are detailed herein;
- 7.3 Disqualify Proposals submitted after the stated submission deadline [Closing Date];
- 7.4 Not necessarily accept the lowest priced Proposal or an alternative bid;
- 7.5 Reject all Proposals, if it so decides;
- 7.6 Withdraw the RFP on good cause shown;
- 7.7 Award a contract in connection with this Proposal at any time after the RFP's closing date;
- 7.8 Award a contract for only a portion of the proposed Services which are reflected in the scope of this RFP;
- 7.9 Split the award of the contract between more than one Service Provider; or
- 7.10 Make no award of a contract.

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

Furthermore, Transnet reserves the right to visit the Respondent's place of manufacture and/or workshop and/or office premises during this RFP process.

Transnet reserves the right to undertake post-tender negotiations [PTN] with selected Respondents or any number of short-listed Respondents, such PTN to include, at Transnet's option, any evaluation criteria listed in this RFP document.

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

Transnet reserves the right to lower the threshold for Technical to **60% [Sixty percent]** if no Bidders pass the predetermined minimum threshold in respect of Technical.

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

8 LEGAL REVIEW

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

Transnet 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 2298, 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 is 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 HDIs 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
- Enterprise and Supplier Development
- Regional integration

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

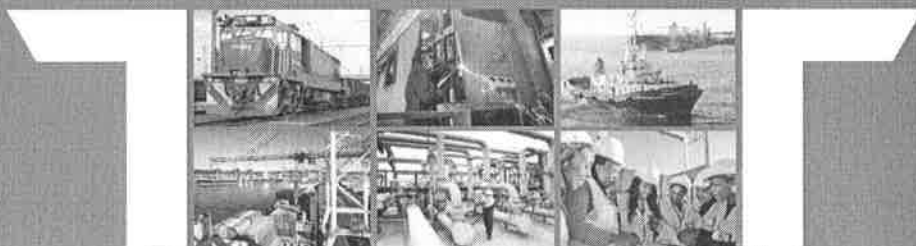
should they be successful with this tender. As part of the proposal, the respondent will need to include a high level CSDP proposal to include localization, sustainability and skills transfer which will be subject to evaluation as per the CSDP evaluation criteria. The successful respondent/Tenderer must submit a more detailed CSDP plan within 45 days of award of contract.

TRANSNET

delivering on our commitment *to you*

Suppliers Code of Conduct

"PREVIEW COPY ONLY"



Suppliers Code of Conduct

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

These are:

- >> Transnet Procurement Policy - A guide for tenderers
- >> Section 217 of the Constitution - the five pillars of Public PSCM (Procurement and Supply Chain Management): fair, equitable, transparent, competitive and cost effective;
- >> The Public Finance Management Act (PFMA);
- >> The Broad Based Black Economic Empowerment Act (BBBEE); and
- >> The Anti-Corruption Act

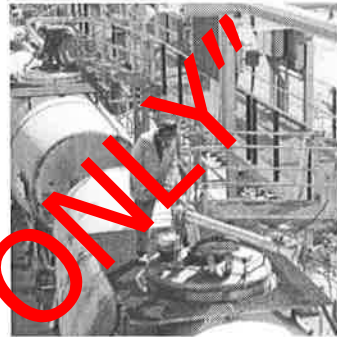
This code of conduct has been compiled to formally apprise Transnet Suppliers of Transnet's expectations regarding behaviour and conduct of its Suppliers.

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

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

Transnet will not participate in corrupt practices. Therefore, it expects its suppliers to act in a similar manner.

- >> Transnet and its employees will follow the laws of this country and keep accurate business records that reflect actual transactions with, and payments to, our suppliers.



- » Employees must not accept or request money or anything of value, directly or indirectly, from suppliers.

Employees may not receive anything that is calculated to:

- Illegally influence their judgement or conduct or to influence the outcome of a sourcing activity;
- Win or retain business or to influence any act or decision of any person involved in sourcing decisions; gain an improper advantage.

- » There may be times when a supplier is confronted with fraudulent or corrupt behaviour of Transnet employees. We expect our suppliers to use our "Go-owns 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

PART T1: TENDERING PROCEDURES

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).

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 SOC Ltd trading as Transnet Freight Rail.

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

Part T1: Tendering procedures

T1.1 Tender notice and invitation to tender

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 Form of offer and acceptance

C1.2 Contract data

C1.3 Forms of Security

C1.4 Adjudicator's Appointment

Part C2: Pricing data

C2.1 Pricing instructions

C2.2 Specific Preliminaries

C2.2 Bill of Materials

Part C3: Scope of work

C3 Scope of work

Part C4: Site information

C4 Site information & Drawings, Insurances

F.1.4 The employer's agent is:

Name : Mr. Johan Basson

Address : 4th Floor, Desk 4/2

: 39 Wolmarans Street

: Braamfontein, 2017

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.2.1.1 Only Tenderers who are registered with the CIDB, or are capable of being so registered within 21 days after the closing of submissions, 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 **GB** class of construction work; and
- b) Contractors registered as potentially emerging enterprises with the CIDB who are registered in one contractor grading designation lower (**7GBPE**) than that required in terms of the above and who satisfy the following criteria:
 - **Has technical qualifications and competence.**
 - **Has managerial capacity, reliability and experience.**
 - **Has good reputation.**
 - **Has equipment.**

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 GB 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 **GB** class of construction work.

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

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

Name : Ms. Delisive Mngomezulu

Tel : 011 584 1129

E-mail: Delisive.Mngomezulu@transnet.net

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.

- F.2.13.3 Parts of each 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 delivered by hand, to be deposited in the Transnet Freight Rail Acquisition Council tender box which is located in the foyer on the ground floor, Inyanda house, 21 Wellington Road, Parktown, Johannesburg and addressed as follows:

- i) The Chairperson
Transnet Freight Rail Acquisition Council
Inyanda House
21 Wellington Road
Parktown
Johannesburg
2001

It should also be noted that the above tender box is accessible to the public 24 hours per day, 7 days a week. The measurements of the "tender slot" are 500mm long x 100mm wide, 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, each addressed as above

- ii) If posted, the envelope must be addressed to:

The Chairperson
Transnet Freight Rail Acquisition Council
P O Box 424
Johannesburg
2000

And must be despatched in time for sorting by the Post Office to reach the Post Office Box indicated above, before the closing time of the tender. In the event of the late receipt of a tender, the Tenderer's franking machine impression will not be accepted as proof that the tender was posted in time.

- iii) **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:
(d) Closing Address:

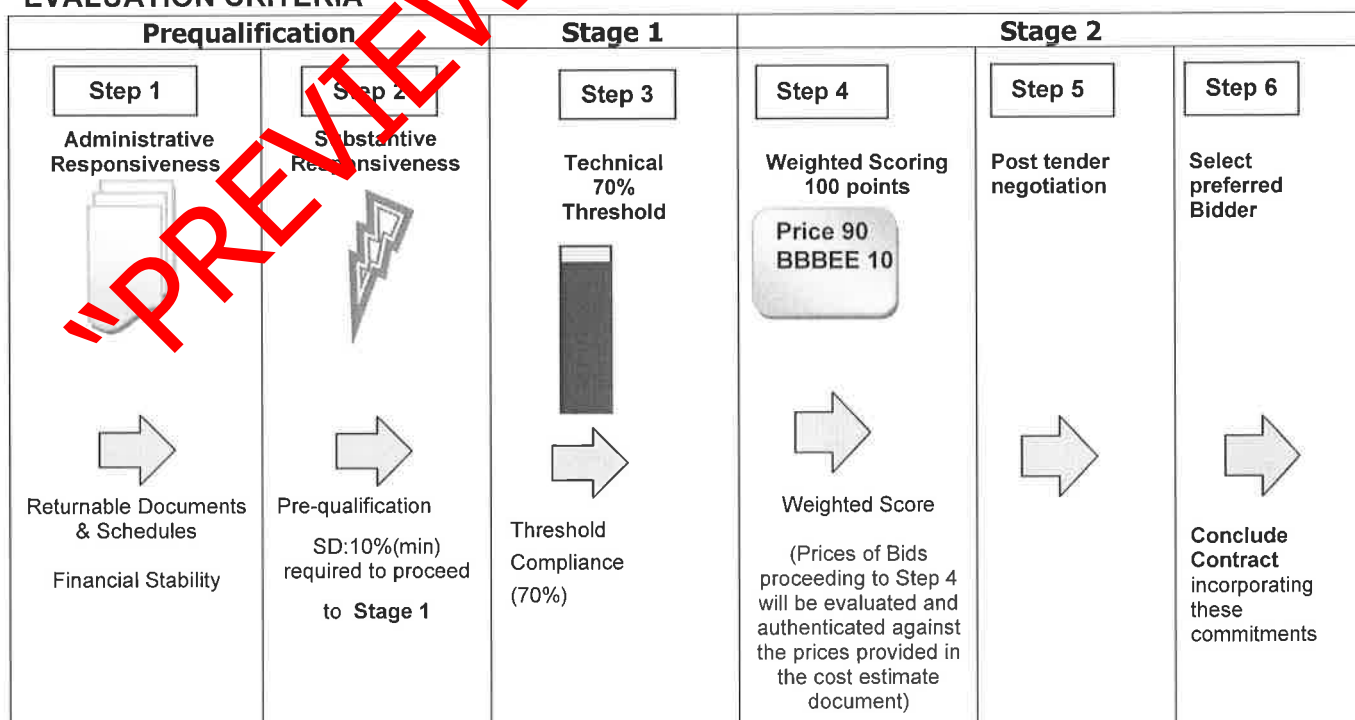
All envelopes must reflect the return address of the Respondent on the reverse side.

- 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, 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 inspections, tests and analysis:
All sites as stated in the Scope of Work (Description of the Work)
- F.2.23 The Tenderer is required to submit the following certificates with his tender:
- 1.) An original valid Tax Clearance Certificate issued by the South African Revenue Services. **Failure to provide this document with the tender submission will result in disqualification.**
 - 2) BBBEE evaluation certificate done by an accredited company.
 - 3) Where a Tenderer satisfies CIDB contractor grading designation requirements through joint venture formation, such Tenderers must submit the Certificates of Contractor Registration in respect of each partner
- F.3.4 The time and location for opening of the tender offers are:
Time 10:15 on the closing date of tender.
Location: TableG66 & 69, West Wing, Ground Floor, Inyanda House, 21 Wellington Road, Parktown, Johannesburg

F.3.11.1 The procedure for the evaluation of responsive tenders is **Method 2.**

EVALUATION CRITERIA



Pre-Qualification

- Step 1:** Administrative Responsiveness: All Returnable Documents/Schedules provided: Mandatory and Essential. (Mandatory: Valid CIDB Certificate; Completed Bill of Quantities; Completed Form of Offer)
- Step 2:** Substantive Responsiveness: All Mandatory documents complete and correct and acceptable response to any clarification on Essential documentation.
Bidders need to provide a SD commitment of atleast 10% and above. Bidders failing to accept this undertaking will be excluded from the bid process-Mandatory document
- **Completed and Signed Form of Offer and Acceptance**
 - **Completed Bill of Quantities**
 - **All SD Documents**

Stage 1:

- Step 3:** Test minimum threshold of 70% for Technical (Quality) Criteria:
(Points are NOT carried over to Stage 2)

TECHNICAL DESCRIPTION	WEIGHT	SUB WEIGHTS
CATEGORY: TECHNICAL / PRACTICAL (SCORING MATRIX)	100%	
<ul style="list-style-type: none"> • Approach paper which responds to the scope of works and outlines proposed methodology and work plan complete with time frames. <ul style="list-style-type: none"> ➢ Technical approach (Method Statement) ➢ Work plan with time frames(schedule) (Gantt Chart / Level 2 Program) 		40%
<ul style="list-style-type: none"> • Organization and Staffing (Organogram indicating positions relevant to the project and Curriculum Vitae including certified qualifications) 		20%
<ul style="list-style-type: none"> • Comparable projects (References / Track Record) 		20%
<ul style="list-style-type: none"> • Health and Safety Compliance (Part T2.2 TFR Tender Safety clauses and Questionnaire of tender document) 		10%
<ul style="list-style-type: none"> • Comprehensive Environmental Management Plan / Risk Register/ Business Continuity Plan 		10%
TOTAL		100%

Min threshold for (Stage 1, Step 3) must be met to progress to Stage 2 for final evaluation.

Transnet reserves the right to lower the threshold for Technical to 60% [Sixty percent] if no Bidders pass the predetermined minimum threshold. This right will be exercised in Transnet's sole discretion.

EVALUATION SCORING SCALE.

TECHNICAL: 5 point scoring matrix:

The technical criteria to be evaluated on the following

Detrimental response solution	=20
Less than acceptable	=40
Acceptable response	=60
Above acceptable	=80
Excellent	=100

Stage 2:

Step 4: Financial offer and Preference

(Prices of Bids proceeding to Step 4 will be evaluated and authenticated against the prices provided in the cost estimate document)

The procedure for the evaluation of responsive tenders is Method 2

The score for financial offer is calculated using Formula 2 (option 1) of SANS 294,

Score the financial offers of remaining responsive offers using the following formula:

$$N_{Fo} = W_1 \times A$$

Where: N_{Fo} is the number of tender evaluation points awarded for the financial offer.

W_1 is the maximum possible number of tender evaluation points awarded for the financial offer as stated in the Tender Data.

A is a number calculated using the formula and option described in Table F.1 as below.

Table F.1: Formula for calculating the value of A

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	$A = (1 - \frac{(P - P_m)}{P_m})$	$A = P_m / P$
P_m is the comparative offer of the most favourable tender offer.		P is the comparative offer of tender offer under consideration.	

Up to 100 minus T_{EV} tender evaluation points will be awarded to Tenderers for SD.

Description of quality criteria and sub criteria			Max no of points
Commercial	Competitive Pricing	100	90
BBBEE	Points scored	100	10
Total evaluation points			100

F.3.13.1 Tender offers will only be accepted if:

- The Tenderer has completed and returned all **returnable documents and schedules**.
- 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.
- The Tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation;

- d) 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.
- e) 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
- f) Has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the Tenderers ability to perform the contract in the best interests of the employer or potentially compromise the tender process.

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

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 rates and prices stated in the priced Price List 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 Notwithstanding what is stated in Pricing Data, Tenderers are required to tender for **all** the areas quoted in the Bill of Quantities.
- 3 **NO PRICING is to be reflected / listed in any tender document other than in the Form of Offer and Bill of Quantities / Price List**
- 4 Transnet Freight Rail may conclude one or more contracts as a result of this tender.
- 5 The tenders shall be completed in black ink only.
- 6 Tenderers are advised that it is compulsory to submit offers for all Tender Options as set out below and where indicated by a tick.

Option 1 – Subject To Escalation Price Offer

X

~~Tenderers are advised that this offer shall be subject to Contract Price Adjustment Formulae based on the Haylett Formulae.~~

Option 2 – Fixed Price Offer

✓

Tenderers are advised that all rates, amounts, overhead and profit percentage mark-ups and amounts, profit and attendance amounts, prices, etc. submitted, shall **not be subject to any form of Contract Price Adjustment Formulae e.g. Haylett Formulae**. In this regard, it is deemed that the Tenderer has allowed for any potential increases (except any variation in the rate of Value Added Tax) in cost of labour, materials, transport, etc. in the Tender amounts, rates, etc. submitted.

This will only be applicable to the measured work priced by the main contractor and will not apply to the provisional sums or budgetary allowances.

Key: ✓ - Tender Option Applicable
 X - Not Required For This Tender

6 Market Related Wage Rates

When pricing this document, respondents are to allow for wages, which are not less than the lesser of:

- The statutory wage rates in any labour category in the project locality; and,
- The SAFCEC recommended minimum rates applicable at any time during the duration of the contract.

In this regard, a Tenderer may be called upon to demonstrate the wage rates utilised in calculating its Tender prices, etc.

The employer reserves the right to reject responses to the Tender that do not comply with this condition.

7 Letter of Intent

For contracts with an anticipated value for R500 000.00 and above, Tenderers are required to furnish with their tender documents, a letter of intent from a Bank or approved Insurance Company, to indicate that in the event of their tender being successful that a performance bond as required will be provided when asked to do so.

8 Change in the Scope of Work

Tenderers are advised that whilst preliminary space planning drawings have been prepared for this project and an estimated project value has been provided, the scope of work and value of the contract may be substantially altered. In this regard, Tenderers are advised that no claims for loss and expense shall be entertained for the employer implementing any changes that may become necessary. It shall be deemed that the Tenderer has allowed for any costs that may arise due to compliance with this clause in the Tender amounts offered.

9 Interviews

All Tenderers are advised that they may be required to attend interviews and / or submit further information; including making their premises, plant, equipment and details of works in progress, available for inspection after the receipt of all Tender submissions.

10 Indicative Programme

Tenderers are advised that should an indicative programme be included in the set of Tender documents it is not intended to be prescriptive. It should be used as a guide only.

Part T2: Returnable documents

"PREVIEW COPY ONLY"

PART T2: RETURNABLE DOCUMENTS

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. Returnable Schedules required for tender evaluation purposes

No.	ESSENTIAL RETURNABLE DOCUMENTS AND SCHEDULES (All are to be submitted)
1	Certificate of Attendance at Clarification Meeting
2	Schedule of Tenderer's Experience
3	Schedule of Subcontractors
4	Schedule of Plant and Equipment
5	Labour payment schedule
6	Record of Addenda to Tender Documents
7	Compulsory Enterprise Questionnaire
8	Curriculum vitae of key personnel
9	Proposed amendments and qualification
10	Certificate of authority for joint ventures (where applicable)
11	Supplier Declaration Form V7.4
12	RFP Declaration Form
13	Supplier Code of Conduct Declaration
14	Bond - Retention Percentage Choice
15	SD Documents <ul style="list-style-type: none"> • B-BBEE Preference Points Claim Form • Supplier Development Initiatives-Guidelines • Declaration of supplier development commitments • BBBEE Improvement Plan • SD Value Summary • Appendix (iv) Supplier Development Guidelines document
16	Contractual Safety Clauses and Questionnaire (Questionnaire attached)
17	Comprehensive Environmental Management Plan, Risk Register and Business Continuity Plan. Risk register to cover identified risks associated with this project and accompanying risk mitigation measures (Questionnaire attached)

2. Other documents required for tender evaluation purposes

No.	ESSENTIAL RETURNABLE DOCUMENTS AND SCHEDULES (All to be submitted)
1	Certificate of Authority for Signatory (Resolution by Board)
2	Letter of Good Standing with the Compensation Commissioner
3	Form of Intent to provide performance bond
4	Quality Assurance Plan
5	Approach paper and work plan (Program and Method statements)
6	Proposed organisation and staffing
7	Certified Copy of Financial Statements (for the past 3 years) including Balance sheets
8	Certified Copy of Share Certificates CK1 & CK2
9	Certified Copy of Certificate of Incorporation and CM29 and CM9
10	Certified Copies of Identity Documents of Shareholders/Directors/Members
11	Cancelled Cheque
12	Original current Tax Clearance Certificate (Certified if it's a copy)
13	Original VAT Registration Certificate
14	BBBEE evaluation Certificate
15	CIDB Registration Certificate
16	Safety Plan and Fall protection plan in accordance with the Construction Regulations of 2003 and Transnet's E4E
17	Provide TFR with your Supplier Development (SD) / Enterprise Development (ED) strategy providing details of job retention and creation. As part of the proposal, include a high level SD/ED proposal which will be subject to evaluation as per the ED evaluation criteria

3 MANDATORY RETURNABLE DOCUMENTS

Will be incorporated into the Contract

3.1 SD Documents

- Declaration of supplier development commitments
- BBBEE Improvement Plan
- Supplier Development Plan
- SD Value Summary

3.2 C1.1 Form of Offer and Acceptance

3.3 C1.2 Contract Data (Part 1 and 2)

3.4 C2.3 Bill of Quantities

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Certificate of Attendance at Clarification Meeting

This is to certify that

_____ (Tenderer)

of _____ (address)

_____ was represented by the person(s) named below at the compulsory 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 Company representative(s) attending the clarification meeting:

Name: _____ Signature _____

Capacity: _____

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

Name: _____ Signature _____

Capacity: _____ Date and time _____

Particulars of Company representative(s) attending the 138 Eloff Street – Refurbishment of office building site meeting:

Name: _____ Signature _____

Capacity: _____

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

Name: _____ Signature _____

Capacity: _____ Date and time _____

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.

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

Signed

Date

Name

Position

Tenderer

Schedule of Plant and Equipment

The following are lists of major items of relevant 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 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 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

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

LABOUR PAYMENT SCHEDULE

TENDERERS ARE REQUIRED TO COMPLETE THE FOLLOWING SCHEDULE:

DAY LABOUR (IF REQUIRED)

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

TRANSPORT AND MACHINERY

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:

RUNNING

R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr

STANDING

R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr
R _____ /hr

8. Full details of any other charges:

TENDERER: _____

DATE: _____

Record of Addenda to Tender Documents

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:		
	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
9.		
10.		

Attach additional pages if more space is required.

"PREVIEW COPY ONLY"

Signed _____ Date _____
Name _____ Position _____
Tenderer _____

Compulsory Enterprise Questionnaire

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

Section 1: Name of enterprise:

Section 2: VAT registration number, if any:

Section 3: CIDB registration number, if any:

Section 4: Particulars of sole proprietors and partners in partnerships

Name*	Identity number*	Personal income tax number*

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

Section 5: Particulars of companies and close corporations

Company registration number

Close corporation number

Tax reference number

Section 6: Record in the service of the state

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

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

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

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 authorised to do so on behalf of the enterprise:

- authorizes the Employer to obtain a tax clearance certificate from the South African Revenue Services that my / our tax matters are in order;
- 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;
- 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;
- confirms that 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
- 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

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)	
A. 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.	
_____ <i>[Signature of person named in schedule]</i>	_____ Date

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

"PREVIEW COPY ONLY"

Signed

Date

Name

Position

Tenderer

Certificate of Authority for Joint Ventures

This Returnable Schedule is to be completed by joint venture.

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	FULLY AUTHORISED SIGNATURE
Lead partner		Signature..... Name..... Designation
		Signature..... Name..... Designation
		Signature..... Name..... Designation



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). In 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	>R0.3m <R1m	>R1m <R5m	>R6m <R10m	>R11m <R15m	>R16m <R25m	>R26m <R30m	>R31m <R34m	>R35m

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	GENDER	DATE OF OWNERSHIP	% OWNED	% VOTING

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 Database for 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	TYI OF

Internal Transnet Departmental Questionnaire (for office use only)

Section 1: To be completed by the Transnet Requesting / Sourcing Department

TFR		TRE		TPT		TPL		T/PA		TRN	
Create		Amend		Block		Unblock		Once-Off / Emergency			
Extend		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

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

"PREVIEW COPY ONLY"

RFP DECLARATION FORM

RFP for 138 Eloff Street – Refurbishment of office building

NAME OF COMPANY: _____

We _____ do hereby certify that:

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

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

ADDRESS:

Indicate nature of relationship with Transnet:

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

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

SIGNED at _____ on this _____ day of _____ 20____

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

IMPORTANT NOTICE TO RESPONDENTS

- Transnet has appointed a Procurement Ombudsman to investigate any material complaint in respect of RFP's exceeding R 5,000,000.00 (five million S.A. Rands) in value. Should a Respondent have any material concern regarding an RFP process which meets this value threshold, a complaint may be lodged with Transnet's Procurement Ombudsman for further investigation.
- It is incumbent on the Respondent to familiarise himself/herself with the Terms of Reference for the Transnet Procurement Ombudsman, details of which are available for review at Transnet's website www.transnet.net.
- An official complaint form may be downloaded from this website and submitted, together with any supporting documentation, within the prescribed period, to procurement.ombud@transnet.net
- For transactions below the R 5,000,000.00 (five million S.A. Rand) threshold, a complaint may be lodged with the Chief Procurement Officer of the relevant Transnet Operating Division.
- All Respondents should note that a complaint must be made in good faith. If a complaint is made in bad faith, Transnet reserves the right to place such a bidder on its List of Excluded Bidders.

Supplier Code of Conduct Declaration

I, _____ (insert name of Director or as per Authority Resolution from Board of Directors)

of _____ (insert name of Company)

hereby acknowledge having read, understood and agree to the terms and conditions set out in "Transnet Supplier Code of Conduct."

Signed this on day _____ at _____

Signature

"PREVIEW COPY ONLY"

BOND - RETENTION PERCENTAGE CHOICE

The amount of the Guarantee (Performance Bond / Surety) is to be calculated as **10% or 5%** of the tender price. The Contractor has the option of providing the guarantee of 10% and having retention money of 5% withheld or vice versa

I agree on the following arrangement regarding the above:

1) Guarantee / Bond / Surety: _____ %

2) Retention: _____ %

Signed
(Tenderer)

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B-BBEE PREFERENCE POINTS CLAIM FORM

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

1. INTRODUCTION

- 1.1 A total of **10** preference points shall be awarded for B-BBEE Status Level of Contribution.
- 1.2 Failure on the part of a Bidder to fill in and/or to sign this form and submit a B-BBEE Verification Certificate from a Verification Agency accredited by the South African Accreditation System [SANAS] or a Registered Auditor approved by the Independent Regulatory Board of Auditors [IRBA] or an Accounting Officer as contemplated in the Close Corporation Act [CCA] together with the bid will be interpreted to mean that preference points for B-BBEE Status Level of Contribution are not claimed.
- 1.3 Transnet reserves the right to require of a Bidder, either before a Bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by Transnet.

2. GENERAL DEFINITIONS

- 2.1 **"all applicable taxes"** include value-added tax, pay as you earn, income tax, unemployment insurance fund contributions and skills development levies;
- 2.2 **"B-BBEE"** means broad-based black economic empowerment as defined in section 1 of the Broad-Based Black Economic Empowerment Act;
- 2.3 **"B-BBEE status of contributor"** means the B-BBEE status received by a measured entity based on its overall performance using the relevant scorecard contained in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Economic Empowerment Act;
- 2.4 **"Bid"** means a written offer in a prescribed or stipulated form in response to an invitation by Transnet for the provision of goods, works or services;
- 2.5 **"Broad-Based Black Economic Empowerment Act"** means the Broad-Based Black Economic Empowerment Act, 2003 [Act No. 53 of 2003];
- 2.6 **"comparative price"** means the price after the factors of a non-firm price and all unconditional discounts that can be utilised have been taken into consideration;
- 2.7 **"consortium or joint venture"** means an association of persons for the purpose of combining their expertise, property, capital, efforts, skills and knowledge in an activity for the execution of a contract;
- 2.8 **"contract"** means the agreement that results from the acceptance of a bid by Transnet;
- 2.9 **"EME"** means any enterprise with an annual total revenue of R5 [five] million or less as per the 2007 version of the B-BBEE Codes of Good Practice and means any enterprise with an annual total revenue of R10 [ten] million or less as per the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928;
- 2.10 **"firm price"** means the price that is only subject to adjustments in accordance with the actual increase or decrease resulting from the change, imposition, or abolition of customs and excise duty and any

other duty, levy, or tax, which, in terms of the law or regulation, is binding on the contractor and demonstrably has an influence on the price of any supplies, or the rendering costs of any service, for the execution of the contract;

- 2.11 **"functionality"** means the measurement according to predetermined norms, as set out in the bid documents, of a service or commodity that is designed to be practical and useful, working or operating, taking into account, among other factors, the quality, reliability, viability and durability of a service and the technical capacity and ability of a bidder;
- 2.12 **"non-firm prices"** means all prices other than "firm" prices;
- 2.13 **"QSE"** means any enterprise with an annual total revenue between R5 [five] million and R35 [thirty five] million as per the 2007 version of the B-BBEE Codes of Good Practice and means any enterprise with an annual total revenue of between R10 [ten] million and R50 [fifty] million as per the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928;
- 2.14 **"person"** includes reference to a juristic person;
- 2.15 **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of bid invitations, and includes all applicable taxes and excise duties;
- 2.16 **"subcontract"** means the primary contractor's assigning or leasing or making out work to, or employing another person to support such primary contractor in the execution of part of a project in terms of the contract;
- 2.17 **"total revenue"** bears the same meaning assigned to this expression in the Codes of Good Practice on Black Economic Empowerment, issued in terms of section 9(1) of the Broad-Based Black Empowerment Act and promulgated in the Government Gazette on 9 February 2007;
- 2.18 **"trust"** means the arrangement through which the property of one person is made over or bequeathed to a trustee to administer such property for the benefit of another person; and
- 2.19 **"trustee"** means any person, including the founder of a trust, to whom property is bequeathed in order for such property to be administered for the benefit of another person.

3. ADJUDICATION USING A POINT SYSTEM

- 3.1 The Bidder obtaining the highest number of total points for the evaluation criteria as enumerated in Section 2 of the RFP will be awarded the contract, unless objective criteria justifies the award to another bidder.
- 3.2 Preference points shall be calculated after prices have been brought to a comparative basis taking into account all factors of non-firm prices and all unconditional discounts.
- 3.3 Points scored will be rounded off to 2 [two] decimal places.
- 3.4 In the event of equal points scored, the Bid will be awarded to the Bidder scoring the highest number of preference points for B-BBEE.
- 3.5 However, when functionality is part of the evaluation process and two or more Bids have scored equal points including equal preference points for B-BBEE, the successful Bid will be the one scoring the highest score for functionality.
- 3.6 Should two or more Bids be equal in all respect, the award shall be decided by the drawing of lots.

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

- 4.1 In terms of the Preferential Procurement Regulations, 2011, preference points shall be awarded to a Bidder for attaining the B-BBEE status level of contribution in accordance with the table below

B-BBEE Status Level of Contributor	Number of Points [Maximum 10]
1	10
2	9
3	8
4	5
5	4
6	3
7	2
8	1
Non-compliant contributor	0

- 4.2 Bidders who qualify as EMEs in terms of the 2007 version of the Codes of Good Practice must submit a certificate issued by an Accounting Officer as contemplated in the CCA or a Verification Agency accredited by SANAS or a Registered Auditor. Registered auditors do not need to meet the prerequisite for IRBA's approval for the purpose of conducting verification and issuing EME's with B-BBEE Status Level Certificates.
- 4.3 Bidders who qualify as EMEs in terms of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928 are only required to obtain a sworn affidavit on an annual basis confirming that the entity has an Annual Total Revenue of R10 million or less and the entity's Level of Black ownership.
- 4.4 In terms of the 2007 version of the Codes of Good Practice, Bidders other than EMEs must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 4.5 In terms of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928, Bidders who qualify as QSEs are only required to obtain a sworn affidavit on an annual basis confirming that the entity has an Annual Total Revenue of R50 million or less and the entity's Level of Black ownership. Large enterprises must submit their original and valid B-BBEE status level verification certificate or a certified copy thereof, substantiating their B-BBEE rating issued by a Registered Auditor approved by IRBA or a Verification Agency accredited by SANAS.
- 4.6 A trust, consortium or joint venture will qualify for points for its B-BBEE status level as a legal entity, provided that the entity submits its B-BBEE status level certificate.
- 4.7 A trust, consortium or joint venture will qualify for points for their B-BBEE status level as an unincorporated entity, provided that the entity submits their consolidated B-BBEE scorecard as if they were a group structure and that such a consolidated B-BBEE scorecard is prepared for every separate bid.

- 4.8 Tertiary institutions and public entities will be required to submit their B-BBEE status level certificates in terms of the specialised scorecard contained in the B-BBEE Codes of Good Practice.
- 4.9 A person will not be awarded points for B-BBEE status level if it is indicated in the Bid documents that such a Bidder intends subcontracting more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not qualify for at least the same number of points that such a Bidder qualifies for, unless the intended subcontractor is an EME that has the capability and ability to execute the subcontract.
- 4.10 A person awarded a contract may not subcontract more than 25% [twenty-five per cent] of the value of the contract to any other enterprise that does not have an equal or higher B-BBEE status level than the person concerned, unless the contract is subcontracted to an EME that has the capability and ability to execute the subcontract.
- 4.11 Bidders are to note that in terms of paragraph 2.6 of Statement 000 of the Revised Codes of Good Practice issued on 11 October 2013 in terms of Government Gazette No. 36928, any representation made by an entity about its B-BBEE compliance must be supported by suitable evidence or documentation. As such, Transnet reserves the right to request such evidence or documentation from Bidders in order to verify any B-BBEE recognition claimed.

5. B-BBEE STATUS AND SUBCONTRACTING

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

B-BBEE Status Level of Contributor _____ = _____ [maximum of 10 points]

Note: Points claimed in respect of this paragraph 5.1 must be in accordance with the table reflected in paragraph 4.1 above and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or sworn affidavit in the case of an EME or QSE.

- 5.2 **Subcontracting:**

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

If YES, indicate:

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

5.3 Declaration with regard to Company/Firm

- (i) Name of Company/Firm.....
- (ii) VAT registration number.....
- (iii) Company registration number.....
- (iv) Type of Company / Firm
☐ Partnership/Joint Venture/Consortium
☐ One person business/sole propriety
☐ Close Corporations
☐ Company (Pty) Ltd
[TICK APPLICABLE BOX]
- (v) Describe Principal Business Activities
.....
.....
.....
.....
- (vi) Company Classification
☐ Manufacturer
☐ Supplier
☐ Professional Service Provider
☐ Other Service Providers, e.g Transporter, etc
[TICK APPLICABLE BOX]
- (vii) Total number of years the company/firm has been in business.....

BID DECLARATION

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

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

WITNESSES:

1.
2.

SIGNATURE OF BIDDER

DATE:

COMPANY NAME:

ADDRESS:.....
.....

SIGNATURE OF WITNESS

SIGNATURE OF RESPONDENT

SUPPLIER DEVELOPMENT INITIATIVES

1.1 Aim and Objectives

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

The key focuses of the NGP include:

- increasing employment intensity of the economy
- addressing competitiveness
- balancing spatial development of rural areas and poorer provinces
- reducing the carbon intensity of the economy
- creating opportunities in improving regional and global cooperation
- enabling transformation that benefits a wide range of social actors in society e.g. workers, rural communities, youth and women

Transnet, as a State Owned Company [SOC], plays an important role to ensure these objectives are achieved. Therefore, the purchasing of goods and services needs to be aligned to Government's objectives for developing and transforming the local supply base. Transnet's mission is to transform its supplier base by engaging in targeted supplier development initiatives to support localisation and industrialisation whilst providing meaningful opportunities for Black¹ South Africans with a particular emphasis on:

- Youth [16 to 35 year olds]
- Black women
- People with disabilities
- Small businesses
- Rural integration

1.2 Supplier Development [SD]

To facilitate the implementation of Supplier Development initiatives, Transnet has adapted an existing framework from the Department of Public Enterprises [DPE]. This framework allows for a basic set of principles to be applied to appropriately targeted SD initiatives. Supplier development initiatives aim to build local Service Providers who are competitive through building capability and capacity. Hence the framework has been termed the Increased Competitiveness, Capability and Capacity Supplier Development Classification Matrix [IC³ Matrix]. Currently there are four quadrants of SD initiatives which Transnet considers according to the IC³ Matrix. This RFP has been identified as strategic, involving high commercial leverage and high value.

¹ "Black" means South African Blacks, Coloureds and Indians, as defined in the B-BBEE Act, 53 of 2003

As a prequalification criterion to participate in this bid, Respondents are required to provide a commitment that the monetary value of all SD initiatives to be undertaken by them will not be less than 10% [ten percent] of the contract value.

Accordingly, Respondents are required to provide a commitment of the Supplier Development initiative they will undertake during the contract period in the **Supplier Development Value Summary**. In addition, Transnet requires that all Respondents submit a **Supplier Development Plan** demonstrating how they will discharge their commitments made in the Supplier Development Value Summary. The contract which will be concluded with the successful bidder will incorporate the SD undertakings made in the abovementioned documents as a term of the contract.

- a) For a detailed understanding of the IC³ Matrix, the respective SD initiatives and their objectives, please refer to the "Supplier Development Guidelines" appended hereto as **Appendix (iv)**. This document must be used as a guideline to complete the SD Plan.
- b) The following Supplier Development [SD] focus areas have been identified, namely:

Category	Description
Job Creation/Preservation	Number of jobs created or preserved resulting from the award of contract
Enterprise and Supplier Development	Encouragement for growth and the expansion of emerging local firms, through procurement and support mechanisms
Rural Integration and Regional Development	Incorporation of the use of rural labour and regional businesses which will contribute to NGP objectives

- c) The **Supplier Development Plan** is to be submitted as a separate document, developed in line with the criteria set out in the **Supplier Development Value Summary**. The Supplier Development Plan is a detailed narrative document explaining the Respondent's Bid value as summarised in the Supplier Development Value Summary. The SD Plan should outline the type of activities you intend to embark upon should you be awarded the contract. This SD Plan should also provide an overview of what you intend to achieve, when, and the mechanisms whereby you will achieve those objectives. The SD Value Summary and SD Plan will represent a binding commitment on the part of the successful Respondent.

Annexure **A** must be completed, indicating by cross-reference the detailed areas which have been addressed in your SD Plan for each of the evaluation criteria listed in paragraph 1.2 (b) above, together with the Value Indicators therefor.

Notes for completion of the SD Plan:

- (i) Respondents are required to address each of the aspects under the detailed SD Description as a minimum for submission. This is not an exhaustive list however, and Respondents must not be limited to these choices when compiling each section.
- (ii) Please provide detailed calculations to illustrate how your estimated Rand values have been derived.
- (iii) Respondents are required to provide an electronic copy [CD] of the completed SD documentations as part of the SD Plan submission.

1.3 Additional contractual requirements

Should a contract be awarded through this RFP process, the successful Respondent(s) [hereinafter referred to as **the Service Provider**] will be contractually committed, *inter alia*, to the following conditions:

- a) The Service Provider will be required to submit a **Supplier Development Implementation Plan** within 45 [forty-five] days from the signature date of a Letter of Intent [**LOI**]. This Implementation Plan represents additional detail in relation to the SD Plan providing an explicit breakdown of the nature, extent, timelines and monetary value of the SD commitments which the Service Provider proposes to undertake and deliver during the term of the contract. Specific milestones, timelines and targets will be recorded to ensure that the Implementation Plan is in line with Transnet's SD objectives and that implementation thereof is completed within the term of the contract.
- b) The Implementation Plan may require certain additions or updates to the initial SD Plan in order to ensure that Transnet is satisfied that development objectives will be met.
- c) The Service Provider will need to ensure that the relevant mechanisms and procedures are in place to allow for access to information to measure and verify the Service Provider's compliance with its stated SD commitments.
- d) The Service Provider will be required to provide:
 - (i) monthly status updates to Transnet for each SD initiative. [Detailed requirements will be provided by Transnet];
 - (ii) quarterly status reports for Transnet and the DPE. [Detailed reporting requirements will be provided by Transnet]; and
 - (iii) a final Supplier Development report, to be submitted to Transnet prior to the expiry date of the contract, detailing delivery, implementation and completion of all SD components plus auditable confirmation of the Rand value contribution associated with each such SD commitment.
- e) All information provided by the Service Provider in order to measure its progress against its stated targets will be auditable.
- f) The Service Provider will be required to submit this Implementation Plan to Transnet in writing, within 45 [forty-five] days after signature of a Letter of Intent [**LOI**], where after both parties must reach an agreement [signed by both parties] within 20 [twenty] days. Transnet will reserve the right to reduce or increase the number of days in which the Service Provider must submit its Implementation Plan if it is deemed reasonable, based on the degree of complexity of the SD initiative.
- g) The contract will be conditional on agreement being reached by the parties on the Implementation Plan submitted by the Service Provider. Therefore failure to submit or thereafter to agree to the Implementation Plan within the stipulated timelines will result in the non-award of such a contract or termination thereof.
- h) Failure to adhere to the milestones and targets defined in an Implementation Plan may result in the invocation of financial penalties, to be determined at Transnet's discretion, as well as providing Transnet cause to terminate the contract in certain cases where material milestones are not being achieved.

1.4 Supplier Development Returnable Documents

Attached herewith is the following documentation:

- **Declaration of Supplier Development Commitments – [mandatory]**
- **SD Plan –[essential]**
- **SD Value Summary –[mandatory]**

Respondents are to note whether the abovementioned documents are listed as mandatory or essential returnable documents in Part T2: of the Returnable Documents to this RFP as failure to submit, or to submit an incomplete mandatory returnable document will result in disqualification of your Proposal. Failure to submit an essential returnable document may result in disqualification of your Proposal.

"PREVIEW COPY ONLY"

DECLARATION OF SUPPLIER DEVELOPMENT COMMITMENTS

I/We _____

hereby **agree/do not agree** to commit that not less than **10%** of the contract value will be spent cumulatively on Supplier Development Initiatives. This pre-qualification criterion must be discharged against the following Supplier Development categories as outlined in the Supplier Development Value Summary [Annexure A]:

- Job Preservation
- Enterprise and Supplier Development
- Rural / regional integration

I/We do hereby certify that the Supplier Development commitments made in relation to this RFP are solely in relation to this transaction and are not duplicated in relation to any other contracts that I/we have secured with any other organ of state including other State Owned Companies.

Furthermore, I/we do hereby declare that this undertaking also applies to any other contracts that I may have secured with Transnet including other Transnet Operating Divisions/Specialist Units. For the purposes of verification of this undertaking, the following is a list of contracts with Supplier Development commitments that I/we have secured with Transnet:

SIGNED at _____ on this _____ day of _____ 20____

SIGNATURE OF WITNESS

SIGNATURE OF RESPONDENT

Respondent's Signature

Date & Company Stamp

Tender
Part T2: Returnable documents

T2.2
Returnable Schedules



B-BBEE IMPROVEMENT PLAN

Transnet encourages its Service Providers to constantly strive to improve their B-BBEE rating and requests that Respondents submit a B-BBEE improvement plan. Respondents are therefore requested to indicate whether they will maintain or improve their BBEE status over the contract period..

Additional contractual requirements

Should a contract be awarded through this RFP process, the successful Respondent(s) may be contractually committed, *inter alia*, to the following conditions:

- a) The original B-BBEE Improvement Plan may require certain additions or updates in order to ensure that Transnet is satisfied that developmental objectives will be met.
- b) The Service Provider will need to ensure that the relevant mechanisms and procedures are in place to allow Transnet access to information to measure and verify the Service Provider's compliance with its stated B-BBEE Improvement commitments.
- c) The Service Provider will be required to provide:
 - (i) quarterly status reports for Transnet and
 - (ii) a final B-BBEE Improvement Plan report, to be submitted to Transnet prior to the expiry date of the contract, detailing delivery, implementation and completion of all B-BBEE Improvement components.
- d) All information provided by the Service Provider in order to measure its progress against its stated targets will be auditable.

Respondents are requested to submit their B-BBEE Improvement Plan as an additional document with their Proposals by completion of **Annexure B** appended hereto. [Refer **Annexure B** for further instructions]

Respondent's Signature

Date & Company Stamp

ANNEXURE B: B-BBEE IMPROVEMENT PLAN

Transnet encourages its Suppliers/Service Providers to constantly strive to improve their B-BBEE rating. Whereas Respondents will be allocated points in terms of a preference point system based on its B-BBEE scorecard, in addition to such scoring, Transnet also requests that Respondents submit a B-BBEE improvement plan. Respondents are therefore requested to indicate the extent to which their ownership, management control, Supplier Development, Preferential Procurement and Enterprise Development will be maintained or improved over the contract period.

Respondents are requested to submit their B-BBEE Improvement Plan as an additional document with their Proposals.

Respondents are to insert their current status (%) and future targets (%) for the B-BBEE Improvement Plan [i.e. not the % change but the end-state quantum expressed as a percentage] in the table below. This will indicate how you intend to sustain or improve your B-BBEE rating over the contract period. On agreement, this will represent a binding commitment to the successful Respondent.

Transnet reserves the right to request supporting evidence to substantiate the commitments made in the B-BBEE Improvement Plan.

OWNERSHIP INDICATOR	Required Responses	Current Status (%)	Future Target (%)
1. The percentage of the business owned by Black ¹ persons.	<i>Provide a commitment based on the extent to which ownership in the hands of Black persons as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
2. The percentage of your business owned by Black women.	<i>Provide a commitment based on the extent to which ownership in the hands of Black women as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
3. The percentage of the business owned by Black youth ²	<i>Provide a commitment based on the extent to which ownership in the hands of Black youth as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
4. The percentage of the business owned by Black persons living with disabilities	<i>Provide a commitment based on the extent to which ownership in the hands of Black disabled persons as a percentage of total ownership of the organisation would be sustained or increased over the contract period.</i>		
5. New Entrants ³ (Early stage business)	<i>Provide a commitment based on the extent to which new entrants will be supported over the contract period.</i>		

1 "Black" means South African Blacks, Coloureds and Indians, as defined in the B-BBEE Act, 53 of 2003

2 "Black youth" means Black persons from the age of 16 to 35

3 "New Entrants" means an early stage business which is similar to a start-up. However, an early stage business is typically 3 years old or less.

MANAGEMENT CONTROL INDICATOR	Required Responses	Current Status (%)	Future Targets (%)
6. The percentage of Black Board members in relation to the total number of Board members	<i>Provide a commitment based on the extent to which the number of Black Board members, as a percentage of the total Board, would be sustained or increased over the contract period.</i>		
7. The percentage of Black female Board members in relation to the total number of Board members	<i>Provide a commitment based on the extent to which the number of Black female Board members, as a percentage of the total Board, would be sustained or increased over the contract period.</i>		
8. Black Executives directors as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black executive Directors as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
9. Black female Executives directors as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black female executive Directors as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
Other Executive Management	Required Response	Current Status (%)	Future Targets (%)
10. Black Executive Management as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black executive Managers as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
11. Black Female Executive Management as a percentage of all executive directors	<i>Provide a commitment based on the extent to which the number of Black female executive Managers as a percentage of all Executive Directors would be sustained or increased over the contract period.</i>		
Senior Management	Required Response	Current Status (%)	Future Targets (%)
12. Black employees in Senior Management as a percentage of all senior management	<i>Provide the percentage of Blacks that would be appointed or retained by the Board and would be operationally involved in the day to day senior management of the business, with individual responsibility for overall and/or financial management of the business and actively involved in the development and implementation of overall strategy, over the contract period.</i>		
13. Black female employees in Senior Management as a percentage of all senior management	<i>Provide the percentage of Black females that would be appointed or retained by the Board and would be operationally involved in the day to day senior management of the business, with individual responsibility for overall and/or financial management of the business and actively involved in the development and implementation of</i>		

	overall strategy, over the contract period.		
Middle Management	Required Response	Current Status (%)	Future Targets (%)
14. Black employees in Middle Management as a percentage of all middle management	<i>Provide the percentage of Blacks that would be retained or appointed by the organisation in the middle management cadre and would be operationally involved in the day to day management of the business, with individual responsibility for a particular area within the business and actively involved in the day to day management of the organisation, over the contract period.</i>		
15. Black female employees in Middle Management as a percentage of all middle management	<i>Provide the percentage of Blacks females that would be retained or appointed by the organisation in the middle management cadre and would be operationally involved in the day to day management of the business, with individual responsibility for a particular area within the business and actively involved in the day to day management of the organisation, over the contract period.</i>		
Junior Management	Required Response	Current Status (%)	Future Targets (%)
16. Black employees in Junior management as a percentage of all junior management	<i>Provide a commitment based on the extent to which the number of Black Junior Managers as a percentage of the total Junior Managers, would be sustained or increased over the contract period.</i>		
17. Black female employees in Junior management as a percentage of all junior management	<i>Provide a commitment based on the extent to which the number of Black female Junior Managers as a percentage of the total junior Managers, would be sustained or increased over the contract period.</i>		
Employees with disabilities	Required Response	Current Status (%)	Future Targets (%)
18. Black employees with disabilities as a percentage of all employees	<i>Provide a commitment based on the extent to which the percentage of Black disabled employees, in relation to the total of all employees in the organisation, would be sustained or increased over the contract period.</i>		
PREFERENTIAL PROCUREMENT INDICATOR	Required Responses	Current Status (%)	Future Targets (%)
19. B-BBEE procurement spend from all Empowering Suppliers ⁴ based on the B-	<i>Provide a commitment based on the extent to which B-BBEE spend from all Empowering Suppliers would be sustained</i>		

⁴ "Empowering Suppliers" means a B-BBEE compliant entity, which should meet at least three of the following criteria if it is a Large Enterprise or one if it is a QSE:

Tender

Part T2: Returnable documents

T2.2
Returnable Schedules

TRANSNET



	BBEE procurement recognition level as a percentage of total measured procurement spend	<i>or increased over the contract period.</i>		
20.	20 B-BBEE procurement spend from all Empowering Suppliers QSEs based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which B-BBEE spend from Empowering Supplier QSEs would be sustained or increased over the contract period</i>		
21.	B-BBEE procurement spend from Exempted Micro-Enterprise based on the applicable B-BBEE procurement recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which B-BBEE spend from EMEs would be sustained or increased over the contract period</i>		
22.	B-BBEE procurement spend from Empowering Suppliers that are at least 51% black owned based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which spend from Empowering Suppliers who are more than 51% Black-owned would be maintained or increased over the contract period.</i>		
23.	B-BBEE procurement spend from Empowering Suppliers that are at least 30% black women owned based on the applicable B-BBEE Procurement Recognition Levels as a percentage of Total Measured Procurement Spend	<i>Provide a commitment based on the extent to which spend from Empowering Suppliers who are more than 30% Black women-owned would be maintained or increased over the contract period.</i>		
24.	B-BBEE Procurement Spent from Designated Group ⁵ Suppliers that are at least 51% Black owned	<i>Provide a commitment based on the extent to which spend from suppliers from Designated Group Suppliers that are at least 51% Black owned would be</i>		

(a) At least 25% of cost of sales excluding labour cost and depreciation must be procured from local producers or local supplier in SA, for service industry labour cost are included but capped to 15%.

(b) Job creation - 50% of jobs created are for Black people provided that the number of Black employees since the immediate prior verified B-BBEE Measurement is maintained.

(c) At least 25% transformation of raw material/beneficiation which include local manufacturing, production and/or assembly, and/or packaging.

(d) Skills transfer - at least spend 12 days per annum of productivity deployed in assisting Black EMEs and QSEs beneficiaries to increase their operation or financial capacity.

⁵ "Designated Groups" means:

- unemployed black people not attending and required by law to attend an educational institution and not awaiting admission to an educational institution;
- black people who are youth as defined in the National Youth Commission Act of 1996;
- black people who are persons with disabilities as defined in the Codes of Good Practice on employment of people with disabilities issued under the Employment Equity Act;
- black people living in rural and under developed areas; and
- black military veterans who qualifies to be called a military veteran in terms of the Military Veterans Act 18 of 2011.

Tender

Part T2: Returnable documents

T2.2
Returnable Schedules

	<i>maintained or increased over the contract period.</i>		
SUPPLIER DEVELOPMENT INDICATOR	Required Response	Current Status (%)	Future Target (%)
25. Annual value of all Supplier Development ⁶ Contributions made by the Measured entity as a percentage of the target	<i>Provide a commitment based on the percentage in your organisation's annual spend on Supplier Development initiatives, will be maintained or improved over the contract period.</i>		
ENTERPRISE DEVELOPMENT INDICATOR	Required Response	Current Status (%)	Future Target (%)
26. The organisation's annual spend on Enterprise Development ⁷ as a percentage of Net Profit after Tax [NPAT]	<i>Provide a commitment based on the retention or increase in your organisation's annual spend on Enterprise Development initiatives, as a percentage of its Net Profit after Tax, over the contract period.</i>		

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⁶ **"Supplier Development"** means monetary or non-monetary contributions carried out for the benefit of value-adding suppliers to the Measured Entity, with the objective of contributing to the development, sustainability and financial and operational independence of those beneficiaries:

(a) Supplier Development Contributions to suppliers that are Exempted Micro-Enterprises or Qualifying Small Enterprises which are at least 51% black owned or at least 51% black women owned.

Supplier Development within the context of the B-BBEE scorecard must be differentiated from Transnet's Supplier Development Initiatives. Whereas the former relates to the definition above, the latter relates to improving the socio-economic environment through initiatives that are committed to as part of a contract award that contribute to the development of a competitive supplier base in relation to a particular industry.

⁷ **"Enterprise Development"** means monetary and non-monetary contributions carried out for the following beneficiaries, with the objective of contributing to the development, sustainability and financial and operational independence of those beneficiaries:

(a) Enterprise Development Contributions to Exempted Micro-Enterprises or Qualifying Small Enterprises which are at least 51% Black owned or at least 51% Black women owned;

ANNEXUREC: SUPPLIER DEVELOPMENT PLAN

Transnet requires that all Respondents submit a **Supplier Development Plan** demonstrating how they will discharge their commitments made in the Supplier Development Value Summary.

The Supplier Development Plan is a detailed narrative document explaining the Respondent's SD proposal as summarised in the Declaration of Supplier Development Commitments.

Respondents must compile the SD plan, with an understanding of Supplier Development as detailed and described in the SD Guideline Document and further guided by the specific requirements mentioned below.

Important Notes for completion of SD Plan:

- (i) Respondents are urged to pay careful attention to the compilation of the SD Plan since it, together with the Declaration of Supplier Development Commitments, represents a binding commitment on the part of the successful Respondent.
- (ii) Respondents are required to address each of the categories under the detailed SD Description as a minimum for submission. This is however not an exhaustive list and Respondents are not limited to these choices when compiling each section.
- (iii) Respondents must ensure that the Declaration of Supplier Development Commitments submission and the SD Plan submission are accurately cross-referenced with each other.
- (iv) Respondents are requested to address each of the SD aspects in no more than two (2) pages per category, to avoid lengthy submissions.
- (v) Respondents are required to provide an electronic copy [CD] of the completed Declaration of Supplier Development Commitments and SD Plan as part of their submissions.

Minimum SD plan requirements

The SD Plan should outline the type of activities you intend to embark upon should you be awarded the contract. This SD Plan should also provide an overview of what you intend to achieve, by when, and the mechanisms to be used to achieve those objectives.

Category	Description
Job Preservation	Number of jobs created resulting from the award of contract
Enterprise and Supplier Development	Encouragement for growth and the expansion of emerging local firms, through procurement and support mechanisms
Rural Integration and Regional Development	Incorporation of the use of rural labour and regional businesses which will contribute to NGP objectives

SUPPLIER DEVELOPMENT PLAN

1. Supplier Development Executive Summary

.....

.....

.....

2. Supplier Development plan per category:

2.1. Job Preservation

2.2. Enterprise and Supplier Development

2.3. Rural / regional integration

Conclusion

.....

Respondent's Signature

Date & Company Stamp

Appendix (iv)

SUPPLIER DEVELOPMENT GUIDELINE DOCUMENT [January 2014]

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Note

For the purposes of this document, any reference to a/the "**Supplier/Service Provider**" shall be construed to mean a reference to a Respondent (in terms of this RFP) and/or to a successful Respondent (to whom the business is to be awarded), as so indicated by the context hereinafter.

1 What is Supplier Development?

The Supplier Development (SD) Programme is an initiative of the Department of Public Enterprises (DPE) supported by Transnet. The aim of SD is to increase the competitiveness, capability and capacity of the South African supply base where there are comparative advantages and potential for local or regional supply. This can be achieved through skills transfer, as well as building new capability and capacity in the South African supply base. In addition, SD has its roots grounded firmly around the transformation of South Africa and the empowerment of previously disadvantaged individuals and enterprises.

2 Background and Guidance on the Supplier Development Objectives for South Africa

As a developing economy with inherent structural and social imbalances, South Africa is facing the significant economic challenge of increasing growth in a manner that includes all South Africans. The historical lack of investment in infrastructure in South Africa has negatively impacted on local industry, resulting in a loss of key skills and a decrease in manufacturing industry capabilities. To respond to this, Government policies have been designed to address these imbalances and to act as a catalyst of change for the benefit of South Africa.

One of these Government policies, the New Growth Path (NGP) aims to enhance growth, employment creation and equity by reducing the dependencies of South African industries on imports, and promoting the development of skills and capabilities that are in short supply within the country. It identifies strategies that will enable South Africa to grow in a more equitable and inclusive manner and promotes the development of new industry to attain South Africa's developmental agenda.

Transnet's SD effort is closely aligned to the NGP objectives and as a result we are able to fulfil our commitment to sustainability within South Africa whilst at the same time addressing other corporate objectives including increasing productivity and efficiency, volume growth, capital investment, financial stability, funding, human capital, S & P, regulatory compliance and improving customer service.

The combined objectives of Transnet and Government will be realised through:

- aggressively implementing capital investment plans which will result in competitive local industries;
- improving operational efficiency;
- using procurement to influence the development of the local supplier industry; and
- ensuring it creates sufficient economic opportunities for the participation of previously disadvantaged groups.

This will lead to Transnet achieving its long-term objective of increasing both shareholder and societal value using its procurement expenditure to ensure local development through the sustainable growth of capability and capacity in South Africa's supply chain and the inclusion of the previously disadvantaged individuals in the economy in a manner that is beneficial to Transnet, South African industry and the people of South Africa. As a result this State Owned Company (SOC) is able to fulfil its responsibility as the biggest link in the South African freight logistics chain whilst complementing the objectives of Government.

3 Transnet's Supplier Development Objectives and Framework

To aid its implementation of SD, Transnet has adapted an existing framework from the DPE. This framework allows for a basic set of principles to be applied to appropriately target SD initiatives. Supplier Development initiatives aim to assist local suppliers in developing their competitive advantage through increasing their capability and capacity potential. Hence the framework has been termed the Increased Competitiveness, Capability and Capacity (**IC³**) Supplier Development Classification Matrix.

This framework encapsulates the types of SD opportunities which Transnet currently considers effective and allows Transnet to move its SD structure away from a dynamic policy environment towards a framework that is designed around general Supplier Development objectives. This enables Transnet to adopt a standard structure but also allows the flexibility to reconsider emphasis on certain aspects as objectives change. The IC³ Matrix (refer to Figure 1 below) categorises SD opportunities in a matrix based on their value, extent of industrial leverage and strategic importance to Transnet. Further categorisation of opportunities into the relevant quadrants is based on supplier-buyer power, industrial complexity, risk and the length of procurement period.

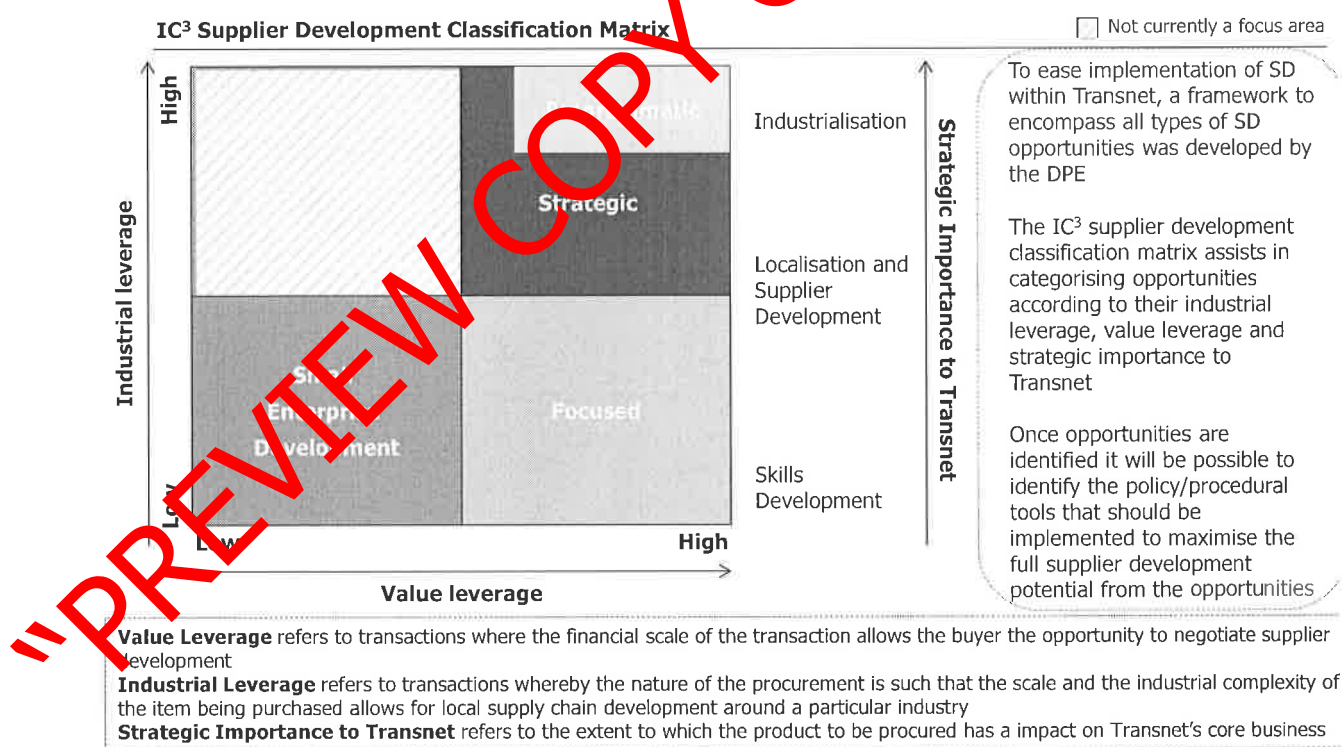


Figure 1: The IC³ Supplier Development Classification Matrix

In order for Suppliers/Service Providers to successfully meet the needs of a particular initiative, a detailed understanding of each quadrant is required.

3.1 Programmatic

Programmatic initiatives follow a longer than normal planning horizon and generally exceed the funding capacity of Transnet's balance sheet. Collaboration between the SOC and Government is achieved through focused task teams whereby infrastructure development and industrialisation is achieved

through joint support and in some cases public spending. Investment is focused in plant, technology and skills in both intermediate and advanced capabilities to develop competitive advantage.

3.2 Strategic

Strategic initiatives follow a three to five year planning horizon, involving investment in at least plant, technology and/or skills in intermediate capabilities. This enforces the need for multinational corporations and Original Equipment Manufacturers (**OEMs**) to develop a certain percentage of their products locally. Strategic initiatives can therefore be used to achieve Transnet's objectives by increasing the competitiveness, capability and efficiency of local suppliers. Strategic initiatives can sometimes focus on advanced capabilities but will in most cases require Government support to develop local capability.

3.3 Focused

Focused initiatives include all high value transactions with limited industrial leverage and medium to low strategic importance. These initiatives address short to medium-term contracts that can be leveraged to encourage Supplier Development, with a focus on investment in technology or skills to enhance existing local capability. Emphasis will largely be placed on benefiting previously disadvantaged individuals. The overall result improves the socio-economic environment by creating competitive local suppliers and furthers objectives of empowerment, transformation and regional development.

3.4 Small Enterprise Development

Small Enterprise Development initiatives are typically of low value and have no industrial leverage as they are characterised by typically low complexity goods and high competition. These initiatives concentrate on increasing the capability of small local suppliers and are targeted toward historically disadvantaged individuals and communities, providing basic skills development and improving local employment and quality job creation. It includes a wide range of non-financial services that help entrepreneurs start new business and grow existing ones.

4 Response based on the IC³ Matrix Quadrants

Based on the supplier-buyer power, industrial complexity, risk and the length of procurement period, the Supplier/Service Provider is expected to formulate a SD Plan to identify the opportunities that it will pursue. Ideally the SD Bid Plan should address factors that are specific to the applicable quadrant of the IC³ matrix.

Transnet has identified a number of opportunities which may aid a Supplier/Service Provider in formulating its response based on each quadrant. Each of the opportunities identified by the Supplier/Service Provider should have a direct or indirect effect on the value it creates for the country in order to maximise the socio-economic impact.

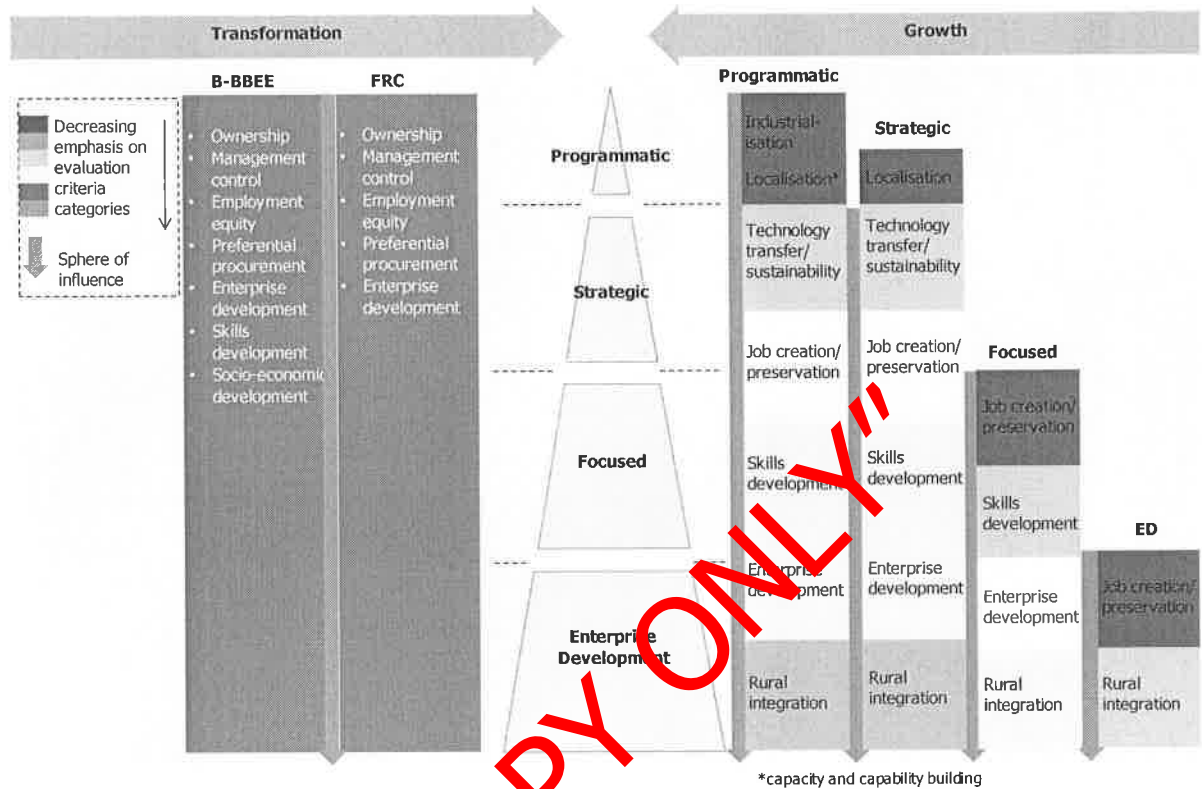


Figure 2: Transnet value capture through supplier influence

4.1 Programmatic

The strategic objective of "Programmatic transactions" is to assist Government to achieve its industrialisation objectives through the development of the local supplier base, in order to increase the cost efficiency of SOC procurement, support and maintenance programmes. In order to satisfy this objective a number of focus areas and key outcomes have been identified:

a) Programmatic Focus Areas -

- Industrialisation
- Capability and capacity building in South Africa
- Technology transfer
- Skills development related to the manufacturing process and the industry
- Development of new technology and innovation
- Investment in plant
- Development of local companies aligned to empowerment objectives

b) Key Outcomes -

- Industrialisation
- Manufacturing capability and capacity building
- Technology transfer
- Skills development

4.2 Strategic

The main objective of Strategic transactions is to leverage local downstream suppliers through large-scale SOC procurement in order to develop a competitive local supplier base. In response to these objectives the following are the specific focus areas and key outcomes applicable:

a) Strategic Focus Areas -

- Capability and capacity building in South Africa
- Transfer of technology and innovation to local suppliers from foreign OEM's
- Skills development related to the industry
- Development of local companies aligned to empowerment objectives

b) Key Outcomes -

- Increased S.A. manufacturing capability and capacity
- Increased technology transfer
- Skills development
- Job creation/preservation

4.3 Focused

Focused initiatives assist local suppliers to improve their performance, enhance their existing production and skills capabilities with emphasis being placed on benefiting previously disadvantaged individuals and rural development. In order to satisfy these objectives a number of focus areas and key outcomes have been identified:

a) Focused Focus Areas -

- Developing a local supplier base that supports preferential procurement outcomes
- Developing skills within the specific industry
- Creating opportunity for job preservation
- Reducing income inequality in specific regions

b) Key Outcomes -

- Empowerment
- Skills development
- Rural development
- Job creation/preservation

4.4 Small Business Development

Enterprise Development (**ED**) objectives are centred around assisting local suppliers to improve their skills by placing increased emphasis on benefiting previously disadvantaged individuals and rural development in line with the Broad-Based Black Economic Empowerment (B-BBEE) strategy. The following focus areas and key outcomes have been identified:

a) Small Business Development Focus Areas -

- Providing small businesses with opportunities and preferential trading terms, increased focus on Black woman-owned enterprises, focus on the youth, people with disabilities and region-specific initiatives

- Empowering previously disadvantaged individuals to create their own businesses resulting in quality job creation
- b) Key Outcomes -
 - Empowerment
 - Rural development
 - Skills development
 - Job creation/preservation

Based on these focus areas and key outcomes, a Supplier/Service Provider would need to actively focus on the quadrant-specific requirements in order to maximise the potential commercial benefit for Transnet, South Africa and themselves. In doing so value can be created across all lines of reporting resulting in continued relations.

5 Supplier Development Category Definitions and High Level Descriptions

5.1 Industrialisation

Industrialisation refers specifically to industrial development that will result in globally leading capabilities within South Africa.

Criteria	Description
➤ Value of investment in plant	➤ Quantification of the monetary value invested in machinery, equipment and/or buildings as a result of this RFP
➤ Percentage of the investment of plant purchased in South Africa	➤ Percentage value invested in machinery, equipment and/or buildings that are sourced from local companies
➤ Reduction in import leakage	➤ A percentage indication of the increase in locally supplied products and therefore the resultant decrease in imports as a result of the award of a contract
➤ Potential increase in export content	➤ The percentage increase in exports that will result from increased industrial capability locally in relation to the award of a contract

5.2 South African Capability and Capacity Building

South African capability and capacity building refers specifically to industrial development that focuses on value-added activities for the local industry through manufacturing or service-related functions.

Criteria	Description
➤ Value-added manufacturing activity/activities to be undertaken in South Africa	➤ Description of value-added activities to be performed during the contract period in South Africa
➤ Service-related functions to be undertaken in South Africa	➤ Description of service-related functions to be performed during the contract period in South Africa
➤ Number of local suppliers in the	➤ Number of South African suppliers that are to

Criteria	Description
supply chain	be utilised in the fulfilment of a contract

5.3 Technology transfer/sustainability

Technology improvements are intangible assets with significant economic value. The Supplier/Service Provider will be measured on its plan to transfer knowledge and IP to contribute towards capability building of the local supply base, which ultimately leads to improved efficiency and capability. Plans to assist in this by a Supplier/Service Provider must be assessed to enable the local supply base to potentially export its newly-acquired technological know-how, thereby decreasing capital leakage.

Criteria	Description
Technology transfer including:	
➤ Methods of manufacturing	➤ Introduction of a new/improved method of manufacturing
➤ Introduction of new technologies	➤ Provision of new technologies: <ul style="list-style-type: none"> ○ For processes ○ ICT
➤ IP transfer (number and value)	➤ The provision of patents, trademarks and copyrights
➤ Number of local suppliers to be evaluated for integration into the OEM supply chain	➤ An indication of the number of South African suppliers that an OEM/Service Provider plans to evaluate for possible inclusion into its supply chain, should it meet the requirements

5.4 Skills development

Skills development indicates the company's commitment to education and whether that fits in with targeted groups (artisans, technicians, etc.). Consideration needs to be directed towards the adequate quality and value of skills so developed in order to allow for better evaluation in line with Government's objectives.

Criteria	Description
➤ Number of downstream supply chain individuals to be trained including: <ul style="list-style-type: none"> • Number of artisans trained • Number of technicians trained • Number of black people trained • Total number of people trained 	➤ Number of individuals that the Supplier/Service Provider plans to train in the local industry over the contract period; training undertaken in the previous year will be taken into account
➤ Number of company employees to be trained	➤ Number of individuals within the company (in South Africa) that the Supplier/Service Provider plans to train over the contract period; training undertaken in the previous year will not be taken into account as past employee training appears in the skills development pillar of the B-BBEE scorecard; criteria broken down as for industry training

Criteria	Description
	above
➤ Certified training (yes/ no)	➤ Compliance with local and/or international skills accreditation
➤ Rand value spent on training	➤ Total planned monetary value spend (as a % of contract value) on skills development /training for the contract period within the industry; money spent in the previous year will be included in year 1 to make allowance for Suppliers/Service Providers who have just completed a training time within the industry
➤ Number of bursaries/ scholarships (specify field of study)	➤ The number of higher education bursaries/scholarships provided in the previous year and planned for the length of the contract
➤ Number of apprentices (sector must be specified)	➤ The number of apprentices that the Supplier/Service Provider plans to enlist during the course of the contract
➤ Investment in Schools in specific sectors e.g. engineering	➤ The monetary value that the Supplier/Service Provider is prepared to invest in the development and running of schools to increase technical skills development

5.5 Job creation/preservation

Job creation and/or preservation allows assessment of Government's objectives to increase labour absorption, focusing on unskilled workers and the youth.

Criteria	Description
➤ Number of jobs preserved	➤ Number of jobs which would be preserved through Award of Contract
➤ Number of jobs created including: <ul style="list-style-type: none"> • New skilled jobs created • New unskilled jobs created 	➤ Number of jobs to be created during the period of the contract <ul style="list-style-type: none"> • Jobs for people in a specialised field of work requiring a defined training path and / or requisite level of experience in order for them to perform that role. These people could be in possession of a certificate, diploma or degree from a higher education institution. • Jobs for people where the field of work does not require extensive formal training or from whom no minimum level of education is required
➤ Number of jobs created for youth	➤ Jobs created for individuals aged 16 – 35 years
➤ Number of jobs created for Black youth	➤ Jobs created for Black individuals aged 16 – 35 years

5.6 Enterprise and Supplier Development

Small business promotion criteria give an indication of the Supplier/Service Provider's commitment to developing small business in line with NGP and B-BBEE requirements.

Criteria	Description
<ul style="list-style-type: none"> ➤ Percentage procurement from: <ul style="list-style-type: none"> • QSEs • EMEs • Start-ups • B-BBEE Facilitators 	<ul style="list-style-type: none"> ➤ Refers to the planned procurement from small business as a % of the total planned procurement spend
<ul style="list-style-type: none"> ➤ Sub-contracting 	<ul style="list-style-type: none"> ➤ Refers to sub-contracting to QSEs/EMEs that are preferably Black Owned, Black Women Owned, Black Youth Owned or owned by Black People with disabilities
<ul style="list-style-type: none"> ➤ Non-financial support provided to small business 	<ul style="list-style-type: none"> ➤ Suppliers/Service Providers will be credited for each non-financial ED support that they are planning to give to small business e.g. Professional support; employee time allocated to assisting small business
<ul style="list-style-type: none"> ➤ Financial support provided to small business 	<ul style="list-style-type: none"> ➤ Suppliers/Service Providers will be credited for each financial ED support initiative that they are planning to undertake during the contract period e.g. Shorter payment terms; interest free loans
<ul style="list-style-type: none"> ➤ Joint ED initiatives with Transnet 	<ul style="list-style-type: none"> ➤ The number of ED initiatives that the Supplier/Service Provider will jointly run with Transnet: <ul style="list-style-type: none"> • That are aligned to Transnet's objectives • That are non-financial in nature

5.7 Rural development/integration

Rural development / integration indicates the Supplier's/Service Provider's planned use of local labour and business which will contribute to Governments NGP objectives and result in supply chain efficiencies. Commitment to rural development will result in the alleviation of poverty and thereby contribute to development objectives. The development must be sustainable in order to have a long-term and meaningful impact.

Criteria	Description
<ul style="list-style-type: none"> ➤ Number of local employees 	<ul style="list-style-type: none"> ➤ Number of people employed from within the town/city of operation
<ul style="list-style-type: none"> ➤ Value spent on local business 	<ul style="list-style-type: none"> ➤ Monetary value spent on businesses within the town/city of operation
<ul style="list-style-type: none"> ➤ Proximity of business to operations 	<ul style="list-style-type: none"> ➤ The locality of the business in relation to operations, preference is given for regional (provincial) locality
<ul style="list-style-type: none"> ➤ Number of rural businesses to be developed 	<ul style="list-style-type: none"> ➤ The number of rural businesses that the Supplier/Service Provider plans to develop as a result of the contract

➤ Value of development to local community (sustainable)	➤ The monetary value spent on rural community development that will result in long-term social improvements
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6 Market Intelligence Assistance

Suppliers/Service Providers with limited knowledge of the local market, supply base and its capabilities may require assistance in identifying local suppliers and the development needs in order to develop its SD Plan. The United Nations Industrial Development Organisation (UNIDO) supplies a benchmarking service in South Africa which will be able to assist Suppliers/Service Providers in identifying potential local suppliers with which to work. In addition, this service will provide insight as to the type of support that these local suppliers require in order to become more competitive. UNIDO's benchmarking tool gives insight into the performance levels being seen in Suppliers'/Service Providers' businesses and the practices used to deliver the products or services being offered. The benchmarking tool focuses on:

- 6.1 Performance data relating to -
 - a) Financial performance
 - b) Customer data
 - c) Processes
 - d) Learning & growth
- 6.2 Company's current business situation -
 - a) Plans for the business and capabilities to manage their fulfilment
 - b) Ability to generate business
 - c) Employee relationships
 - d) Developing new markets
 - e) Developing products and services
 - f) Managing money

The UNIDO benchmarking tool provides a basic framework through which an understanding of the South African market can be established. Whilst the list of criteria may not be exhaustive, Suppliers/Service Providers are free to meet with UNIDO to further understand how they can work together to develop a deeper understanding of the market and the SD opportunities available.

7 Government Policy Documents

NIPP	http://www.thedti.gov.za/industrial_development/nipp.jsp
IPAP2	http://www.thedti.gov.za/DownloadFileAction?id=561
CSDP	http://www.dpe.gov.za/res/transnetCSDP1.pdf
NGP	http://www.thepresidency.gov.za/pebble.asp?relid=2323

8 Other Reference Websites

References	Website
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Department of Public Enterprise (DPE)	www.dpe.gov.za
United Nations Industrial Development Organisation (UNIDO)	www.unido.org/spx

"PREVIEW COPY ONLY"

GLOSSARY OF WORDS

Broad-Based Black Economic Empowerment (B-BBEE)

A South African legal requirement that require all entities operating in the South African economy to contribute to empowerment and transformation

Enterprise Development (ED)

An element contained within the B-BBEE scorecard whereby a Measured Entity can receive recognition for any Qualifying Enterprise Development Contributions towards Exempted Micro-Enterprises or Qualifying Small Enterprises which are 50% black owned or 30% black woman owned. Enterprise Development Contributions consists of monetary and non-monetary, recoverable and non-recoverable contributions actually initiated in favour of a beneficiary entity by a measured entity with the specific objective of assisting or accelerating the development, sustainability and ultimate financial independence of the beneficiary. This is commonly accomplished through the expansion of a beneficiaries financial and/ or operation capacity.

Industrial Policy Action Plan II (IPAPII)

The implementation plan for the National Industrial Policy Framework (NIPF) which details key action plans (KAPs) and timeframes for the implementation of industrial policy actions in line with the NIPF.

Integrated Supply Chain Management (iSCM)

Refers to an integrated "one supply chain management" strategy within Transnet which has been developed with Centres of Excellence (COEs) with cross-functional teams comprising divisional and corporate task team members, to deliver value through improved efficiencies and compliance with the regulatory environment.

New Growth Path (NGP)

Developed by the Economic Development Department tabled in January 2010 frames a new approach to unlocking economic growth by knitting together the IPAP2 as well as policies and programmes in rural development, agriculture and, sciences & technology, education, skills development, labour, mining and beneficiation, tourism and social development with the aim to target limited capital and capacity at activities that maximise the creation of decent work opportunities. Key indicators include: Quality job creation, Youth employment, Labour intensive growth, and

Equity.

Original Equipment Manufacturer (OEM)

Refers to a manufacturing company that owns the intellectual property rights and patents for the equipment it sells and services

Socio-economic Development

Refers to development which addresses social and economic aspects such as job creation, poverty reduction and increased national value add and which not only focuses on the business's financial bottom line.

State Owned Company (SOC)

Refers to Government-owned corporations. They are legal entities created, and owned by Government to undertake commercial activities on behalf of an owner Government, and are usually considered to be an element or part of the state. They are established to operate on a commercial basis.

Supplier Development (SD)

Improving the socio-economic environment by creating competitive local suppliers via Enterprise Development, CSOP and other initiatives such as Preferential Procurement. This results in a supply base that can eventually be competitive to market its goods on the international market leading to increased exports.

United Nations Industrial Development Organisation (UNIDO)

A specialised agency of the United Nations. Its mandate is to promote and accelerate sustainable industrial development in developing countries and economies in transition, and work towards improving living conditions in the world's poorest countries by drawing on its combined global resources and expertise.

SUPPLIER DEVELOPMENT VALUE SUMMARY

Annexure: A.

INSTRUCTION AND NOTES FOR COMPLETION OF THE SD VALUE SUMMARY

Respondents must complete this Annexure which summarises your Supplier Development [SD] Plan and related value commitments over the contract period.

Do not populate the greyed out areas

Populate the columns as requested in the SD MEASUREMENT column, NUMBER, PERCENTAGE, RAND VALUE excluding VAT, YES/NO and SD PLAN CROSS-REFERENCE

Cross-reference the Value Indicators quoted under the column heading "SD PLAN CROSS-REFERENCE" with the corresponding section in your SD Plan.

NEW COPY ONLY

SD CATEGORY	SD MEASUREMENT	NUMBER	SD VALUE INDICATORS			SD BID DOCUMENT CROSS-REFERENCE
			PERCENTAGE	RAND VALUE excluding VAT	YES/NO	
Job Maintenance / Preservation		The potential for job preservation due to the award of this business				
1.1	Number and Rand Value of jobs which would be preserved through award of contract:					
1.1.1	- By the Respondent					
1.1.2	- By subcontractors					
1.1.3	- By South African suppliers / service providers					
1.1.4	- By other [specify]					

SD CATEGORY	SD MEASUREMENT	SD VALUE INDICATORS				SD BID DOCUMENT CROSS-REFERENCE
		NUMBER	PERCENTAGE	RAND VALUE excluding VAT	YES/NO	
Enterprise and Supplier Development	These SD value measurements give an indication of your commitment to developing small businesses in line with the Government's New Growth Path [NGP] and B-BBEE requirements					
2.1	Percentage of your projected annual procurement spend from businesses with an annual turnover of less than R50 million [QSEs]					
2.2	Percentage of your projected annual procurement spend from businesses with an annual turnover of less and equal to R10 million [EMEs]					
2.3	Percentage of your projected annual procurement spend from start-up enterprises					
2.4	Percentage of your projected annual procurement spend from Black Youth Owned companies					
2.5	Percentage of the estimated contract value which would be subcontracted to EMEs					
2.6	Percentage of the estimated contract value which would be subcontracted to QSEs					
2.7	Percentage of the estimated contract value which would be subcontracted to start-up enterprises					
2.8	Percentage of the estimated contract value which would be subcontracted to Black Youth Owned Companies					

2

3

SD CATEGORY

SD MEASUREMENT

SD VALUE INDICATORS

NUMBER

PERCENTAGE

RAND VALUE
excluding
VAT

YES/NO

SD BID
DOCUMENT
CROSS-
REFERENCE

Rural integration
and regional
development

The Service Provider's planned use of labour and businesses will contribute to the Government's NGP objectives and result in supply chain efficiencies. Contributions to rural development will result in poverty alleviation, thereby contributing to development objectives. This development is sustainable in order to have a long-term and meaningful impact.

3.1

Number of people employed from within the town/city of operation

3.2

Rand value spent on businesses within the town/city of operation

ESTIMATED RAND VALUE TOTAL OF SUPPLIER DEVELOPMENT COMMITMENT, EXCLUDING VAT: R 0.00

SUPPLIER DEVELOPMENT COMMITMENT EXPRESSED AS A PERCENTAGE OF ESTIMATED CONTRACT VALUE : %

Tender T2.2
Part T2: Returnable documents

Tender T2.2
Returnable Schedules

Page 3 of 3

TRANSNET 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 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 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 Limited.
- 10) The Contractor shall furnish the* Health and Safety Section/ Risk Manager/ Occupational Risk Manager of Transnet 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 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 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		
- <i>Is there a written company health and safety policy?</i> - If yes provide a copy of the policy		
- <i>Does the company have an OH&S Management system e.g NOSA, OHSAS, IRCA System etc</i> - If yes provide details		
- <i>Is there a company OH&S Management System, procedures manual or plan?</i> - If yes provide a copy of the content page(s)		
- <i>Are health and safety responsibilities clearly identified for all levels of Management and employees?</i> - If yes provide details		
2. Safe Work Practices and Procedures		
- <i>Are safe operating procedures or specific safety instructions relevant to its operations available?</i> - If yes provide a summary listing of procedures or instructions		
- <i>Is there a register of injury document?</i> If yes provide a copy		
- <i>Are Risk Assessments conducted and appropriate techniques used?</i> - 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 		
<ul style="list-style-type: none"> - Is company registered with workmen's compensation and up to date? - If yes provide proof of letter of good standing 		
<ul style="list-style-type: none"> - Has the company ever been convicted of an occupational health and safety offence? - If yes provide details 		

Safety Performance Report

Monthly DIFR for previous months

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


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

Signed
(Tenderer)

Safety Plan and Fall Protection Plan

The tenderer shall attach to this page the tenderer's Safety Plan and Fall protection plan in accordance with the Construction Regulations of 2003 and Transnet's E4E specifications attached to this tender document.

"PREVIEW COPY ONLY"

		
Tenderer Risk Management guideline		
Risk Management plans		
Company Name		
Tender Description		
Tender Number		
Date		
1. Business Continuity Management : The objective is to ensure continuity of the service provision to TFR in case on any interruptions which may arise from the tenderer's site aligned to applicable standards	Submitted	
	YES	NO
1.1 BCP Risk Assessment for the project		
<p>Please provide a business continuity plan inclusive of the following</p> <ul style="list-style-type: none"> - Identification of risks of service interruption during the project - Ranking of the Risks - Mitigation of those risk - Responsible person 		
1.2 Business Impact Analysis		
<ul style="list-style-type: none"> - Identification of critical processes within the project - Recovery Time Objective in case of any interruption that may arise - Recovery Strategy: how will the supplier recover - Operational dependencies eg: Operational equipments,telephones etc needed to ensure continuity - Alternative supply of equipment and / or supply of extra staff - Battle box (It comprises of all necessary documentation,equipments required for 		
1.3 Business continuity plan		
<ul style="list-style-type: none"> - Emergency operating procedures - Business continuity invocation action - Project recovery resources - Business / Supplier contact list - Emergency contacts - Document quality assurance control 		
2. Project Operational Risk Assessment : Identification of project delivery risks		
- Project delivery risks in accordance with the project activities / Scope		
All risks should have mitigating measures and responsible person		
3. Environmental management plans		
- Submit Environmental management plan as per guidelines included in the tender		
Company Representative Name		
Signature		

Comprehensive Environmental Management Plan

The tenderer shall attach to this page the tenderer's Environmental Management plan in accordance with the Construction Regulations of 2003, National Environment Management Act, 107/1998, Environmental Conservation Act, 73/1998 and National Water Act, 36/1998.

The Environmental Management plan shall be inclusive of a Risk Register and Business Continuity Plan. Risk Register shall cover identified risks associated with this project and accompanying risk mitigation measures.

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RESOLUTION

Project Reference:

Resolution of the Board of Directors of

Held at on the day of 20.

THAT in his capacity as a Director of the

Company, is hereby authorised to sign contract

and other documents on behalf of the Company in all matters relating to this application.

Certified a True Copy

Signed:

Director

(who by his signature warrants that he is
authorised hereto on behalf of the company)

NOTE:

Should this not be applicable, then the applicant will be required to submit a resolution similar to the above authorising the signatory to bind the response to the tender document.

LETTER OF GOOD STANDING

The tenderer shall attach to this page a valid letter of good standing from the Compensation Commissioner.

"PREVIEW COPY ONLY"

FORM OF INTENT TO PROVIDE PERFORMANCE BOND

(To be typed on Bank letterhead)

TRANSNET FREIGHT RAIL

DATE:

LETTER OF INTENT

PROJECT REFERENCE: _____

Dear Sir/Madam,

It is hereby agreed that in the event of the tenderer's offers being accepted, a Deposit, Surety or Bond, as defined in the tender document and in a form acceptable to the Bank and always limited to the amount set out below, will be provided by the Bank named hereunder, on or before signing of the Contract.

This letter of intent is valid for **90 (Ninety) days** until _____ (**DATE**) ("Expiry") and after expiry will become null and void unless the Bank agrees in writing to extend the period of validity of this letter, prior to such date of expiry.

NAME OF TENDERER : _____

SIGNATURE OF TENDERER : _____

VALUE OF SURETY OR BOND : _____

NAME OF BANK : _____

ADDRESS OF BANK : _____

SIGNATURES OF BANK : _____
(For and on behalf of Bank)

(NAME)
(DESIGNATION)

(NAME)
(DESIGNATION)

QUALITY ASSURANCE PLAN

The tenderer shall attach to this page the tenderer's quality management plan required to execute and complete the contract to an acceptable Quality Standards. The tenderer's quality plan should include but not limited to the following to demonstrate the ability to manage the quality of work on site:

1. Project Quality Plan for the contract
2. The Contractor's Quality Policy
3. Index procedures to be used during the contract
4. Audit Schedule for internal and external audit during the contract
5. Typical Quality Manual
6. Typical Quality Control Plan
7. Typical data book index

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APPROACH PAPER AND WORK PLAN

The tenderer, in addition to the general methodology for the project, shall attach to this page the tenderer's detailed method statement for the project which responds to the scope of work and outlines the proposed methodology including that related to the programme, technical approach and construction sequence, plant and equipment schedule, understanding of the project objective and Cash flow, Health and Safety, Quality and Environmental.

The tenderer is required to provide a detailed construction program, under this section, which provides the detail that would indicate the order and timing of activities required to execute the works in terms of the Works Information and within the required timeframe as per the indicative program included in this tender document. The program may take into account, but not limited to, the following:

- Start Dates, access dates, key dates, completion dates
- Provision for float, risk allowances, health and safety requirements
- Provide a resource histogram
- Demonstrate how the contractor will meet the above dates
- Written method statement backing up the program.

PROPOSED PROJECT ORGANOGRAM AND STAFFING

The tenderer shall attach to this page the tenderer's proposed project organogram indicating the resource allocation hierarchy for all stages of the construction project. The organogram should consist of resources allocated specifically to the project and not general company organogram.

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FINANCIAL STATEMENTS

The tenderer is required to attach a set of abridged audited financial statements for the last 3 (three) years under this section.

In the event that the financial statements for the last financial year only has not been audited, the tenderer is required to submit the management accounts of the last financial year and the current financial year to date records.

"PREVIEW COPY ONLY"

SHARE CERTIFICATES

The tenderer is required to attach certified copy of the tenderer's share certificates (CK1 & CK2), if applicable, under this section.

"PREVIEW COPY ONLY"

CERTIFICATE OF INCORPORATION

The tenderer is required to attach certified copy of the applicant's Certificate of Incorporation (CM29 & CM9), if applicable, under this section.

"PREVIEW COPY ONLY"

IDENTITY DOCUMENTS

The tenderer is required to attach legible certified copies of the Identity Documents of the tenderer's Shareholders, Directors and Members, where applicable, under this section.

"PREVIEW COPY ONLY"

CANCELLED CHEQUE

The tenderer is required to attach a copy of the tenderer's cancelled cheque, under this section.

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ORIGINAL TAX CLEARANCE CERTIFICATE

IT IS A CONDITION OF BIDDING THAT:

1. The taxes of the successful bidder must be in order, or that satisfactory arrangements have been made with the Receiver of Revenue to meet his/her tax obligations.
2. The attached form "Application for Tax Clearance Certificate (in respect of bidders)", must be completed in all respects and submitted to the Receiver of Revenue where the bidder is registered for tax purposes. The Receiver of Revenue will then furnish the bidder with a Tax Clearance Certificate that will be valid for a period of six to twelve (6 - 12) months from date of issue. This Tax Clearance Certificate must be submitted in the original together with the bid. Failure to submit the original and valid Tax Clearance Certificate may invalidate the bid.
3. In bids where Consortia/Joint Ventures/Sub-contractors are involved, each party must submit a separate Tax Clearance Certificate.
4. In case of Foreign Bidders, they can contact South African Receiver of Revenue (SARS) to obtain the Tax Clearance Certificate. Copies of the Application for Tax Clearance Certificate are available at Receiver's office

"PREVIEW COPY ONLY"

Application for Tax Clearance Certificate

(IN RESPECT OF BIDDERS)

- Signature of contact person requiring Tax Clearance Certificate:

Telephone number:

Code

Number

Address:

Date: 20...../...../.....

Tender
Part T2: Returnable documents



VAT REGISTRATION CERTIFICATE

The tenderer is required to attach a valid original copy of the tenderer's VAT registration Certificate, under this section.

"PREVIEW COPY ONLY"

BROAD BASED BLACK ECONOMIC EMPOWERMENT (BBBEE) CERTIFICATE

The tenderer shall attach to this page a copy of the tenderer's BBBEE evaluation certificate. On certificates issued by an Accreditation Agency approved by SANAS (the South African Nation Accreditation Systems) will be valid.

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CIDB REGISTRATION

A valid copy of the Certificate of Contractor Registration issued by the Construction Industry Development Board (CIDB) must be submitted. Where an applicant satisfies CIDB contractor grading designation requirements through joint venture formation, such tenderers must submit the certificates of Contractor Registration in respect of each partner. Failure to submit the CIDB registration document may lead to the disqualification of the tenderer.

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Part C1 Agreement and contract data

"PREVIEW COPY ONLY"

C1.1 FORM OF OFFER AND ACCEPTANCE (ECC3)

OFFER

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for the procurement of:

138 Eloff Street – Refurbishment of office building: Johannesburg

The tenderer, identified in the Offer signature block, has examined the documents listed in the Tender Data and addenda thereto as listed in the Returnable Schedules, and by submitting this Offer has accepted the Conditions of Tender.

By the representative of the tenderer, signing this part of this Form of Offer and Acceptance, the tenderer offers to perform all of the obligations and liabilities of the *Contractor* under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the *conditions of contract* identified in the Contract Data. The representative, when signing this part of the Form of Offer and Acceptance, shall be deemed to be duly authorised by a Resolution of the Board of Directors/Certificate of Partners, a certified copy to be included in the Returnable Documents.

The offered total of the Prices exclusive of VAT is	R
Value Added Tax @ 14% is	R
The offered total of the Prices inclusive of VAT is	R
(in words)	

This Offer may be accepted by the Employer by signing the Acceptance part of this Form of Offer and Acceptance and returning one copy of this document including the Schedule of Deviations (if any) to the tenderer before the end of the period of validity stated in the Tender Data, or other period as agreed, whereupon the tenderer becomes the party named as the *Contractor* in the *conditions of contract* identified in the Contract Data.

Signature(s)

Name(s)

Capacity

For the
tenderer:

Name of
witness

Signature of
witness

Date

Tenderer's CIDB registration number (if any):

ACCEPTANCE

By signing this part of this Form of Offer and Acceptance, the Employer identified below accepts the tenderer's Offer. In consideration thereof, the Employer shall pay the *Contractor* the amount due in accordance with the *conditions of contract* identified in the Contract Data. Acceptance of the tenderer's Offer shall form an agreement between the Employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

Part C1	Agreements and Contract Data, (which includes this Form of Offer and Acceptance)
Part C2	Pricing Data
Part C3	Scope of Work: Works Information
Part C4	Site Information

and drawings and documents (or parts thereof), which may be incorporated by reference into the above listed Parts.

Deviations from and amendments to the documents listed in the Tender Data and any addenda thereto as listed in the Tender Schedules as well as any changes to the terms of the Offer agreed by the tenderer and the Employer during this process of offer and acceptance, are contained in the Schedule of Deviations attached to and forming part of this Agreement. No amendments to or deviations from said documents are valid unless contained in this Schedule.

The tenderer shall within two weeks of receiving a completed copy of this agreement, including the Schedule of Deviations (if any), contact the Employer's agent (whose details are given in the Contract Data) to arrange the delivery of any, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data. Failure to fulfil any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the Schedule of Deviations (if any). Unless the tenderer (now *Contractor*) within five working days of the date of such receipt notifies the Employer in writing of any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the Parties.

Signature(s)

Name(s)

Capacity
for the
Employer

**Transnet SOC Ltd trading as Transnet Freight Rail, 49th Floor, Carlton Centre, 150
Commissioner Street, Johannesburg, 2000**

Name of
witness

Signature of
witness

Date

Note: If a tenderer wishes to submit alternative tenders, use another copy of this Form of Offer and Acceptance.

SCHEDULE OF DEVIATIONS

Note:

1. To be completed by the Employer prior to award of contract. This part of the Offer & Acceptance would not be required if the contract has been developed by negotiation between the Parties and is not the result of a process of competitive tendering.
2. The extent of deviations from the tender documents issued by the Employer prior to the tender closing date is limited to those permitted in terms of the Conditions of Tender.
3. A tenderer's covering letter must not be included in the final contract document. Should any matter in such letter, which constitutes a deviation as aforesaid be the subject of agreement reached during the process of Offer and Acceptance, the outcome of such agreement shall be recorded here and the final draft of the contract documents shall be revised to incorporate the effect of it.
4. Any other matter arising from the process of offer and acceptance either as a confirmation, clarification or change to the tender documents and which it is agreed by the parties become an obligation of the contract, shall also be recorded here.

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

By the duly authorised representatives signing this agreement, the Employer and the tenderer agree to and accept the foregoing Schedule of Deviations as the only deviations from and amendments to the documents listed in the Tender Data and any addenda thereto listed in the Tender Schedules, as well as any confirmation, clarification or changes to the terms of the Offer agreed by the tenderer and the Employer during this process of Offer and Acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this agreement shall have any meaning or effect in the contract between the parties arising from this Agreement.

C1.2 CONTRACT DATA PROVIDED BY EMPLOYER (ECC3)

The conditions of contract are the NEC3 Engineering and Construction Contract (June 2005), copies of which may be obtained from the South African Institution of Civil Engineering (tel. 011-805 5947) or Engineering Contract Strategies (tel. 011 803-3008).

Part One – Data Provided by the Employer

Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

Statements given in all contracts

1 General

- (a) The conditions of contract are the core clauses and the clauses for main Option B, dispute resolution Option W1 and secondary Options X7, X13 & X16 of the NEC3 Engineering and Construction Contract June 2005 (with amendments June 2006).
- (b) The Contractor's Offer and the Employer's Acceptance is in the document called Form of Offer and Acceptance – Part 1 (C1.1).
- (c) The works are 138 Eloff Street – Refurbishment of office building
- (d) The Employer is
- Name : Transnet Limited trading as Transnet Freight Rail
Address : 40th Floor, Carlton Centre
150 Commissioner Street
Johannesburg, 2000
- (e) The Project Manager is
- Name : Johan Basson
Address: Desk 4/02
Logistics House,
Braamfontein, 2017
- (f) The Supervisor is
- Name : LDM Consulting (Pty) Ltd
Address: 239 Lange Street, Nieuw Muckleneuk,
Pretoria, 0181
- (g) The Adjudicator will be appointed as mutually agreed upon between the parties when a dispute arises.
- (h) The Works Information is in the document called "Scope of Work" – Part 3 (C3).
- (i) The Site Information is in the document called "Site Information" – Part 4 (C4).
- (j) The boundaries of the site are 138 Eloff Street, Johannesburg

- (k) The *language of this contract* is **English**.
- (l) The *law of the contract* is the law of **the Republic of South Africa**.
- (m) The *period for reply to a communication* is **3 weeks**.
- (n) The *Adjudicator nominating body* is **the Association of Arbitrators (Southern Africa)**.
- (o) The *tribunal* is **Arbitration**.
- (p) The following matters will be included in the Risk Register
 - 1 Staff working under clearances at nearest station.**
 - 2 Inadequate staffing.**
 - 3 Failure to use safety and protective equipment.**
 - 4 Incompetent employees.**
 - 5 Fitness for duty.**
 - 6 Theft and vandalism of material and equipment.**
 - 7 Damage to existing services**

3 Time (a)

The *starting date* is **to be advised upon awarding of contract**.

(b) The *access dates* are

Part of the Site **to be advised** Date **to be advised**

1. All sites listed under "Description of work" Duration of contract

(c) The *Contractor* submits revised programmes at intervals no longer than **4 weeks**.

4 Testing and Defects

(a) The *defects date* is **52 Weeks** after Completion of each site.

(b) The *defect correction period* is **TWO** weeks

(i) The *defect correction period* for

N/A is weeks.

(ii) The *defect correction period* for

N/A is weeks.

5 Payment

(a) The *currency of this contract* is the **South African Rand (ZAR)**.

(b) The *assessment interval* is **on the 10th of each calendar month**.

(c) The *interest rate* is **two percent** per annum above the **prime lending rate of the Standard Bank of South Africa Ltd. as determined from time to time**.

6 Compensation events

(a) The place where weather is to be recorded is at each site.

(b) The *weather measurements* to be recorded for each calendar month are

(i) the number of days with rainfall more than **10mm**

(ii) the number of days temperature below zero

- (iii) the number of days snow lying on the ground at 09h00
- (c) The *weather measurements* are supplied by the **SA Weather Service**.
- (d) The *weather data* are the records of past *weather measurements* for each calendar month which were recorded by **an official weather station nearest to each site** and which are available from **SA Weather Service**.
- (e) Where no recorded data are available

N/A

Assumed values for the ten year return *weather data* for each *weather measurement* for each calendar month are

N/A

7 Title

N/A

8 Risks and insurance

- (a) The minimum limit of indemnity for insurance in respect of loss of or damage to property (except the *works*, Plant and Materials and (not an employee of the *Contractor*) caused by activity in Equipment) and liability for bodily injury to or death of a person connection with this contract for any one event is **whatever the Contractor deems desirable in addition to that provided by the Employer**.
- (b) The minimum limit of indemnity for insurance in respect of death of or bodily injury to employees of the *Contractor* arising out of and in the course of their employment in connection with this contract for any one event is that **which is prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 as amended**.

Optional statements

(a) Arbitration

- The *arbitration procedure* is the **Rules for the Conduct of Arbitrations issued by the Association of Arbitrators (Southern Africa)** by an Arbitrator to be mutually agreed by the parties and failing agreement to be appointed by the association of Arbitrators.
- The place where arbitration is to be held is
To be advised.
- The person or organisation who will choose an Arbitrator if the Parties cannot agree a choice is **The Chairman of the Association of Arbitrators (Southern Africa)**.

- (b) The completion date for the whole of the *works* is **15 (Fifteen) months from the starting date (refer to attached indicative baseline programme)**
- (c) If the Employer is not willing to take over the works before the completion date.
- (d) If no programme is identified in part two of the Contract Data.

The *Contractor* is to submit a first programme for acceptance within **2 weeks of the Contract Date**.

(e) The *key dates* and *conditions* to be met are

condition to be met

key date

N/A

(f) The period within which payments are made is **30 days from date of invoice receipt.**

(g) These are additional *Employer's* risks

N/A

(h) The *Employer* provides these insurances from the Insurance Table

1. Insurance against loss of or damage to the *works*, Plant and Materials is **as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

Cover/indemnity is **to the extent as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

The deductibles are **as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

2. Insurance against loss of or damage to Equipment (**Temporary Works only**) as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.

Cover/indemnity is **to the extent as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

The deductibles are **as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

3. Insurance against loss of or damage to property (except the *works*, Plant, Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the *Contractor*) caused by activity in connection with this contract **as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

Cover/indemnity is **to the extent as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

The deductibles are **as stated in the insurance policy for contract works and public liability (Principal Controlled Insurance), attached to the tender documents.**

(j) The *Employer* provides these additional insurances

1. **Contract Works SASRIA insurance subject to the terms exceptions and conditions of the SASRIA coupon policy.**

Cover/indemnity is **to the extent provided by the SASRIA coupon policy**

The deductibles are in respect of each and every theft claim 0,1% of Contract Value subject to a minimum of R2 500 and a maximum of R25 000.

The Contractor provides these additional insurances

- 1 Where the Contract requires that design of any part of the *works* shall be provided by the *Contractor*, he shall satisfy the *Employer* that professional indemnity insurance cover in connection therewith has been effected.
- 2 Where the Contract involves manufacture, and/or fabrication of Plant and Materials, components or other goods to be incorporated into the *works*, at premises other than the site, the *Contractor* shall satisfy the *Employer* that such Plant and Materials, components or other goods for incorporation in the *works* are adequately insured during manufacture and/or fabrication.
- 3 Should the *Employer* have an insurable interest in such items during manufacture or fabrication, such interest shall be noted by endorsement to the *Contractor's* policies of insurance as well as those of any subcontractor.
4. The insurance coverage referred to in 1 and 2 above shall be obtained from an insurer in terms of an insurance policy approved by the *Employer*. The *Contractor* shall arrange with the insurer to submit to the *Project Manager* the original and duplicate original of the policy or policies of insurance and the receipts for payment of current premiums, together with a certificate from the insurer or insurance broker concerned, confirming that the policy or policies provide the full coverage as required. The original policy will be returned to the *Contractor*.

Option B

All Option B clauses apply with the following amplification:-

- (a) The method of measurement is **as indicated in the measurement clauses of SANS 1200.**
- (b) The last sentence of Clause 63.13 of Option B states:-
"The *Employer* and the *Contractor* agree, rates and lump sums to be used to assess a compensation event instead of Defined Cost."
- (c) When agreed rates and lump sums are used, Compensation Events are assessed as follows:-
 - (i) Where in the opinion of the *Project Manager* work is of a similar character and executed under similar conditions to work priced in the Bill of Quantities, it is to be valued at such rates and prices (including General Items) contained therein as may be applicable; or
 - (ii) Where work is not of a similar character or is not executed under similar conditions, the rates and prices in the Bill of Quantities are to be used as the basis for valuation as far as may be reasonable; or
 - (iii) Where work cannot reasonably be valued in accordance with Clauses (c)(i) and (c)(ii) above, suitable rates or prices are agreed upon between the *Project Manager* and the *Contractor* after due

consultation by the *Project Manager* with the *Employer* and the *Contractor*, or

- (iv) In respect of additional or substituted work, the *Project Manager* may, if in his opinion it is necessary or desirable, issue an instruction that the work be executed in some other appropriate manner.
- (v) If the parties cannot agree, the *Project Manager* notifies the *Contractor* accordingly and makes his own assessment.

Option X7

Delay damages is a penalty in South African Law and the word penalty is to replace delayed damages throughout the Contract.

- a) Penalty for late completion of the whole of the works is R 10,000 per day.

Option X13

- (a) The amount of the Guarantee (Performance Bond) is to be calculated as **10 % or 5%** of the tender price.

The Contractor has the option of providing the guarantee of 10% and having the retention money of 5% or providing the guarantee of 5% and having the retention money of 10% taken.

- (b) The Form of Guarantee (or Performance Bond) is in Clause C 1.3 of Part C1.

Option X16

- a) The retention percentage is 5% or 10%, depending upon the option X13.

Option X18

X18.1 The contractor's responsibility to the employer for the employer's loss is limited to 20% of the contract value.

X18.2 For any one event, the liability of the Contractor to the Employer for loss of or damage to the Employer's property is limited to R 2 million

Option Z

The additional Conditions of Contract are:-

(a) Clause 11.2 (34) – Day

Day is a calendar day and where a specific number of days is allowed in the Contract for the performance of any act or is stipulated for the extinction of any right or the duration of any event or circumstance, public holidays, weekends and the annual Christmas break from 16 December to 5 January (both days included) is included in the calculation of the number of days concerned.

(b) Clause 26 – Subcontracting

The following process will be followed in terms of subcontractors appointments:

- The specialist consultant responsible for the specific work package will prepare documentation which is to include drawings, specification and schedule of quantities that define the scope of the works all in accordance with the Principal Building Agreement.
- The Quantity Surveyor will prepare the necessary Tender document.

- The Project Manager will arrange for inviting prospective Tenderers to collect documents subject to the payment of a non-refundable document fee, if applicable.
- The Quantity Surveyor will arrange to issue the Tender documents from their offices and take receipt of the amounts paid, if applicable.
- The Tenders for the works will be submitted to the Quantity Surveyor's office in terms of the Tender closing times stipulated, unless otherwise agreed in writing.
- The Quantity Surveyor will prepare an initial financial evaluation report of the Tenders and circulate to the Contractor, The Project Manager, the Empowerment consultant, if applicable, and the relevant technical consultants for information and to enable them to prepare any necessary additional reports, all of which are to be submitted to the Project Manager.
- The Project Manager will prepare a draft report, discuss with the Contractor to get their approval and finally circulate the draft to the other consultants for final comment. Thereafter the Tender Report with Recommendations will be finalised by the Project Manager and the recommendation together with any instructions of award will be issued to the Contractor who will be responsible for appointing the relevant party as a Sub-contractor.

(b) Clause 28.1 – Intellectual property

Intellectual property rights (including patents, copyright, trade marks etc) rests with the party owning them and the *Contractor* indemnifies the *Employer* from any liability arising from infringement of such intellectual property rights. [See Clauses 80.1, 83.1 and 83.2]

(c) Clause 28.2 – Assignment & cession

Neither the *Contractor* nor the *Employer* may, without the written consent of the other, assign the Contract or any part thereof or any obligation under the Contract or cede any right or benefit thereunder.

(d) Clause 28.3 – Non-Waiver

No grant by the *Employer* or the *Contractor* to the other of any concession, waiver, condonation or allowance is, in respect of any specific event or circumstance other than that in respect of which the grant was made to constitute a waiver of the rights of the grantor in terms of the Contract or an *estoppel* of the grantor's right to enforce the provision of the Contract.

(e) Clause 28.4 – Limitation of the authority of the Project Manager.

- 1) The Project Manager is authorised to agree increases to the contract value to a maximum of 10% of the contract value or R300,000.00 whichever is the lesser amount, without referring it to the management of the Employer.

In referral to management is necessary, a period of 6 weeks over and above any times allowed in the Contract is to be provided.

(f) Option B- Clause 63.13

The last sentence of the clause to be deleted and the following

substituted: "The Employer and Contractor agree, rates and lump sums
to be used to assess a compensation event instead of Defined cost".

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C1.2 CONTRACT DATA PROVIDED BY *CONTRACTOR* (ECC3)

Part Two – Data Provided by the *Contractor*

Completion of the data in full, according to the Options chosen, is essential to create a complete contract.

Statements given in all contracts

(a) The *Contractor* is

Name

Address

(b) The *direct fee percentage* is %

(c) The *subcontracted fee percentage* is %

(d) The *working areas* are the Site and

(e) The key people are

(1) Name

Job

Responsibilities

Qualifications

Experience

(2) Name

Job
Responsibilities
Qualifications
Experience

(3) Name
Job
Responsibilities
Qualifications
Experience

(4) Name
Job
Responsibilities
Qualifications
Experience

(f) The following matters will be included in the Risk Register

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

Optional statements (a) If the *Contractor* is to provide Works Information for his design

The Works Information for the *Contractor's* design is in

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

(b) If a programme is to be identified by the Contract Data.

The programme identified in the Contract Data is

.....

(c) If the *Contractor* is to decide the *completion date* for the whole of the work

The *completion date* for the whole of works is

.....

If Option A or B is used

Data for SSCC

(a) The percentage for people overheads is%

(a) The published list of Equipment is the last edition of the list published by

(c) The percentage for adjustment for Equipment in the published list is% (state plus or minus).

(d) The rates for other Equipment are

Equipment	size or capacity	rate
.....
.....
.....
.....
.....

(e) The hourly rates for Defined Cost of design outside the Working Areas are

category of employee	hourly rate
Site / Contracts Engineer
Commissioning Engineer
Supervisor
Draughtsperson

(f) The percentage of design overheads is %

(g) The categories of design employees whose travelling expenses to and from the Working Areas are included in Defined Cost are **all of the categories listed above.**

C1.3 FORMS OF SECURITIES

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C1.3 FORMS OF SECURITIES

Pro-formas for Bonds & Guarantees

For use with the NEC3 Engineering & Construction Contract (June 2005) (ECC3)

The *conditions of contract* stated in the Contract Data Part 1 may include one or more of the following Secondary Options:

Option X4: ~~Parent company guarantee~~
Option X13: Performance Bond
Option X14: ~~Advanced payment to the Contractor~~

Each of these Secondary Options requires a bond or guarantee in the form set out in the Works Information".

Pro forma documents for these bonds and guarantee are provided here for convenience but are to be treated as part of the Works Information.

The organisation providing the bond / guarantee does so by copying the pro forma document onto his letterhead without any change to the text or format and completing the required details. The completed document is then given to the *Employer* within the time stated in the contract.

This pro forma document is available for use by the Surety on the *Employer's* web page at www.transnet.net

Drafting instructions:

1. Select the required pro formas by deleting the ones not required, then complete all the details except that which the bond / guarantee provider is required to complete.
2. There are two pro formas suitable for use with Option X13, but only one of them can be used; the Reducing Value Guarantee is generally used only for building works.
3. Then delete these drafting instructions. Delete this whole Securities section if none of the above secondary Options have been selected by the *conditions of contract*.

Pro forma Performance Bond (for use with Option X13)

(to be reproduced exactly as shown below on the letterhead of the Surety)

Transnet Freight Rail
A Division of Transnet SOC Limited
P O Box 8617
Johannesburg
2001

Date:

Dear Sirs,

Performance Bond for Contract No. SI/PROP13016CIDB

With reference to the above numbered contract made or to be made between

Transnet Freight Rail, A Division of Transnet SOC Ltd

(the *Employer*) and

{Insert registered name and address of the *Contractor*}

(the *Contractor*), for

138 Eloff street – Refurbishment of office building

(the *works*).

I/We the undersigned

on behalf of the Surety

of physical address

and duly authorised thereto do hereby bind ourselves as Surety and co-principal debtors in *solidum* for the due and faithful performance of all the terms and conditions of the Contract by the *Contractor* and for all losses, damages and expenses that may be suffered or incurred by the *Employer* as a result of non-performance of the Contract by the *Contractor*, subject to the following conditions:

1. The terms *Employer*, *Contractor*, *Project Manager*, *works* and *Defects Certificate* have the meaning as assigned to them by the *conditions of contract* stated in the Contract Data for the aforesaid Contract.
2. We renounce all benefits from the legal exceptions "Benefit of Execution and Division", "No value received" and all other exceptions which might or could be pleaded against the validity of this bond, with the meaning and effect of which exceptions we declare ourselves to be fully acquainted.
3. The *Employer* has the absolute right to arrange his affairs with the *Contractor* in any manner, which the *Employer* deems, fit and without being advised thereof the Surety shall not have the right to claim his release on account of any conduct alleged to be prejudicial to the Surety. Without derogating from the foregoing compromise, extension of the construction period, indulgence, release or variation of the *Contractor's* obligation shall not affect the validity of this performance bond.

4. This bond will lapse on the earlier of
- the date that the Surety receives a notice from the *Project Manager* stating that the last Defects Certificate has been issued, that all amounts due from the *Contractor* as certified in terms of the contract have been received by the *Employer* and that the *Contractor* has fulfilled all his obligations under the Contract, or
 - the date that the Surety issues a replacement Performance Bond for such lesser or higher amount as may be required by the *Project Manager*.
5. Always provided that this bond will not lapse in the event the Surety is notified by the *Project Manager*, (before the dates above), of the *Employer's* intention to institute claims and the particulars thereof, in which event this bond shall remain in force until all such claims are paid and settled.
6. The amount of the bond shall be payable to the *Employer* upon the *Employer's* demand and no later than 7 days following the submission to the Surety of a certificate signed by the *Project Manager* stating the amount of the *Employer's* losses, damages and expenses incurred as a result of the non-performance aforesaid. The signed certificate shall be deemed to be conclusive proof of the extent of the *Employer's* loss, damage and expense.
7. Our total liability hereunder shall not exceed the sum of _____
(say) _____
R _____
8. This Performance Bond is neither negotiable nor transferable and is governed by the laws of the Republic of South Africa, subject to the jurisdiction of the courts of the Republic of South Africa.

Signed at _____ on this _____ day of _____ 2011

Signature(s)	_____
Name(s) (printed)	_____
Position in Surety company	_____
Signature of Witness(s)	_____
Name(s) (printed)	_____

Part C1.4 Adjudicator's Contract

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CONTRACT DATA

- Statements given in all contracts**
- The *contract between the Parties* is **To be advised**.....
 - The *period of retention* is ...**N/A**..... weeks.
 - The *law of the contract* is the law of **the Republic of South Africa**
 - The *language of this contract* is **English**.....
 - The amount of the advanced payment is **N/A**.....
 - The Adjudicator's *fee* is...**To be advised**.....per hour.
 - The *interest rate* is **2%** per annum above the prime lending rate of the **Standard Bank of South Africa Ltd.**
 - The *currency of this contract* is **ZAR**.....
 - The Adjudicator's appointment terminates on (**To be advised**).....

Optional statements **If the period for payment of invoices is not three weeks**

- The period for payment of invoices is **four**.....weeks.

If additional conditions of contract are required

- The *additional conditions of contract* are

To be advised
.....
.....
.....

Part C2: Pricing Data

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TRANSNET



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

**ADDENDUM NO. 1
TO THE
BILL OF QUANTITIES**

Wherever the following Brand Names

"Rhinoboard
Masonite
Charcoal code MC 013
Nexus
Merati
Lafarge
Rhinotape"

appears in these specifications, please add the following phrase "similar approved"

TRANSNET



freight rail

Part C2

PRICING DATA

INDEX

Section	Description
C2.1	Pricing Instructions
C2.2	Specific Preliminaries
C2.3	Bill of Quantities – Civil

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PART C2.1

PRICING INSTRUCTIONS

1. The agreement is based on the NEC Engineering and Construction contract 3.
2. It will be assumed that prices included in the Bill of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for tenders.
3. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.
4. The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor's risk – quantities should thus be confirmed for correctness before ordering.
5. The amount of the Preliminaries to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount of the Preliminaries and any amount in respect of contract price adjustment if provided for in the contract.
6. The following abbreviations are used in the Bills of Quantities:

ea	=	each
m ²	=	square metre
m	=	metre
pr	=	pair
7. The prices and rates in these Bills of Quantities are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required for and for the execution of the work described in accordance with the provisions of the scope of work and shall cover liabilities and obligations set forth or implied in the Contract data, as well as profit.
8. Where the scope of work requires detailed drawings and designs or other information to be provided, all costs associated therewith are deemed to have been provided for and included in the unit rates and sum amount tendered for such items. The contractor shall provide for all work needed to make the subsection complete and any items not included by the contractor under item "Other" of the "Bill of Quantities".
9. The quantities set out in these Bills of Quantities are approximate and may not necessarily represent the actual amount of work to be done.
10. The short descriptions of the items of payment given in these Bills of Quantities are only for purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Scope of Work.
11. Tenderers shall ensure that provision (financial as well as time) for excavations in a range of soil types is made for in their tenders.
12. The total in the Bill of Quantities shall be exclusive of VAT, and shall be transferred to form C1.1 (Form of Offer and Acceptance).

PART C2.2

SPECIFIC PRELIMINARIES

1. TEMPORARY WORKS AND PLANT.

It shall be deemed that all cost associated with the provision of, including erection, dismantling, etc., of special scaffolding required for the proper execution of the work is included in the contract amount. It shall also be deemed that all cost associated with the provision of, including erection and dismantling, etc. of all scaffolding and hoisting equipment, machinery, etc. for all sub-contract work, required for the execution of the works, is included as part of the contract amount.

2. PROPRIETARY BRANDED PRODUCTS

All materials, fittings, finishes, etc. specified herein must be under a trade name, catalogue number or reference, must be exactly as described. The Project Manager's approval in writing must be obtained for the use of any alternative to the specification before the submission of Tenders otherwise the specified materials, fittings, finishings, etc. will be as assumed to have been allowed for in the Tender.

The Contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instructions after consultation with the manufacturer's authorised representative.

3. MODE OF PROCEDURE

The Contractor shall provide, at the first site meeting, a computer generated critical path programme for each section of the project. The programme shall be prepared in sufficient detail to enable the Project Manager to assess the weekly progress of the Works. The programme must clearly indicate the lead times for procurement and off-site manufacture where appropriate and key dates for information required and for the appointment of specialist sub-contractors. The programme and level of detail shall be to the entire satisfaction of the Project Manager.

No change is to be made to the programme without the approval of the Project Manager, who shall be entitled to instruct the Contractor to update and modify the programme in accordance with site circumstances, if applicable.

The programme is to be subject to the approval of the Project Manager but such approval shall in no way relieve the Contractor of his sole responsibility for the properly programming and seeing to the progress of the Works and the timeous completion thereof.

The programme is to be prominently displayed in the Site Office and copies of the programme and its supporting documentation together with all amended programmes shall be handed to the Project Manager.

The Contractor will be required to maintain, in addition to the main programme referred to above, a comprehensive fortnightly bar-chart programme expanded to reflect anticipated daily activities for the ensuing fourteen (14) days.

4. LABOUR RECORD

At the end of each week the Contractor shall provide the Project Manager with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all Subcontractors on the works each day.

5. WARRANTIES

The Contractor undertakes to perform the work in accordance with the terms and the conditions of the Contract, in a workmanlike manner, which shall include but not be limited to, complying with the manufacturers/suppliers' specifications, if applicable, in respect of goods, methods, or materials used in the performance of the work.

The Contractor further warrants that they shall use only new merchantable materials, fit for their intended purpose, as well as supervision, labour and equipment which are fit for the purpose for which they are intended.

6. EXISTING SERVICES

The Contractor shall consult the Project Manager before disconnecting any services. The Contractor shall take special care not to damage any existing services that could have been foreseen or what have been shown to him by the Project Manager or Employer's representative. Damage to these services shall be for the Contractor's account.

7. PLANT RECORD

At the end of each week the Contractor shall provide the Project Manager with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on The Works.

8. MANUFACTURER'S RECOMMENDATIONS

All commodities are to be handled, stored, used, applied and/or fixed in strict accordance with the manufacturer's instructions and recommendations and after consultation with the manufacturer's authorised representative. Should these instructions and/or recommendations conflict with other specified requirements the Project Manager must be notified timeously.

9. COMMODITIES TO BE NEW

All commodities, goods, articles or materials throughout the building are to be new except where re-use of existing is specified and are to be handled, stored, used, and/or fixed with care to ensure that they are in perfect condition when incorporated in the Works and thereafter properly protected so as to ensure that they are likewise in perfect condition when handed over at completion of the Works.

10. STANDARD OF WORKMANSHIP AND MATERIALS

In the absence of detailed specifications for any item or items, National Building Regulations, the latest applicable South African Bureau of Standard (SABS) Specifications, or where such does not exist, then the latest applicable British Standard Specification (BS) shall apply.

11. OCCUPATIONAL HEALTH AND SAFETY ACT

The Contractor shall comply with the requirements as stated in the Occupational Health and Safety Manual for construction as prepared by BIFSA or the Occupational Health and Safety specification, if included as part of the contract documents and for the duration of this contract be deemed to be the mandatory of the employer for the purposes of the Occupational Health and Safety Act No. 85 of 1993, and shall prior to taking occupation of the site, satisfy the employer by means of written representations confirming compliance with the relevant requirements of the said act.

Acceptance by the employer of the contractor's written representations in terms of the above, shall constitute an agreement in writing to the arrangements and procedures between the parties to ensure compliance by the contractor, with the provisions of the act referred to herein, for the purpose of section 37(2) of the said act.

The employer shall at all times have the right to summarily suspend the performance of the contractor hereunder pending compliance by the contractor with any requirement, regulation and/or direction referred to.

The employer shall be entitled to set-off against any amount owed to the employer by the contractor hereunder any loss or damage suffered by it (the employer) as a result of suspension of the contractor's performance in the circumstances envisaged above.

For the sake of clarity, it shall be deemed that the BIFSA documentation shall only apply in instances where no other Occupational Health and Safety Specification is included as part of the contract documents.

(Note: It shall be deemed that the contractor shall comply with the specifications included in Part C3 – Section 8 – General Specifications.)

12. GUARANTEES AND MAINTENANCE INSTRUCTIONS AND/OR MANUALS

The Contractor shall obtain and hand over to the Project Manager on practical completion, all relevant guarantees, any operating and maintenance instruction manuals, data or instructions required by the Project Manager or provided by manufacturer's or suppliers.

The Contractor shall ensure that all warranties and guarantees are received and fully ceded to the Employer on final completion.

13. PUBLICATIONS AND ADVERTISING

The Contractor shall not publish or cause to be published, any papers, articles or information relating to this contract nor display or permit to be displayed any advertisements on the site or elsewhere, in connection with this contract, without the prior permission, in writing, of the Project Manager. The Contractor shall be responsible for the observance of this clause by his employees and sub-contractors.

14. REPORTING OF ACCIDENTS

In addition to any statutory obligations, the Contractor shall, as soon as practicable, report to the Project Manager every occurrence on the works or the site causing damage to the property or injury or death to any individuals. If required by the Project

Manager, the Contractor shall submit a report in writing to the Project Manager within forty eight (48) hours of such incident setting out full details of the occurrence.

The Project Manager shall have the right to make any enquiries either on the site or elsewhere as to the cause and results of any such occurrence and the Contractor shall make available to the Project Manager the necessary facilities for carrying out such enquiries.

15. CONFIDENTIALITY

The Parties agree to consider information obtained from each other during the course of this Agreement as confidential information, and shall maintain such information as confidential indefinitely after the expiry or termination of this Agreement.

16. AS BUILT DRAWINGS

The Contractor shall accurately record the details of the electrical, mechanical, security, fire installation, water reticulation details, contractor breaks, etc., on drawings and issue same to the Project Manager and the relevant agent for record purposes.

17. FALSE DECLARATION

All information provided by the contractor is accepted in good faith as being true and accurate. Any false declaration or intentional omission of relevant facts shall be reported to the Employer, which on receipt of such report may elect to exercise its (the employer's) rights in terms of common law and/or the contract, as applicable.

18. REGULATIONS

The work shall be carried out in accordance with the requirements of Local Authority regulations that may be applicable.

The contractor shall if necessary, give notice and pay all fees, costs and rates as may be required by the Local Authority.

19. CONTRACTOR'S YARD, LATRINES, TELEPHONES, ETC.

The Contractor shall liaise with the Project Manager with regard to storage space for plant, equipment, etc.

The Contractor is responsible for security of his equipment and materials used during the contract.

No alcohol or drugs will be allowed on site neither will any person be admitted to the site if the Project Manager has any reason to believe that such person is under influence of alcohol or drugs.

The Contractor is to provide temporary sheds, latrines and telephones, etc. for the duration of the project. These facilities must be available for use to the professional team and all Contractors involved on the project.

20. DUST AND NOISE POLLUTION

The Contractor shall take all reasonable measures to minimise any dust and nuisance and inconvenience as a result of the execution of the works. The Contractor shall use suitable and effective silencing devices for pneumatic tools and other plant that would otherwise cause a noise level exceeding the level laid down by the Local Authority.

21. NOTICES, SIGNS AND ADVERTISEMENTS

The Employer reserves the right to erect notices, signs and advertisements on the site or in the vicinity of the site. The Contractor is not entitled, without written approval by the Project Manager, to display any signboard of his own. He must however allow for the standard signboard, if required by the Employer.

22. CESSIONS

Neither of the Parties may cede, delegate, assign or make over any of its rights and/or obligations in terms of this Agreement to any other third party without the prior written consent of the other Party.

23. ACCESS FOR PERSONNEL

No unauthorised persons are allowed on site unless authorised by the Project Manager in writing. No persons are allowed access to any portion of the existing buildings, if applicable, other than the agreed entrance and exit routes, unless authorised by the Project Manager in writing.

24. SAFETY HELMETS

The Contractor shall provide and keep on site an adequate supply of clean safety helmets for the use of all professional personnel and all authorised visitors.

25. SPECIAL TASKS

The Employer shall have the right to employ other Contractors to execute any special tasks whether contained in this Contract or not, concurrently with the works being executed under this Contract.

The Contractor shall not be entitled to any profit and/or builder's discount on the value of any work executed by other contractors but shall nevertheless allow the other contractors and the Employer's employees to have access to the Works, allocate reasonable space for the storage of their materials, tools and equipment.

Without in any way detracting from the generality of or limiting the above, the Contractor is advised that the Special Tasks will be carried out by the Employer and other contractors and the value of such work shall not be included in this contract.

26. OVERTIME

The Contractor is to note that all rates are inclusive of overtime work allowance and no additional costs for overtime work will be entertained.

27. INTERPRETATION OF THE DRAWINGS, SPECIFICATIONS AND BILLS OF QUANTITIES.

The Contractor shall be held solely responsible for and shall, at his own expense, rectify any errors arising out of the incorrect interpretation of the Drawings, Specifications, Bills of Quantities or instructions.

Should any part of the Drawings, Specifications or Bills of Quantities not be clearly intelligible to the Contractor, or the material or articles to be used in the execution of the Works be considered insufficiently described or the manner in which the work is to be carried out not clear, the Contractor must obtain from the Project Manager the necessary information to clarify such Drawings, Specifications, Bills of Quantities or instructions, which request shall be in writing.

All drawings, whatever their origin, are to be issued to the site or to any other person or persons only through the Project Manager's office and shall bear the Project Manager's office stamp and signature and an up to date register of all drawings issued to the contractor shall be kept on the works. Any other drawings used on the site will be used at the contractor's risk and should any work be incorrect due to the use of unauthorized drawings the cost of rectifying such work shall be for the contractor's account.

All drawings used on the works shall be properly mounted on suitable sheet material or otherwise protected and kept in good condition. Any drawings becoming bleached or otherwise obscured so that they cannot be properly read shall be returned to the Project Manager for replacement. As any errors due to misreading of damaged or obscured drawings shall be made good by the contractor at his own expense.

28. WORKING DAYS AND HOURS

The Tenderer is advised that the definition of "Working Days" has been amended to include Saturday and Sunday as normal working days. Further, the working hours shall mean 24 / 7 (Twenty four hours a day for seven days a week for the complete duration of the contract). The Tenderer is to allow for all costs associated with this clause and to allow for same in his Construction Programme.

29. JOBBING AND SITE RECORDS

Each trade shall perform all necessary jobbing and attendance and shall make good after all other trades.

Site Records

The Contractor shall keep a record in triplicate on site, the following:

- A daily record of work done.
- A daily record of all visits to site by any of the Employer's Agents.
- A daily record of all contract instructions issued by the Project Manager and/or any other Agent.

Copies of these records are to be forwarded to the Project Manager on a weekly basis.

30. SUPERVISION BY EMPLOYER'S AGENTS

Supervision by the Project Manager and other Agents is intended as a means of checking the interpretation of work done and providing clarification and further information where required during the progress of the work. Supervision shall not in any way relieve the contractor of his responsibility for ensuring that the work is carried out satisfactorily in all aspects, in good time and in accordance with the contract.

Although the Project Manager and other agents will make spot checks from time to time on dimensions and levels as the work proceeds, checking of the setting out, dimensions, levels and positioning of all items is the contractor's responsibility and should any errors occur during the course of or be found after completion of the works, the cost for remedying same will be for the Contractor's account.

31. PARTNERING

The employer, its agents and the contractor shall act as stated in the contract and in the spirit of mutual trust and co-operation. In this regard, it is a specific requirement that all the contractor's personnel provide reasonable assistance that may be required by the employer and/or its agents in order for them to assist in bringing the works to completion with due skill, diligence, regularity and expedition. In turn, the employer and its agents shall also provide assistance to the contractor to execute the works with due skill, diligence, regularity and expedition.

32. COPIES OF REVISED DRAWINGS ISSUED AS CONTRACT INSTRUCTIONS

The contractor acknowledges that only one copy of any revised drawings shall be issued as contract instructions. In this regard, it shall be the contractor's responsibility for producing any additional copies that may be required for either internal use or for issue to any sub-contractor/s. It shall be deemed that the contractor has allowed for all costs necessary to ensure compliance with this clause in the contract amount.

33. CONTRACTOR TO DELAY ACTIVITIES AT THE REQUEST OF THE PROJECT MANAGER

The contractor may be called upon from time to time to cease certain building activities as required by the employer. In this regard, the contractor shall cease such activities for the period as agreed with the Project Manager. In this regard, the contractor shall provide all reasonable assistance necessary to ensure compliance with this clause as well as to minimize the impact of such a request.

34. PROVISIONAL SUMS AND BUDGETARY ALLOWANCES

These amounts have been included in the Contract Sum where the work has not been defined at the date of Tender. It is intended that once the scope is defined, Tenders will be invited in terms of the process outlined below with a view to these works being awarded as Subcontract works.

- The specialist consultant responsible for the specific work package will prepare documentation which is to include drawings, specification and schedule of quantities that define the scope of the works all in accordance with the Principal Building Agreement.
- The Quantity Surveyor will prepare the necessary Tender document.

- The Project Manager will arrange for inviting prospective Tenderers to collect documents subject to the payment of a non-refundable document fee, if applicable.
- The Quantity Surveyor will arrange to issue the Tender documents from their offices and take receipt of the amounts paid.
- The Tenders for the works will be submitted to the Quantity Surveyor's office in terms of the Tender closing times stipulated, unless otherwise agreed in writing.
- The Quantity Surveyor will prepare an initial financial evaluation report of the Tenders and circulate to the Principal Building Contractor, The Project Manager, the Empowerment consultant, if applicable, and the relevant technical consultants for information and to enable them to prepare any necessary additional reports, all of which are to be submitted to the Project Manager.
- The Project Manager will prepare a draft report, discuss with the Principal Building Contractor to get their approval and finally circulate the draft to the other consultants for final comment. Thereafter the Tender Report with Recommendations will be finalised by the Project Manager, circulate to the Employer for approval. On approval, the recommendation together with any instructions of award will be issued to the Principal Contractor who will be responsible for appointing the relevant party as a Sub-contractor.

35. SITE ACCESS FOR AND MANAGEMENT OF DIRECT CONTRACTS

The contractor shall allow direct contractors appointed by the employer to access the site to execute work which does not form part of the principal building agreement, concurrently with that of its (the principal building contractor), work. In this regard, the contractor shall provide any necessary assistance (e.g. Ensuring placement of material orders, monitoring the manufacturing process, monitoring of raw materials availability, programming of works, etc.), to the Project Manager in respect of management of any direct contracts. In this regard, it shall be deemed that all allowances have been made in the Contract Amount to ensure compliance with this clause.

36. AVAILABILITY OF MANAGEMENT PERSONNEL

It shall be deemed that the Contractor has allowed in the Contract Amount for the Contracts Manager, Project Planner, Senior Quantity Surveyor and a responsible representative for the management of direct contracts, throughout the duration of the contract. Such persons are to be available to attend meetings to resolve any contractual and other related issues within 4 (Four) hours on receipt of notice, either written or verbal, from the Project Manager.

37. ENVIRONMENTAL QUALITY

The contractor shall at all times during the construction period ensure that the construction site complies with the statutory obligations in terms of fire, ventilation (smoke, exhaust fumes, etc.), air quality, temperature, water quality, sanitation,

hygiene, etc., as well as any requirements set out in an Environmental Management Plan, if available.

38. ORDERING OF MATERIALS

Should the contractor utilize the bills of quantities for ordering materials, it shall be entirely at its (the contractor's) own risk.

The contractor shall take all reasonable steps to ensure that the specified materials and components required for the works are available for construction in accordance with the applicable construction programme.

Should any of the materials and components be available or likely to be unavailable when required, the contractor shall without delay notify the Project Manager, in writing, who shall decide on the procedure to be followed.

39. ENCROACHMENTS

After the site boundaries or beacons have been pointed out to the contractor, if (the contractor) is to notify the Project Manager if any encroachments of adjoining foundations, buildings, structures, pavements, etc., exist, so that the necessary arrangements can be made for the rectification of any such encroachment.

During the course of the building operations, the contractor will be held entirely responsible for any encroachment onto any adjoining properties or servitude's and the cost of any remedial measures as required by the Project Manager shall be borne by the contractor unless the Project Manager shall decide otherwise.

40. DOCUMENTS

Should any part of a drawing not be clearly intelligible to the contractor or the manner in which the works is to be carried out not be clear, the contractor shall request the Project Manager to clarify his requirements, which request and reply shall be in writing, failing which the contractor will be held responsible for any incorrect interpretation and shall, at his own expense, rectify any errors.

41. CONTRACT INSTRUCTIONS

Contract instructions issued on site are to be recorded in the site instruction book which is to be maintained on site by the contractor.

42. DOMESTIC SUB-CONTRACTORS

The contractor shall not be permitted to substitute any domestic sub-contractor proposed at the time of contract award without written permission from the Project Manager during the contract execution stage. Such permission shall not be unreasonably withheld, provided that the contractor provides a detailed motivation for the substitution and the Project Manager is allowed to verify the motivation with the sub-contractor concerned..

43. INSPECTION OF EXISTING WORKS

It shall be deemed that the contractor prior to contract commencement has inspected the existing works done by others and has satisfied itself (the contractor) that there are no latent defects and accordingly acknowledges that any defects not pointed out to the Project Manager at site handover, shall fall under the responsibility of the contractor to remedy and that the cost for such remedial work is deemed to be included in the contract amount.

44. DISPOSAL OF WASTE MATERIAL, ETC.

The contractor shall provide appropriate equipment (such as chutes, if required), etc., for the rapid removal of waste material, etc., at points as agreed with the Project Manager in writing. In addition, the contractor is to provide for adequate waste skips for the disposal of such material to be located in positions as advised by the Project Manager in writing.

The contractor shall ensure that there is a maximum of a twenty four (24) hour turn around time for the removal of all full waste skips from site. The contractor further acknowledges that the employer reserves the right to appoint others to remove waste material and waste skips from site, should the contractor fail to meet the twenty four (24) hour turn around time and that such costs shall be deducted from amounts due to the contractor.

45. DAMAGE TO EXISTING INSTALLATIONS

The contractor shall be responsible for replacing and/or repairing any existing work damaged by itself and its sub-contractors whilst executing the contract at its own cost.

46. ACCESS FOR MOVEMENT OF MATERIAL TO THE SITE AND WORK ACCESS

The contractor acknowledges that it shall only be permitted to move materials and access the works areas at locations/ positions agreed with and documented by the Project Manager.

It will be deemed that the contractor has allowed for hoisting facilities as may be required for the building works. No claims for extras in this regard will be entertained at any later date.

47. LOCAL LABOUR

It is deemed that the contractor shall as far as possible maximise the use of labour from the area in which the project is located.

48. BLACK ECONOMIC EMPOWERMENT

The contractor shall comply with the Employers Black Economic Empowerment Policies.

49. SAMPLES

All material samples and colour samples must be submitted to the Project Manager for selections and approval of the colour, shape and finish including Mechanical, Electrical and Plumbing equipment that will be visible. The samples shall be provided

in A4 size unless otherwise agreed. General samples shall be provided for Project Manager/Employer to choose from each type of finish.

The Project Manager/Employer may reject all or part of the submitted samples and request for additional selections if the first submission are not acceptable.

All samples must be kept in a sample room to be provided by the Contractor for reference.

50. SAMPLES BOARD

The Contractor shall provide a board(s) of approved samples and make available one set at the site (sample room) and one for the Employer.

51. MOCK - UP

The Contractor shall provide a mock – up of all finished surfaces prior to commencement of the relevant work. The contractor shall only be permitted to commence with the relevant scope of work, on approval of the mock – up by the Project Manager or its designated representative.

52. PROVISION OF HOISTING FACILITIES, DUST BARRIERS, ETC.

It shall be deemed that the contract price is inclusive of the following:

- The provision of all Hoisting equipment, as required.
- All hard wearing and strengthen dust barriers of uniform colour and specification, as required.
- The provision of all hoarding, 2.4m high which must be constructed of shutter boards (painted black in colour) of equal lengths and heights.

53. COMPLIANCE WITH THE ENVIRONMENTAL POLICY

It shall be deemed that the contract sum is inclusive of all cost associated with the compliance and provisions of all Environmental Policy included herewith.

TRANSNET FREIGHT RAIL

BILLS OF QUANTITIES

FOR

138 ELOFF STREET – REFURBISHMENT OF OFFICE BUILDING

"PREVIEW COPY ONLY"

Item No		Quantity	Rate	Amount
	<u>BILL NO. 1</u>			
	<u>PRELIMINARIES</u>			
	<u>SECTION A: NEC 3 ENGINEERING AND CONSTRUCTION CONTRACT</u>			
	<u>NOTES</u>			
	The agreement is to be the NEC 3 Engineering and Construction Contract June 2005 Edition as amended in the Special Conditions of Contract, shall be applicable to this contract			
	Tenderers are referred to the above mentioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.			
	Where standard clauses or alternatives are not entirely applicable to this contract, such modifications, corrections or supplements as will apply are given under each relevant clause heading.			
	Where any key item is not relevant to this specific contract such item is marked N/A or NOT APPLICABLE.			
	<u>General</u>			
1/1/1	Actions (10).	Item		
1/1/2	Identified and Defined Terms (11).	Item		
1/1/3	Law (12).	Item		
1/1/4	Communications (13).	Item		
1/1/5	The Project Manager and the Supervisor (14).	Item		
1/1/6	Adding to the Work Areas (15).	Item		
1/1/7	Early Warning (16).	Item		
1/1/8	Ambiguities and Inconsistencies (17).	Item		
	Carried Forward		R	
	Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES			
	Part C.2.3 - Bills of Quantities Pricing Data: Civil			
				C2.3 Bill of Quantities

Brought Forward		R
1/1/9	Illegal and Impossible Requirements (18).	Item
1/1/10	Prevention (19).	Item
<u>The Contractor's Main Responsibilities</u>		
1/1/11	Providing the Works (20).	Item
1/1/12	The Contractor's Design (21).	Item
1/1/13	Using the Contractor's Design (22).	Item
1/1/14	Design of Equipment (23).	Item
1/1/15	People (24).	Item
1/1/16	Working with the Employer and Others (25).	Item
1/1/17	Subcontracting (26).	Item
1/1/18	Other Responsibilities (27).	Item
<u>Time</u>		
1/1/19	Starting, Completion and Key Dates (30).	Item
1/1/20	Programme (31).	Item
1/1/21	Revising the Programme (32).	Item
1/1/22	Access to and Use of the Site (33).	Item
1/1/23	Instructions to Stop or not to Start Work (34).	Item
1/1/24	Take Over (35).	Item
1/1/25	Acceleration (36).	Item
<u>Testing and Defects</u>		
1/1/26	Test and Inspections (40).	Item
1/1/27	Testing and Inspection before Delivery (41).	Item
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES		R
Carried Forward		
Part C.2.3 - Bills of Quantities Pricing Data: Civil		
Contract Part C2: Pricing Data		C2.3 Bill of Quantities

Brought Forward		R
1/1/28	Searching for and Notifying Defects (42).	Item
1/1/29	Correcting Defects (43).	Item
1/1/30	Accepting Defects (44).	Item
1/1/31	Uncorrected Defects (45).	Item
<u>Payment</u>		
1/1/32	Assessing the Amount of Due (50).	Item
1/1/33	Payment (51).	Item
1/1/34	Defined Cost (52).	Item
<u>Compensation Events</u>		
1/1/35	Compensation Events (60).	Item
1/1/36	Notifying Compensation Events (61).	Item
1/1/37	Quotations for Compensation Events (62).	Item
1/1/38	Assessing Compensation Events (63).	Item
1/1/39	The Project Manager's Assessments (64).	Item
1/1/40	Implementing Compensation Events (65).	Item
<u>Title</u>		
1/1/41	The Employer's Title to Plant and Materials (70).	Item
1/1/42	Marking Equipment, Plant and Materials Outside the Working Areas (71).	Item
1/1/43	Removing Equipment (72).	Item
1/1/44	Objects and Materials within the Site (73).	Item
Carried Forward		R
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES		
Part C.2.3 - Bills of Quantities Pricing Data: Civil		
Contract Part C2: Pricing Data		C2.3 Bill of Quantities

Brought Forward		R
<u>Risks and Insurance</u>		
1/1/45	Employer's Risks (80).	Item
1/1/46	Contractor's Risks (81).	Item
1/1/47	Repairs (82).	Item
1/1/48	Indemnity (83).	Item
1/1/49	Insurance Cover (84).	Item
1/1/50	Insurance Policies (85).	Item
1/1/51	If the Contractor does not Insure (86).	Item
1/1/52	Insurance by the Employer (87).	Item
<u>Termination</u>		
1/1/53	Termination (90).	Item
1/1/54	Reasons for Termination (91).	Item
1/1/55	Procedures on Termination (92).	Item
1/1/56	Payment on Termination (93).	Item
<u>SECTION B: SPECIFIC PRELIMINARIES</u>		
1/1/57	Specific Preliminaries	Item
1/1/58	Contract Data.	Item
Section No. 1 PRELIMINARIES Bill No. 1 PRELIMINARIES		R
Part C.2.3 - Bills of Quantities Pricing Data: Civil		
Contract Part C2: Pricing Data		C2.3 Bill of Quantities

Item No		Quantity	Rate	Amount
BILL NO. 1				
<u>ALTERATIONS</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition).				
<u>TEMPORARY BARRIERS, SCREENS, ETC</u>				
<u>NOTE:</u>				
The dust screens measured below are above the allowance made by the Tenderer for dust screens in his Preliminaries. These dust screens are to be installed as directed by the Client or his duly appointed Representative only.				
<u>Temporary barriers, screens, etc including removal</u>				
2/1/1	Dust screen 3000mm high between concrete floor and ceiling formed of suitable timber framing with 250 micron polyethylene sheeting stapled on including corners, ends, etc	m	170	
<u>REMOVAL OF EXISTING WORK</u>				
<u>Breaking down and removing brickwork, etc.</u>				
2/1/2	Half brick wall	m2	196	
2/1/3	One brick wall	m2	213	
<u>Taking out and removing doors, windows, etc. including thresholds, sills etc and building up openings in brick walls including making good cement plaster on other both side</u>				
2/1/4	Timber single door including steel frame not exceeding 2,5m2 from half brick wall	No	103	
2/1/5	Timber double door including steel frame not exceeding 5m2 from half brick wall	No	3	
2/1/6	Timber single door including steel frame not exceeding 2,5m2 from one brick wall	No	10	
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 1 ALTERATIONS				
Part C.2.3 - Bills of Quantities Pricing Data: Civil				
				C2.3 Bill of Quantities

Brought Forward			R
2/1/7	Single steel gate including steel frame not exceeding 5m2 from one brick wall	No	2
2/1/8	Glazed aluminium shopfront	m2	50
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>			
2/1/9	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	3 068
2/1/10	1200 x 600 Suspended ceiling including exposed tee suspension system including main and cross tees, necessary hangers, grids, etc	m2	9 235
2/1/11	Drywall partitioning 2800mm high including doors, ironmongery, glazed borrowed lights, etc.	m	321
2/1/12	Drywall partitioning 3600mm high including doors, ironmongery, glazed borrowed lights, etc.	m	2 187
<u>Taking out and removing sundry joinery work</u>			
2/1/13	Timber skirtings from brickwork	m	4 450
<u>Taking out and removing joinery fittings, etc.</u>			
2/1/14	Timber sink cupboard 650 wide x 750mm high including disconnecting waste pipe, etc.	m	34
2/1/15	Timber cupboard unit 650mm wide x 1250mm high	m	71
<u>Hacking up/off and removing floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes and making good defects in existing screeded floor with cementitious compound</u>			
2/1/16	Ceramic tiles to floors	m2	4 742
2/1/17	Carpet tiles to floors	m2	7 531
2/1/18	Ceramic tiles to walls	m2	3 784
Carried Forward			R
Section No. 2 SUPERSTRUCTURE Bill No. 1 ALTERATIONS			
Part C.2.3 - Bills of Quantities Pricing Data: Civil			
			C2.3 Bill of Quantities

Brought Forward			R
<u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes</u>			
2/1/19	Vitreous china drop in wash hand basin	No	89
2/1/20	Vitreous china WC pan with flush valve	No	47
2/1/21	Vitreous china wall hung urinal with flush valve	No	47
<u>Taking off and removing sanitary accessories and preparing concrete or brick surfaces for new plaster or tile finishes</u>			
2/1/22	Soap dispenser	No	180
2/1/23	Paper towel dispenser	No	92
2/1/24	Toilet roll holder	No	92
<u>Taking out and removing piping, fire protection fittings, etc including disconnecting piping from fittings and making good floor and wall finishes</u>			
2/1/25	Fire hose reel including all valves, stop cocks, etc.	No	34
<u>Taking out and removing glass and mirrors</u>			
2/1/26	Mirror 650 x 650mm high from wall	No	89
<u>Taking out and removing blinds</u>			
2/1/27	Vertical fabric blind including tracks, etc.	m2	3 446
Carried Forward to Summary of Section No. 2			R
Section No. 2 SUPERSTRUCTURE Bill No. 1 ALTERATIONS			
Part C.2.3 - Bills of Quantities Pricing Data: Civil			
Contract Part C2: Pricing Data			C2.3 Bill of Quantities

TRANSNET



No		Quantity	Rate	Amount
Item	<p><u>BILL NO. 2</u></p> <p><u>MASONRY</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition).</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>NOTE</u></p> <p>Brickwork rates are to include, where applicable for return bricks at window and door reveals, lintels, etc., galvanized 'Z' ties every third course at 900mm centres and shall where applicable include for forming preformed openings to receive aluminium windows, doors, etc.</p> <p>Unless otherwise stated, all brickwork is to be built in stretcher bond.</p> <p>Wire ties will be as described in the Model Preambles.</p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, 'one brick' shall represent the length and 'half brick' the width of a brick.</p> <p><u>Hollow walls, etc.</u></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpendicular of the bottom course of the external skin open as a weep hole.</p> <p>Walls in two skins described as 'bagged and sealed' shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats 'Brixal' bitumen emulsion waterproofing coating.</p> <p>Carried Forward</p> <p>Section No. 2 SUPERSTRUCTURE Bill No. 2 MASONRY</p> <p>Part C.2.3 - Bills of Quantities Pricing Data: Civil</p>			
			R	
				C2.3 Bill of Quantities

Brought Forward

R

Face bricks

Bricks shall be ordered timeously to obtain uniformity in size and colour.

Pointing

Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.

BRICKWORK IN SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

2/2/1	Half brick wall	m2	139
2/2/2	One brick wall	m2	162

BRICKWORK SUNDRIES

Brickwork reinforcement

2/2/3	75mm Wide reinforcement built in horizontally	m	556
2/2/4	150mm Wide reinforcement built in horizontally	m	648

Prestressed fabricated lintels

2/2/5	100 x 70mm Lintels in lengths not exceeding 3m	m	394
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Turning pieces

2/2/6	230mm Wide turning piece to lintels, etc.	m	197
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Carried Forward to Summary of Section No. 2

Section No. 2
SUPERSTRUCTURE
Bill No. 2
MASONRY

Part C.2.3 - Bills of Quantities
Pricing Data: Civil

R

Contract
Part C2: Pricing Data

Brought Forward

R

Item		Quantity	Rate	Amount
	<u>Semi-solid flush panel door finished both sides with masonite veneer suitable for painting</u>			
2/3/2	40mm Semi-solid flush panel single door 813 x 2400mm high with masonite on both sides and hardwood edge strips to vertical edges	No 144		
2/3/3	40mm Semi-solid flush panel double door 1600 x 2400mm high with masonite on both sides and hardwood edge strips to vertical edges	No 5		
	<u>FIRE DOORS, ETC.</u>			
	<u>40mm Class B two hour rated fire door</u>			
2/3/4	Single door 813 x 2400mm high hung to steel frame to fit half brick wall	No 12		
2/3/5	Single door 813 x 2400mm high hung to steel frame to fit one brick wall	No 18		
	<u>FRAMED FRAMES, ETC.</u>			
	<u>Wrought meranti</u>			
2/3/6	90 x 55mm Rebated frames plugged	m 869		
Carried Forward to Summary of Section No. 2				R
Section No. 2 SUPERSTRUCTURE Bill No. 3 CARPENTRY AND JOINERY				
Part C.2.3 - Bills of Quantities Pricing Data: Civil				
				C2.3 Bill of Quantities

Item No Item	Quantity	Rate	Amount
Quantity	Rate	Amount	
<u>BILL NO. 4</u>			
<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition).			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions:</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
All manufacturing, installations, etc. as per AAMSA and SABISA (South African Building Interior Systems Associations) guidelines			
All joints to be taped and joined accordingly to manufacturers specifications to receive paint elsewhere measured.			
<u>NAILED UP CEILINGS</u>			
<u>9.5mm Plasterboard ceiling</u>			
2/4/1	Taper edge gypsum plaster board ceilings fixed to and including to "safer" screw-up suspension system with "RhinoTape" over joints and the whole area finished with gypsum skim plaster trowelled to a smooth polished surface	m2	1 833
<u>Plasterboard cornices</u>			
2/4/2	Shadowline plaster trim cornice	m	3 150
<u>SUSPENDED CEILINGS</u>			
Carried Forward			R
Section No. 2 SUPERSTRUCTURE Bill No. 4 CEILINGS, PARTITIONS AND ACCESS FLOORING Part C.2.3 - Bills of Quantities Pricing Data: Civil			
			C2.3 Bill of Quantities

Contract
Part C2: Pricing Data

Item	Brought Forward	Quantity	Rate R	Amount
Standard drywall to underside of concrete slab to create a sealed unit to prevent sound transmission, standard 89mm width single skin half hour fire rated drywall partition consisting of 63,5mm galvanised drywall steel studs inserted at 600mm centres into 63,5mm steel top and bottom track and clad both sides with 1 layer of 12,5mm taper edge gypsum board with 50mm cavity Batts in cavity and fixed with 25mm drywall screws spaced at 220mm centres. All external corners to receive 0,6mm galvanised steel corner bead, including 50mm thick mineral wool insulation				
2/4/9	Partitioning 3600mm high with bottom and top tracks plugged	m	42	
2/4/10	Extra over partition 3600mm high for vertical abutment	No	9	
2/4/11	Extra over partition 3600mm high for corner	No	7	
2/4/12	Extra over partition 3600mm high for T-intersection	No	5	
2/4/13	Extra over partition 3600mm high for fair end	No	6	
Moisture resistant drywall to underside of ceiling tile or plasterboard ceiling with overall thickness 60mm, consisting of 63,5mm galvanised drywall steel studs inserted at 600mm centres into 63,5mm steel top and bottom tracks as per detail 01 and clad both sides with a single sheet of 12,5mm taper edge moisture resistant gypsum board fixed with 25mm drywall screws spaced at 220mm centres. All external corners to receive 0,6mm galvanised steel corner bead including 50mm thick mineral wool insulation				
2/4/14	Partitioning 3000mm high with bottom and top tracks plugged	m	71	
2/4/15	Extra over partition 3000mm high for vertical abutment	No	12	
2/4/16	Extra over partition 3000mm high for corner	No	9	
2/4/17	Extra over partition 3000mm high for T-intersection	No	11	
2/4/18	Extra over partition 3000mm high for fair end	No	10	
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 4 CEILINGS, PARTITIONS AND ACCESS FLOORING Part C.2.3 - Bills of Quantities Pricing Data: Civil				
				C2.3 Bill of Quantities

Item	Brought Forward	Quantity	Rate R	Amount
<u>Moisture resistant drywall to underside of concrete slab to create a sealed unit to prevent sound transmission, standard 89mm width single skin half hour fire rated drywall partition consisting of 63,5mm galvanised drywall steel studs inserted at 600mm centres into 63,5mm steel top and bottom track and clad both sides with 1 layer of 12,5mm taper edge moisture resistant gypsum board with 50mm cavity Batts in cavity and fixed with 25mm drywall screws spaced at 220mm centres. All external corners to receive 0,6mm galvanised steel corner bead, including 50mm thick mineral wool insulation</u>				
2/4/19	Partitioning 3600mm high with bottom and top tracks plugged	m	105	
2/4/20	Extra over partition 3600mm high for vertical abutment	No	18	
2/4/21	Extra over partition 3600mm high for corner	No	15	
2/4/22	Extra over partition 3600mm high for T-intersection	No	13	
2/4/23	Extra over partition 3600mm high for fair end	No	14	
<u>Accoustic drywall to underside of concrete slab to create a sealed unit to prevent sound transmission, standard 95mm width single skin half hour fire rated drywall partition consisting of 63,5mm galvanised drywall steel studs inserted at 600mm centres into 63,5mm steel top and bottom track and clad both sides with 1 layer of 12,5mm taper edge sound insulation & reduction (57db) gypsum board with 63mm cavity Batts in cavity and fixed with 25mm drywall screws spaced at 220mm centres. All external corners to receive 0,6mm galvanised steel corner bead, including 50mm thick mineral wool insulation</u>				
2/4/24	Partitioning 3600mm high with bottom and top tracks plugged	m	213	
2/4/25	Extra over partition 3600mm high for vertical abutment	No	36	
2/4/26	Extra over partition 3600mm high for corner	No	31	
2/4/27	Extra over partition 3600mm high for T-intersection	No	25	
2/4/28	Extra over partition 3600mm high for fair end	No	6	
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 4 CEILINGS, PARTITIONS AND ACCESS FLOORING Part C.2.3 - Bills of Quantities Pricing Data: Civil				
				C2.3 Bill of Quantities

Contract
Part C2: Pricing Data

Brought Forward		R		
Item		Quantity	Rate	Amount
<u>Take delivery of and install internal aluminium shopfronts, etc. within partitioning including additional studding, trimming, etc.</u>				
2/4/37	Extra over partition for 650 x 3000 single aluminium framed and glazed screen	No 3		
2/4/38	Extra over partition for 900 x 3000 single aluminium framed and glazed screen	No 4		
2/4/39	Extra over partition for 1200 x 3000 single aluminium framed and glazed screen	No 2		
2/4/40	Extra over partition for 1668 x 3000 single aluminium framed and glazed screen	No 11		
2/4/41	Extra over partition for 2000 x 3000 single aluminium framed and glazed screen	No 13		
2/4/42	Extra over partition for 2600 x 3000 single aluminium framed and glazed screen	No 9		
2/4/43	Extra over partition for 2980 x 3000 single aluminium framed and glazed screen	No 4		
2/4/44	Extra over partition for 3305 x 3000 single aluminium framed and glazed screen	No 2		
2/4/45	Extra over partition for 3598 x 3000 single aluminium framed and glazed screen	No 3		
2/4/46	Extra over partition for 3926 x 3000 single aluminium framed and glazed screen	No 22		
2/4/47	Extra over partition for 4377 x 3000 single aluminium framed and glazed screen	No 3		
2/4/48	Extra over partition for 4504 x 3000 single aluminium framed and glazed screen	No 1		
2/4/49	Extra over partition for 5524 x 3000 single aluminium framed and glazed screen	No 1		
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 4 CEILINGS, PARTITIONS AND ACCESS FLOORING Part C.2.3 - Bills of Quantities Pricing Data: Civil				
			C2.3	
			Bill of Quantities	

Item	Brought Forward	Quantity	Rate R	Amount
2/4/50	Extra over partition for 5905 x 3000 single aluminium framed and glazed screen	No 2		
2/4/51	Extra over partition for 6099 x 3000 single aluminium framed and glazed screen	No 1		

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Carried Forward to Summary of Section No. 2

Section No. 2
SUPERSTRUCTURE
Bill No. 4

CEILINGS, PARTITIONS AND ACCESS FLOORING

Part C.2.3 - Bills of Quantities

Pricing Data: Civil

R

Item No		Quantity	Rate	
Item		Quantity	Rate	Amount
<u>BILL NO. 5</u>				
<u>FLOOR COVERINGS, PLASTIC LININGS, ETC.</u>				
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition).				
<u>SUPPLEMENTARY PREAMBLES</u>				
<u>Fixing</u>				
Floor coverings shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring				
<u>FLOOR COVERINGS</u>				
<u>330mm x 330mm "Floorworks" homogenous Super Flex tile range Polyflex plus (Charcoal Code MC013)</u>				
2/5/1	2mm Thick tiles to floors	m2	2 488	
<u>500 x 500 mm "Nexus Berber Point 920 Nexbac" polypropylene carpet tiles (Colour Charcoal)</u>				
2/5/2	On floors	m2	3 159	
<u>500 x 500 mm "Nexus Berber Point 920 Nexbac" polypropylene carpet tiles (Colour Senegal)</u>				
2/5/3	On floors	m2	2 989	
<u>"Nexus" Westminster tufted cut pile carpet including 1000gsm underfelt (Colour Coal City)</u>				
2/5/4	On floors	m2	1 230	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
SUPERSTRUCTURE				
Bill No. 5				
FLOOR COVERINGS				
Part C.2.3 - Bills of Quantities				
Pricing Data: Civil				
Contract				C2.3
Part C2: Pricing Data				Bill of Quantities

Item No		Quantity	Rate	
Item	BILL NO. 6	Quantity	Rate	Amount
	<u>PLASTERING</u>			
	The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
	<u>SCREEDS</u>			
	<u>Screeds on concrete</u>			
2/6/1	25mm Thick on floors and landings	m2	4 742	
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork or concrete</u>			
2/6/2	On walls	m2	602	
2/6/3	On narrow widths	m2	92	
	<u>Gypsum skim plaster on concrete</u>			
2/6/4	On previously plastered and painted walls	m2	1 598	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
SUPERSTRUCTURE				
Bill No. 6				
PLASTERING				
Part C.2.3 - Bills of Quantities				
Pricing Data: Civil				
				C2.3
				Bill of Quantities

Item No	Quantity	Rate	Amount
Item	Quantity	Rate	Amount
<u>BILL NO. 7</u>			
<u>TILING</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions</u>			
Unless described as "fixed with adhesive to plaster (plaster elsewhere measured)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors, etc. shall be deemed to include cement screed bedding			
<u>WALL TILING</u>			
<u>300 x 600mm x 12mm Thick porcelain tile (Allow PC Amount of R350,00/m2 for supply of the tile) fixed with adhesive to plaster (plaster elsewhere measured) as per manufacturer's specifications and flush pointed with light grey waterproof jointing compound as per manufacturer's installation instructions</u>			
2/7/1	On walls	m2	2 268
2/7/2	On narrow widths	m2	235
2/7/3	Fair exposed cutting and fitting around pipe not exceeding 50 mm internal diameter	No	82
2/7/4	Fair exposed cutting and fitting around pipe exceeding 50mm but not exceeding 200mm internal diameter	No	82
2/7/5	Fair exposed cutting and fitting around pipe exceeding 200mm but not exceeding 350mm internal diameter	No	44
<u>FLOOR TILING</u>			
Carried Forward			R
Section No. 2 SUPERSTRUCTURE Bill No. 7 TILING			
Part C.2.3 - Bills of Quantities Pricing Data: Civil			
Contract Part C2: Pricing Data			C2.3 Bill of Quantities

R

mm High tile skirting

m

320

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R

Part C.2.3 - Bills of Quantities
Pricing Data: Civil

C2.3
Bill of Quantities

Item No	Quantity	Rate	Amount
Item	Quantity	Rate	Amount
<u>BILL NO. 8</u>			
<u>PAINTWORK</u>			
The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>PREPARATORY WORK TO EXISTING WORK</u>			
<u>Previously painted plastered surfaces</u>			
Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<u>Previously painted wood surfaces</u>			
Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u>			
<u>FLOATED PLASTER SURFACES WITH</u>			
<u>Prepare existing painted surface, apply one coat undercoat and two coats acrylic PVA paint on</u>			
2/8/1 Internal walls	m2	17 598	
<u>ON METAL</u>			
Carried Forward			R
Section No. 2 SUPERSTRUCTURE Bill No. 8 PAINTWORK			
Part C.2.3 - Bills of Quantities Pricing Data: Civil			
Contract Part C2: Pricing Data			C2.3 Bill of Quantities

Item	Brought Forward	Quantity	Rate	Amount
<u>Prepare existing painted surface, apply one coat undercoat and apply two coats non drip enamel paint on</u>				
2/8/2	On door frames	m2	1 379	
<u>PAINTWORK, ETC. TO NEW WORK</u>				
<u>FLOATED PLASTER SURFACES WITH</u>				
<u>Prepare new surface, apply two coats undercoat and two coats acrylic PVA paint on</u>				
2/8/3	Internal walls	m2	2 111	
<u>ON PLASTERBOARD</u>				
<u>Prepare new surface, apply two coats undercoat and two coats acrylic PVA paint on</u>				
2/8/4	On ceilings and cornices	m2	1 833	
2/8/5	On drywall partitioning	m2	7 026	
<u>ON WALLPAPER</u>				
<u>Prepare new surface, apply two coats undercoat and two coats acrylic PVA paint on</u>				
2/8/6	On wallpaper	m2	253	
<u>ON METAL</u>				
<u>Prepare new surface, apply two coats undercoat and apply two coats non drip enamel paint on</u>				
2/8/7	On door frames	m2	69	
<u>ON WOOD</u>				
<u>Prepare new surface and apply two coats wood primer on:</u>				
2/8/8	On backs of frames, linings, etc. not exceeding 300mm wide	m2	87	
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 8 PAINTWORK				
Part C.2.3 - Bills of Quantities Pricing Data: Civil				
Contract Part C2: Pricing Data			C2.3 Bill of Quantities	

TRANSNEO

Brought Forward		R		
Item		Quantity	Rate	Amount
The following sub-contract amounts are for work to be carried out by sub-contractors in terms of clause 26 of the NEC 3 Engineering and Construction contract June 2005				
<u>Kitchen/Pause area Cupboards</u>				
2/9/1	Provide the sum of R 385,000.00 (Three Hundred and Eighty Five Thousand Rand) for Kitchen/Pause area Cupboards, etc., executed complete.	Item		385 000 00
2/9/2	Profit	Item		
2/9/3	Attendance	Item		
<u>Vanities</u>				
2/9/4	Provide the sum of R 210,000.00 (Two Hundred and Ten Thousand Rand) for Vanities, etc., executed complete.	Item		210 000 00
2/9/5	Profit	Item		
2/9/6	Attendance	Item		
<u>Sandstone cladding</u>				
2/9/7	Provide the sum of R 100,000.00 (One Hundred Thousand Rand) for Sandstone cladding, etc., executed complete.	Item		100 000 00
2/9/8	Profit	Item		
2/9/9	Attendance	Item		
<u>Wallpaper</u>				
2/9/10	Provide the sum of R 82,000.00 (Eighty Two Thousand Rand) for Wallpaper, etc., executed complete.	Item		82 000 00
2/9/11	Profit	Item		
2/9/12	Attendance	Item		
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES Part C.2.3 - Bills of Quantities Pricing Data: Civil				
Contract Part C2: Pricing Data		C2.3 Bill of Quantities		

Item	Brought Forward	Quantity	Rate R	Amount
<u>Supply only of Aluminium shopfronts and doors</u>				
2/9/13	Provide the sum of R 800,000.00 (Eight Hundred Thousand Rand) for the supply only of Aluminium shopfronts and doors, etc., executed complete.	Item		800 000 00
2/9/14	Profit	Item		
2/9/15	Attendance	Item		
<u>Fire Services</u>				
2/9/16	Provide the sum of R 4,575,000.00 (Four Million Five Hundred and Seventy Five Thousand Rand) for Fire services, etc., executed complete.	Item		4 575 000 00
2/9/17	Profit	Item		
2/9/18	Attendance	Item		
<u>Fire Signage</u>				
2/9/19	Provide the sum of R 30,000.00 (Thirty Thousand Rand) for Fire Signage, etc., executed complete.	Item		85 000 00
2/9/20	Profit	Item		
2/9/21	Attendance	Item		
<u>Plumbing and Drainage</u>				
2/9/22	Provide the sum of R 5,100,000.00 (Five Million One Hundred Thousand Rand) for Plumbing and Drainage, etc., executed complete.	Item		5 100 000 00
2/9/23	Profit	Item		
2/9/24	Attendance	Item		
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES Part C.2.3 - Bills of Quantities Pricing Data: Civil				
Contract Part C2: Pricing Data			C2.3 Bill of Quantities	

Brought Forward		R		
Item		Quantity	Rate	Amount
<u>Lightning Protection</u>				
2/9/25	Provide the sum of R 180,000.00 (One Hundred and Eighty Thousand Rand) for Lightning Protection, etc., executed complete.	Item		180 000 00
2/9/26	Profit	Item		
2/9/27	Attendance	Item		
<u>Smoke Detection</u>				
2/9/28	Provide the sum of R 920,000.00 (Nine Hundred and Twenty Thousand Rand) for Smoke Detection, etc., executed complete.	Item		920 000 00
2/9/29	Profit	Item		
2/9/30	Attendance	Item		
<u>UPS</u>				
2/9/31	Provide the sum of R 300,000.00 (Three Hundred Thousand Rand) for UPS, etc., executed complete.	Item		300 000 00
2/9/32	Profit	Item		
2/9/33	Attendance	Item		
<u>Lifts</u>				
2/9/34	Provide the sum of R 4,750,000.00 (Four Million Seven Hundred and Fifty Thousand Rand) for Lift Installation, etc., executed complete.	Item		4 750 000 00
2/9/35	Profit	Item		
2/9/36	Attendance	Item		
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES Part C.2.3 - Bills of Quantities Pricing Data: Civil		Carried Forward		R
Contract Part C2: Pricing Data				C2.3 Bill of Quantities

Brought Forward		R		
Item		Quantity	Rate	Amount
<u>Air Conditioning and Ventilation</u>				
2/9/37	Provide the sum of R 18,620,000.00 (Eighteen Million Six Hundred and Twenty Thousand Rand) for Air Conditioning and Ventilation, etc., executed complete.	Item		18 620 000 00
2/9/38	Profit	Item		
2/9/39	Attendance	Item		
<u>Signage</u>				
2/9/40	Provide the sum of R 510,000.00 (Five Hundred and Ten Thousand Rand) for Signage, etc., executed complete.	Item		510 000 00
2/9/41	Profit	Item		
2/9/42	Attendance	Item		
<u>Electrical Installation</u>				
2/9/43	Provide the sum of R 9,945,000.00 (Nine Million Nine Hundred and Forty Five Thousand Rand) for Electrical Installation, etc., executed complete.	Item		9 945 000 00
2/9/44	Profit	Item		
2/9/45	Attendance	Item		
<u>Standby Generator</u>				
2/9/46	Provide the sum of R 1,600,000.00 (One Million Six Hundred Thousand Rand) for Standby Generator, etc., executed complete.	Item		1 600 000 00
2/9/47	Profit	Item		
2/9/48	Attendance	Item		
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES		Carried Forward		R
Part C.2.3 - Bills of Quantities Pricing Data: Civil				
				C2.3 Bill of Quantities

Contract
Part C2: Pricing Data



Item	Brought Forward	Quantity	Rate R	Amount
<u>Blinds</u>				
2/9/49	Provide the sum of 1,220,000.00 (One Million Two Hundred and Twenty Thousand Rand) for Blinds, etc., executed complete.	Item		1 220 000 00
2/9/50	Profit	Item		
2/9/51	Attendance	Item		
<u>Public Address system</u>				
2/9/52	Provide the sum of R 735,000.00 (Seven Hundred and Thirty Five Thousand Rand) for Public Address system, etc., executed complete.	Item		735 000 00
2/9/53	Profit	Item		
2/9/54	Attendance	Item		
<u>BUDGETARY ALLOWANCES</u>				
Note: Tenderers are to note that the provisional allowances listed here under are for work to be executed by the appointed principal contractor. Tenderers are to allow in their overall P & G allowances for this scope of work as no additional P & G will be entertained once this scope of work is realised. The Employer reserves the right to execute this work in part or in whole or omit the entire scope				
2/9/55	Provide the sum of R 200,000.00 (Two Hundred Thousand Rand) for works to existing balustrading, executed complete.	Item		200 000 00
2/9/56	Provide the sum of R 285,000.00 (Two Hundred and Eighty Five Thousand Rand) for Trim to tiling and other finishes, executed complete.	Item		280 000 00
2/9/57	Provide the sum of R 630,000.00 (Six Hundred and Thirty Thousand Rand) for Bulkheads, executed complete.	Item		630 000 00
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES Part C.2.3 - Bills of Quantities Pricing Data: Civil				
Contract Part C2: Pricing Data TRANSNET				C2.3 Bill of Quantities

Brought Forward		R		
Item		Quantity	Rate	Amount
2/9/58	Provide the sum of R 240,000.00 (Two Hundred and Forty Thousand Rand) for Accoustic folding and sliding doors, etc., executed complete.	Item		240 000 00
2/9/59	Provide the sum of R 750,000.00 (Seven Hundred and Fifty Thousand Rand) for Supply and installation of Ironmongery, etc., executed complete.	Item		750 000 00
2/9/60	Provide the sum of R 110,000.00 (One Hundred and Ten Thousand Rand) for Sundry alterations, etc., executed complete.	Item		110 000 00
2/9/61	Provide the sum of R 100,000.00 (One Hundred Thousand Rand) for Relocation of services, etc., executed complete.	Item		100 000 00
2/9/62	Provide the sum of R 950,000.00 (Nine Hundred and Fifty Thousand Rand) for Removal of existing services, etc., executed complete.	Item		950 000 00
2/9/63	Provide the sum of R 150,000.00 (One Hundred and Fifty Thousand Rand) for Repairs to Structural elements, etc., executed complete.	Item		150 000 00
2/9/64	Provide the sum of R 250,000.00 (Two Hundred and Fifty Thousand Rand) for work to the Main Entrance, etc., executed complete.	Item		250 000 00
2/9/65	Profit and attendance for the above listed items	Item		
2/9/66	Provide the sum of R 15,500,000.00 (Fifteen Million Five Hundred Thousand rand) for EPCM fees, executed complete.	Item		15 500 000 00
2/9/67	Provide the sum of R 3,230,000.00 (Three Million Two Hundred and Thirty Thousand Rand) for Escalation to Provisional sums, executed complete.	Item		3 230 000 00
2/9/68	Provide the sum of R 1,000,000.00 (One Million Rands) for Sundry Builder's work to Specialist Installations, etc., executed complete	Item		1 000 000 00
2/9/69	Provide the sum of R 5,345,000.00 (Five Million Three Hundred and Forty Five Thousand Rands) for Contingencies, etc. executed complete	Item		5 345 000 00
Carried Forward			R	
Section No. 2 SUPERSTRUCTURE Bill No. 9 PROVISIONAL SUMS AND BUDGETARY ALLOWANCES Part C.2.3 - Bills of Quantities Pricing Data: Civil				

Contract

Part C2: Pricing Data

C2.3

Bill of Quantities

Item	Brought Forward	Quantity	Rate R	Amount
219/70	Provide the sum of R 100,000.00 (One Hundred Thousand Rands) for Plan Submission fees, etc. executed complete	Item		100 000 00
Carried Forward to Summary of Section No.2				R
Section No. 2				
SUPERSTRUCTURE				
Bill No.9				
PROVISIONAL SUMS AND BUDGETARY ALLOWANCES				
Part C.2.3 -Bills of Quantities				
Pricing Data: Civil				
				C2.3
				Bill of Quantities



Item	Section No. 2	Quantity	Rate	Amount
	SUPERSTRUCTURE			
	<u>SECTION SUMMARY - SUPERSTRUCTURE</u>			
Bill No		Page No		Amount
1	ALTERATIONS	-118-		
2	MASONRY	-120-		
3	CARPENTRY AND JOINERY	-122-		
4	CEILINGS, PARTITIONS AND ACCESS FLOORING	-129-		
5	FLOOR COVERINGS	-130-		
6	PLASTERING	-131-		
7	TILING	-133-		
8	PAINTWORK	-136-		
9	PROVISIONAL SUMS AND BUDGETARY ALLOWANCES	-144-		
Carried to Final Summary				R
Section No. 2 SUPERSTRUCTURE				
Part C.2.3 - Bills of Quantities Pricing Data: Civil				
Contract Part C2: Pricing Data				C2.3 Bill of Quantities

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PART C3: SCOPE OF WORKS

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PART C3

Section 1

DESCRIPTION OF THE WORK

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PART C3

Section 1

DESCRIPTION OF THE WORKS

1.1 Employer's Objective

- 1.1.1 Transnet Freight Rail has embarked on an office space optimization initiative, based on an open plan design philosophy for all office buildings. This initiative will be implemented over the next 3-years and nationally approximately 50 000m² of office space will be converted to open plan. The project entails the refurbishment of office buildings to an open plan environment, refurbishment of air-conditioning to suit open plan and installation of public address systems and early warning fire detection.

One of the sites identified for refurbishment is the 138 Eloff Street Building, Johannesburg

- 1.1.2 The Tenderers are required to check the number of pages and should any be found to be missing or in duplicate or the figures or writing to be indistinct or should there be any doubt or obscurity as to the meaning of any particular word or phrase or descriptions or should Tenderers consider that any item is incorrectly or inadequately described they must inform the Manager, Johan Basson, 4th Floor, Desk 4/2, 39 Wolmarans Street, Braamfontein, 2017 at once in writing under reference and have the matter rectified or explained as the case may be as no liability whatsoever will be admitted by Transnet in respect of errors in a tender due to the foregoing.

No alterations, erasures or additions of any kind shall be made by the Tenderers in, from or to any part of this specification unless expressly required to be made by written notice and should any unauthorised alterations, erasures or additions be made they will not be recognised by Transnet.

1.2 Overview of the Works

- 1.2.1 The contract consists of the demolishing/dismantling of existing brick walls, partitions, ceilings, electrical work and floor/wall finishes etc., and the construction/fitting of new brick walls/partitions, ceilings, electrical/plumbing work, plastering, painting and the laying of new floor finishes, installation of new air-conditioning system air-conditioning system, installation of a fire detection system, a public address system and ancillary works.

1.3 Extent of the Works

- 1.3.1. The main contractor shall do the work as detailed in the various specifications and drawings as per attached drawing register

1.4 Location of the Works

- 1.4.1 The site is located at Johannesburg.

1.5 Temporary Work

Not Applicable.

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TRANSET : 138 E LOFF STREET - REFURBISHMENT OF OFFICE BUILDING

INDICATIVE BASELINE PROJECT PROGRAMME

	weeks	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000	1001	1002	1003	1004	1005	1006	1007	1008	1009	1010	1011	1012	1013	1014	1015	1016	1017	1018	1019	1020	1021	1022	1023	1024	1025	1026	1027	1028	1029	1030	1031	1032	1033	1034	1035	1036	1037	1038	1039	1040	1041	1042	1043	1044	1045	1046	1047	1048	1049	1050	1051	1052	1053	1054	1055	1056	1057	1058	1059	1060	1061	1062	1063	1064	1065	1066	1067	1068	1069	1070	1071	1072	1073	1074	1075	1076	1077	1078	1079	1080	1081	1082	1083	1084	1085	1086	1087	1088	1089	1090	1091	1092	1093	1094	1095	1096	1097	1098	1099	1100	1101	1102	1103	1104	1105	1106	1107	1108	1109	1110	1111	1112	1113	1114	1115	1116	1117	1118	1119	1120	1121	1122	1123	1124	1125	1126	1127	1128	1129	1130	1131	1132	1133	1134	1135	1136	1137	1138	1139	1140	1141	1142	1143	1144	1145	1146	1147	1148	1149	1150	1151	1152	1153	1154	1155	1156	1157	1158	1159	1160	1161	1162	1163	1164	1165	1166	1167	1168	1169	1170	1171	1172	1173	1174	1175	1176	1177	1178	1179	1180	1181	1182	1183	1184	1185	1186	1187	1188	1189	1190	1191	1192	1193	1194	1195	1196	1197	1198	1199	1200	1201	1202	1203	1204	1205	1206	1207	1208	1209	1210	1211	1212	1213	1214	1215	1216	1217	1218	1219	1220	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PART C3: PROGRAMME

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TRANSNET



(REGISTRATION NO.1990/000900/06)

**TRADING AS
TRANSNET FREIGHT RAIL**

**ADDENDUM NO. 1
TO THE
SECONDARY AND GENERAL SPECIFICATIONS
OF THE CONTRACT**

- 1) Where ever the word "Spoornet" appears in these specifications, please replace it with "Transnet Freight Rail".
- 2) Wherever reference is made to the E5(M.W.)(1996), the E5(Nov.1996) or E160 General Conditions of Contract, please refer to the Conditions of Contract of the ECC3 Contract.
- 3) Where ever the words "Technical Officer" appear in these specifications, please replace with "Supervisor".

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Section 2

ENGINEERING

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Section 2

ENGINEERING

2.1 Design services and activity matrix

The space planning layout has been completed and drawings attached as referred to below. However the tenderer is to take note that the detail design development will only take place after award of the tender as indicated in the indicative project programme (Refer to attached indicative programme in Section 3.1).

2.2 Employer's design

2.2.1 Employer will issue space planning floor layouts for the proposed new building.

2.3 Design brief

2.3.1 Designs to be as per guidelines in the particular specifications, referred to standard and generic specifications.

2.4 Drawings

2.4.1 *Drawings of the refurbishment of floors layouts (Drawings are attached under Part C4 – Site Information):*

CIVIL WORKS	REV
11004-TLIB-2011: Dimensioning and construction layout – 2 nd floor	01
11004-TLIB-2012: Dimensioning and construction layout – 3 rd & 4 th floor	01
11004-TLIB-2013: Dimensioning and construction layout – 5 th & 6 th floor	01
11004-TLIB-2014: Dimensioning and construction layout – 7 th & 8 th floor	01
11004-TLIB-2015: Dimensioning and construction layout – 9 th & 10 th floor	01
11004-TLIB-2016: Dimensioning and construction layout – 11 th & 12 th floor	01
11004-TLIB-2017: Dimensioning and construction layout – 13 th & 14 th floor	01
11004-TLIB-2018: Dimensioning and construction layout – 15 th , 16 th & 17 th floor	01

11004-TLIB-2010: Lower ground and

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Scope of Works

C3.2
Engineering

ground floor

11004-TLIB-2001: 2nd floor

11004-TLIB-2002: 3rd & 4th floor

11004-TLIB-2003: 5th & 6th floor

11004-TLIB-2004: 7th & 8th floor

11004-TLIB-2005: 9th & 10th floor

11004-TLIB-2006: 11th & 12th floor

11004-TLIB-2007: 13th & 14th floor

11004-TLIB-2008: 15th, 16th & 17th floor

11004-TLIB-2000: Lower ground and
ground floor

2.5 Alternative Equipment and Drawings

Not Applicable

2.6 Design procedures

2.6.2 Not Applicable

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Section 3

PROCUREMENT

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Section 3

PROCUREMENT

3.1 Subcontracting

- 3.1.1 Tenders are required to provide a list of work, which they intend carrying out on a subcontract basis, and that which they intend carrying out with own permanent employees.
- 3.1.2 Tenders shall outline their policy with regard to the employment of local "previously marginalized" subcontractors, and the estimated proportion of the work in the various trades that will be sublet to such subcontractors.
- 3.1.3 The successful Tenderer will be responsible for the supervision and quality control of the work undertaken by the subcontractors.
- 3.1.4 The successful Tenderer shall not take advantage of the lack of pricing skills of emerging subcontractors, and obvious errors in pricing shall be pointed out and rectified to reflect the reasonable prices for the work.
- 3.1.5 Any subcontractors in which the main Contractor considers using shall be submitted to Transnet Freight Rail for approval.

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Section 4

GENERAL CONSTRUCTION ASPECTS

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Section 4

GENERAL CONSTRUCTION ASPECTS

4.1 Works Specifications

4.1.1 Standard Specification

In so far as they can be applied and where they are not inconsistent with the terms of this specification, the following specifications shall be regarded as being embodied in this specification.

4.1.1.1 SABS Specifications (To be obtained by the contenders)

National Building Regulations
General Structural
Electrical Code of Practice

SABS 0400 - 1990
SABS 1200AM - 1986
SABS 0142

4.1.1.2 Standard Airconditioning Specification

4.1.1.2.1 Supplementary Airconditioning Specification

4.1.1.2.3 Drawings

Applicable specifications referred to as secondary specifications

4.2 Construction Equipment

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

4.3 Existing Services

- 4.3.1 The Contractor shall be responsible for locating and protecting existing services. The position of existing services (if) shown on the drawings are only approximate. Services other than that shown on the drawings may be pointed out to the Contractor by the Transnet Freight Rail Supervisor and the Contractor shall take responsibility to protect them in the same way as those shown on the drawings. Damage to any service shown on the drawings or pointed out to the Contractor shall immediately be reported to the Transnet Freight Rail Supervisor who will arrange for its repair.
- 4.3.2 The Contractor shall reinstate the services and structures damaged during construction.
- 4.3.3 Any damages caused by the Contractor to Transnet property and services shall be rectified by the Contractor at his own costs and to the full satisfaction of the Supervisor.
- 4.3.4 Permission to connect to any existing Transnet Freight Rail service, on a temporary basis, must be obtained from the Transnet Freight Rail Supervisor.

4.4 Site Establishment

- 4.4.1 Not Applicable.

4.5 Site Usage

- 4.5.1 The establishment of a site is the responsibility of the successful tenderer and this must be provided for in the quotation. Fixed assets such as fencing, carports etc. shall be removed or demolished after completion of the Works.
- 4.5.2 The Contractor shall provide an office for the Transnet Freight Rail Supervisor on site upon request.
- 4.5.3 Housing of Contractor's staff on any Transnet property will not be permitted.
- 4.5.4 The Contractor is to make his own arrangements for the distribution of electrical power for his own use on the site. Transnet Freight Rail will not be responsible for any claims whatsoever brought about by any disruption or fluctuations in the supply of any such electrical power to the Contractor.
- 4.5.5 The Contractor is to apply to the network provider for a telephone if required.

4.5.9 Contractor's own and supervised site store

- 4.5.9.1 The Contractor must provide adequate storage, at his own expense to the satisfaction of the Transnet Freight Rail Supervisor. All material must, in addition, be stored or stacked in position that will not interfere with other work in progress in the area.
- 4.5.9.2 Sites for storage facilities on property of Transnet Freight Rail, if available, must be arranged in conjunction with the parties concerned. Where no sites are available, the Contractor must make his own arrangements at his expense.
- 4.5.9.3 The Transnet Freight Rail Contract Supervisor shall be advised as early as possible where storage sites will be located.
- 4.5.9.4 The cost of this store shall be shown separately as an item in the quotation for installation.
- 4.5.9.5 On completion of the contract, the Contractor shall dismantle and remove the store entirely from the property of Transnet Freight Rail.

4.5.9.6 Off-loading, storage and distribution

- The Contractor shall be responsible for off-loading all material, the storage and safe custody thereof and for the distribution on the Works.
- The Contractor shall maintain records, to the satisfaction of the Transnet Freight Rail Contract Supervisor, concerning the receipt and issue of all material.
- All material must be stored or stacked in positions that will not interfere with other work in progress in the area.

- 4.5.10 The Contractor shall, on completion of the Works, clear the site of all leftover items of material, such as empty cable drums, cable off-cuts, empty tins, etc., to the satisfaction of the Transnet Freight Rail Supervisor. Off-cuts of all material of a valuable nature which is the property of Transnet, such as copper or aluminium wire or cable, shall be returned to a site to be directed by Transnet Freight Rail Supervisor.

4.6 Alterations, additions, extensions, and modifications to existing works

- 4.6.1 Contractor shall use the given drawings as a guideline or proposal by Transnet Freight Rail, and should the Contractor deem it necessary/appropriate to deviate from the above, he shall inform the Project Manager/Transnet Freight Rail Supervisor for approval.

- 4.6.2 Only Transnet Freight Rail Contract Supervisor or his appointed designate shall be allowed to enter Site Instructions. Any instruction that might result in a change in scope or has cost implications, shall only be carried out once a Compensation Event has been approved by Transnet Freight Rail, otherwise the client may refuse to pay for such work.

4.7 Inspections of adjoining properties

- 4.7.1 Not Applicable.

4.8 Water for construction purposes

- 4.8.1 The Contractor shall use existing water connections in the building if available for construction purposes; otherwise the contractor must provide its own water supply.

4.9 Survey control and setting out the Works
Not Applicable

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Section 5

MANAGEMENT OF THE WORKS

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Section 5

MANAGEMENT OF THE WORKS

5.1 SABS Specifications

The following SABS Specifications and associated specification data are applicable:-

5.1.1 SABS 0400 - 1990: NATIONAL BUILDING REGULATIONS

5.1.2 SABS 1200AH - 1986: GENERAL STRUCTURAL.

5.1.3 SABS 0142: ELECTRICAL CODE OF PRACTICE

5.2 Particular/generic specification

5.2.1 Refer to Section 7

5.3 SITE RECORDS:

5.3.1 Site Diary

The Contractor shall provide a diary, in triplicate to record all day-to-day incidents that could occur during the contract period. This includes weather, name & number of workers on the site, material that has been delivered, material that has been loaded and disposed off, incidences that have occurred, what work is to be done on that day, etc.

5.4 SITE INSTRUCTION BOOK:

5.4.1 The Contractor shall supply and have available ON SITE at all times three A4 size triplicate carbon copy books.

5.4.2 In one book, site instructions will be recorded. Only the Project Manager and the Supervisor or their delegated representative will have the authority to issue site instructions to the Contractor. Any instruction that might result in a change in scope or has cost implications, shall only be carried out once a Compensation Event has been approved by Transnet Freight Rail, otherwise the client may refuse to pay for such work.

5.4.3 The second book will be used as the Risk Register required by the Contract for Engineering and Construction Work, NEC3.

5.4.4 The third book will be a site diary. Site diaries shall be forwarded to the Transnet Freight Rail Supervisor during monthly progress meetings. Site activities and information (including weather conditions) shall be entered in a site diary on a daily basis. Amongst others the safety talks shall be entered, and all visitors on site shall sign the Site Diary. Working hours are to be aligned with the Depot working hours, any work to be done outside normal Depot working hours to be discussed with the relevant Depot.

5.4.5 The original sheet of each set of three pages will be removed from the books and retained by the Project Manager. The Contractor may remove the second sheet but the third sheet shall be retained on the site until completion of the Works when it shall be handed to the Project Manager.

5.4.6 All important communication shall be in writing.

5.5 PROGRAMME & PLANNING OF THE WORK

5.5.1 The contractor shall provide to the Project Manager a detail plan of how he intends to do the work and this plan must be to the requirements of the operation of Transnet Freight Rail with minor disruptions as no delays must be allowed in this regard.

5.5.2 The programme must be agreed to (in the site instruction book) before any work will be allowed to commence. The programme can be in a form of a pert (bar) chart and will be used as a guide to measure progress of the work.

5.6 WATER SUPPLY:

5.6.1 If existing water supply is available, it will be made available for the purpose of construction of the works only. The water shall be used conservatively and if not, this privilege shall be removed and the water shall be metered, and the cost of the metered water shall be borne by the Contractor as well as all charges as entertained by Transnet. The Contractor must supply all connections, hoses, etc., as necessary.

5.7 ELECTRICITY SUPPLY:

5.7.1 If existing electricity supply is available, the Contractor will be allowed to use it for construction purposes only. The contractor must adhere to the safety standards as per the General Safety Regulations, Electrical Machine Regulations, Electrical Installation Regulations of the Health and Safety Act, (Act 85 of 1993) and SABS 0142.

5.8 ACCESS TO SITE:

5.8.1 The premises will be vacant during the execution of the contracts.

5.8.5 Access points to site (security) checks at close of day

5.8.5.1 Not Applicable

5.9 MATERIALS FOUND ON SITE:

The Contractor shall not use on the works any materials found on the site without the prior written consent of the Project Manager. No material that is lying on the site (other than that from this contract) or on Transnet's property, may be removed (even if deemed as scrap) by the contractor.

5.10 CLEARING OF SITE:

The Contractor shall provide for cleaning up and sorting all rubbish and debris of whatever kind throughout the duration of the contract. Upon completion the Contractor shall clear away and remove all rubbish, unused material, plant and debris and leave the site and the whole of the works clean and tidy to the satisfaction of the Project Manager. The contractor is to see that there is no build-up rubble, both on site, service lift, main lifts, passages foyers or parking areas.

Existing carports/parking area is not to be used to store materials or for the use of construction vehicles.

5.11 WORKING OUTSIDE NORMAL WORKING HOURS:

The normal working hours are between 07:30 and 16:00 Mondays to Fridays. If it is required to work outside the stated normal working hours the Contractor must obtain written permission at least 24 hours before such work needs to be undertaken. Transnet will not unreasonably withhold permission; however the Contractor may have to pay for Transnet's supervisory personnel.

5.12 ENVIRONMENT

5.12.1 Refer to section 6

5.13 ACCOMMODATION OF TRAFFIC ON PUBLIC ROADS OCCUPIED BY THE CONTRACTOR

5.13.1 Not Applicable

5.14 OTHER CONTRACTORS ON SITE

Not Applicable

5.15 TESTING, COMPLETION, COMMISSIONING AND CORRECTION OF DEFECTS

5.15.1 When, in the opinion of the Supervisor, any part of the work done or any items of material used is not in accordance with the requirements of the Contract, whether or not payment for such work or material has been made, he may order the Contractor in writing to remove any objectionable part, item or component thereof, to replace it with an acceptable part, item or component and to rectify or reconstruct the Works without cost to Transnet.

5.15.2 The Works will not be accepted by Transnet as complete until all defects of every kind have been made good to the satisfaction of the Supervisor.

5.15.3 Within a reasonable time after receipt of written instructions from the Project Manager/Supervisor, the Contractor shall make good to the satisfaction of the Supervisor all the defective material and workmanship which are not in accordance with the contract and which may appear within a period of 12 months, or such other period as stipulated in the Contract Data, after the date stated in the CERTIFICATE OF COMPLETION, and shall repair all damage caused thereby.

- 5.15.4 Should the Contractor fail to comply with the above provisions, Transnet may cause the required work to be carried out at the expense of the Contractor and may recover the cost thereof from the Contractor.
- 5.15.5 Testing and commissioning shall be done in accordance with applicable standards, generic and particular specifications.

5.16 RECORDING OF WEATHER

- 5.16.1 The requirements are covered in the contract data.

5.17 KEY PERSONNEL

- 5.17.1 The Contractor shall provide an Organogram of his key personnel on site, including all relevant contact details within two weeks from the start date.

5.18 MANAGEMENT MEETING

- 5.18.1 Risk reduction meetings: These meetings can form part of the regular site meetings or be held as separate meetings. At these meetings the following issues will be discussed:
- (i) Compensation events
 - (ii) Early warnings
 - (iii) Contractual claims
 - (iv) Risk register
- 5.18.2 The Contractor shall attend site meetings when convened by the Transnet Freight Rail Supervisor (normally once a month). Such meetings will be for the purpose of discussing progress, delays, materials, conditions and the co-ordination of site activities. The meetings will be chaired by the Project Manager or his deputy and the proceedings shall be minuted and circulated by the Transnet Freight Rail Supervisor.
- 5.18.3 The Contractor shall attend ad hoc site meetings when convened by the Transnet Freight Rail Supervisor. Such meetings will be for the purpose of discussing specific issues or problems relating to specifications and adherence thereto, quality and contractual matters.
- 5.18.4 Contractor's representatives at these meetings shall have the necessary delegated authority in respect of aspects such as planning, change management, health and safety.

5.19 PAYMENT

- 5.19.1 Payments shall be made at an agreed date once a month only, for work satisfactory completed, (minus retention money), as per Contract Data and in accordance with the Bill of Quantities. This will be a part payment for the work completed on the date of measurement.
- 5.19.2 Payment will be paid within 30 days from date of receipt of the approved Invoice been received in the financial office in Johannesburg.

5.20 INSURANCE PROVIDED BY THE EMPLOYER

5.20.1 Details of these are covered in the Contract Data.

5.21 HEALTH AND SAFETY REQUIREMENTS AND PROCEDURES

5.21.1 Health and safety requirements are covered in Transnet Specifications E4E (August 2006).

"PREVIEW COPY ONLY"

Part C3

Section 6

ENVIRONMENTAL REQUIREMENTS

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"PREVIEW COPY ONLY"

PART C3

Section 6

ENVIRONMENTAL REQUIREMENTS

6.1 Works specification

6.1.1 All work shall be done in accordance with the Environmental Management Plans and applicable specifications below:

6.1.1.1 Specification E4B: (November 1996): Minimum Communal Health Requirements in areas outside the jurisdiction of Local Authority.

6.1.1.2 National Environment Management Act, 107/1998

6.1.1.3 Environmental Conservation Act, 73/1989

6.1.1.4 National Water Act, 36/1998

6.2 Environment

The Contractor shall, at all times, comply with the statutes that prohibit pollution of any kind. These statutes are enacted in the following legislation.

6.2.1 The National Environmental Management Act, 107/1998;

6.2.2 The Environmental Conservation Act, 73/1989; and

6.2.3 The National Water Act, 36/1998.

6.2.4 The Contractor shall appoint a responsible person to ensure that no incident shall occur on site that could cause pollution. Where the Contractor was negligent and caused any form of pollution the damage shall be rectified at the Contractor's cost.

6.3 ADDITIONAL DOCUMENTS AND NUMBERS TO BE SUPPLIED

6.3.1 Compensation for Occupational Injuries and Diseases Act, 1993

6.3.2 Registration number: _____

6.3.3 District Council Number: _____

6.3.4 VAT Registration Number: _____

A certified copy of the Compensation form, VAT, relevant District Council Registration form as well as the ID document must be submitted with tender documents.

PART C3

SECTION 7

PARTICULAR SPECIFICATIONS

INDEX

Description

PROJECT SPECIFICATIONS – CIVIL

PART C3

SECTION 7

PARTICULAR SPECIFICATIONS

PROJECT SPECIFICATIONS - CIVIL

NOTE:

1. For further descriptions of materials to be used and methods to be adopted, the Contractor is referred to the various Drawings, Codes and Standards, where relevant, and this shall be deemed to form part of the descriptions of any items in the following Specification. Except where any specification provision in a description in this specification is at variance with the above, in which case the specific provision in this Specification description shall apply.
2. Where trade names and catalogue references have been used in these Specifications to specify a product, Tenderers must tender on that particular product specified. In addition, Tenderers must tender on the design specified. The accepted tenderer (i.e. Contractor) may, after obtaining written authority from Transnet, use an alternative product or design.

Where Transnet gives such a written authority at the request of the Contractor, for the Contractor's convenience, all additional costs involved will be done to the Contractor's account. In the event of a less expensive product or design being used, a variation order reflecting the saving in cost will be issued.

1. GENERAL

This section must be read in conjunction with the drawings, and appropriate document to derive at a contract price as asked for in the Bill of Quantities which is further transferred to Part C.1 (FORM OF OFFER AND ACCEPTANCE (ECC3)).

1.2 Standard Specification

In so far as they can be applied and where they are not inconsistent with the terms of this specification, the following specifications shall be regarded as being embodied in this specification.

1.3 SABS Specifications (To be obtained by the contenders)

National Building Regulations	SABS 0400 – 1990
General Structural	SABS 1200AH- 1986
Electrical Code of Practice	SABS 0142

2. STARTING/COMPLETION DATES FOR PROJECT

The contract will commence on the commencement date and continue for a period of 10 (Ten) months. This period of shall be inclusive of weekends, public holidays statutory holidays. Starting and completion dates will be communicated on award of project.

WORK EXCLUDED FROM CONTRACT (DIRECT CONTRACTS)

Communications/computer/Lan installations and Furnishings.

3. DRAWINGS

All drawings schedules of finishes, Bill of Quantities is to be fully studied and understood by main contractor and his sub-contractors. Any queries regarding above, to be made to Project Manager immediately.

4. GENERAL INFORMATION

4.1 PARKING

Contractor to arrange with Transnet Freight Rail Supervisor on site for parking of his vehicles, his staff and subcontractors vehicles in the building area.

4.2 TOILET FACILITIES

The contractor and his sub-contractors staff will not be allowed the use of the toilet facilities within the construction area. These toilet facilities shall be maintained in a clean and approved manner at all times during construction/project. The Contractor must make provision of his own toilet facilities during construction.

4.3 SMOKING

No smoking rule in construction area 30 minutes before close of working day.

A general check to be carried out for smouldering cigarette ends at end of working day.

4.4 SUPERVISION

Full on site supervision by contractor (or his appointed representative) must be approved at all times during all aspects of the project. Name and telephone number/cellular phone is to be provided to Project Manager and Transnet Freight Rail Supervisor when project commences.

4.6 WORK QUALITY ASSURANCE AND CONTROL

The Tenderer shall submit with his tender his work quality assurance plan and procedures, indicating how the necessary work quality assurance and control will be carried out in order to meet the specification requirement during project.

4.7 LOCAL AUTHORITIES

The contractor shall make all arrangements with and obtain the necessary permission from local authorities that may be required, for the placing of bins (rubble removal) on public property and for the execution and proper completion of the works. The

contractor shall at all times comply with relevant by-laws. All rubble shall be removed and dumped at a registered municipal dumping site.

4.8 HOT WORK PERMIT

A hot work permit will be provided to the contractor and sub-contractors. Permit is to be read and fully understood by contractors, before any welding, gas welding and cutting with angle grinder is allowed. Permit is to be signed and returned to Transnet Freight Rail supervisor/Fire officer.

4.9 CLOSE-DOWN PROCEDURES

This procedure and checks are to be used at end of a working day. Contractor and his workmen to take note:-

4.10 ELECTRICITY

Isolate all non-essential electrical circuits at main and distribution switchboards. Switch-off large machines, e.g. Welding cutting machines etc. small appliances to have wall sockets switched off and plug tops withdrawn. Check that electrical equipment, which requires to be powered overnight, is operating correctly and all combustible material at a safe distance.

4.11 OPEN FIRES

No open fires will be permitted in any area of building/construction area.

4.12 FLAMMABLE LIQUIDS AND SUBSTANCES

Return all flammable liquids and other hazardous materials e.g. (Paint) to suitable lockable storage areas.

Remove from building (site) all refuse bins containing oily and solvent rags and cleaning material and place in designated safe location out of doors (away from site).

4.13 DAMAGE TO TRANSNET FREIGHT RAIL PROPERTY

Any damages caused by the contractor to the building (PX) or existing services shall be rectified by the contractor at his own cost and to the full satisfaction of the Project Manager and Transnet Freight Rail Supervisor.

4.14 MAKING GOOD

Where any item is specified and no specific mention is made of preparatory work making good existing surfaces and items to accommodate the specified item that these items to be considered as being required, and the cost of these items shall be allowed for in the tendered price.

4.15. EXTRAS / ALTERATIONS

Transnet Freight Rail may request alterations, extras, additions to, or omissions from the works. The contractor shall carry out or give effect to such orders from Transnet Freight Rail. The rates for such works shall be agreed between the contractor and Transnet Freight Rail, and where possible rates quoted in the schedule of works and prices shall form the basis as far as may be reasonable, of such agreement.

4.16. GENERAL

- An updated Safety file will be on site at all times
- An Induction course will be presented to all the Workers before the start of the contract. This will be done by a Transnet representative.
- An approved municipal dump site will be used for all building rubble.
- Contractor to note that some offices might be occupied during the construction period.
- A workable, realistic construction plan (bar chart) will be presented before work commences

TRANSNET



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

**ADDENDUM NO. 1
TO THE
SECONDARY AND GENERAL SPECIFICATIONS
OF THE CONTRACT**

- 1) Where ever the word "Spoornet" appears in these specifications, please replace it with "Transnet Freight Rail".
- 2) Wherever reference is made to the E5(M.W.)(1996), the E5(Nov.1996) or E160 General Conditions of Contract, please refer to the Conditions of Contract of the ECC3 Contract.
- 3) Where ever the words "Technical Officer" appear in these specifications, please replace with "Supervisor".

TRANSNET



freight rail

PART C3

SECTION 8

GENERAL SPECIFICATIONS

8. GENERAL SPECIFICATIONS

8.1 General specifications

8.1.1 E.4E (August 2006) – Safety arrangements and procedural compliance with the occupational health and safety act (Act 85 of 1993) and applicable regulations.

8.1.2 E7/1 (May 2011) – Specification for works on, over, under or adjacent to railway lines and near high voltage equipment.



(REGISTRATION NO.1990/000900/30)
TRADING AS TRANSNET Freight Rail

**MINIMUM COMMUNAL HEALTH REQUIREMENTS IN AREAS OUTSIDE THE
JURISDICTION OF A LOCAL AUTHORITY: TEMPORARY FACILITIES FOR
CONTRACTOR'S PERSONNEL**

1. CAMPS

- 1.1 Prior to the erection of any camp, the Contractor shall submit to the Technical Officer, for his approval, details of his proposals as to the site, water supply, sanitation, and size and type of buildings. Where the site is on private land, the Contractor shall submit the written approval for the use of the site of the relevant statutory authority and of the owner and occupier of the land (as applicable).
- 1.2 Camps must not be erected on land infested with field rodents.
- 1.3 Adequate drainage shall be provided to carry off storm and waste water.
- 1.4 Buildings shall be built to a neat and orderly pattern.
- 1.5 All buildings shall have smooth, hard, impervious floors, graded to provide effective drainage and to permit washing.
- 1.6 Camps shall be maintained by the Contractor at his own expense in a clean and tidy condition. The Contractor shall take such steps as the Technical Officer and landowner/occupier may demand to prevent the creation of a nuisance.
- 1.7 When so instructed by the Technical Officer, the Contractor shall, at his own expense, erect suitable screens between the camp and any public road, thoroughfare or railway line.
- 1.8 After removal of a camp, the Contractor shall, at his own expense, restore the site to its original condition to the satisfaction of the Technical Officer and of the landowner and occupier where the site is on private land.

2. HOUSING

- 2.1 Every living room shall have cross ventilation, both constant and occasional. Where only one window is provided, it shall not be in the same wall as the door.

- 2.2 Dimensions of living rooms shall be sufficient to allow 3.5 square metres of floor area and 11 cubic metres of air space for each person over the age of 10 years. The floor area of any living room shall not be less than 7,8 square metres.
- 2.3 Flat-roofed quarters shall have a minimum roof height of 3 metres above floor level. For quarters with pitched roofs, the wall height shall be not less than 2,6 metres above the floor with a minimum height above floor of 3 metres at the top of the pitch.
- 2.4 Doors shall not be less than 2m x 0,75m and must be halved.
- 2.5 Windows of each living room shall have an area not less than one twelfth of the floor area and shall be capable of opening to at least half their full area.
- 2.6 In areas where malaria is prevalent, doors and windows must be fitted with gauze screens.
- 2.7 Cooking shelters shall comprise roofed structures three sides of which shall be enclosed by a weatherproof material, approved by the Technical Officer to a height of at least **1m** above ground level.
 - 2.7.1 Sleeping quarters shall not accommodate more than 8 persons per room.
 - 2.7.2 Pegboards shall be carried on metal or concrete supports and shall be separated by partitions not less than 0,4 metres high extending to within 150mm of the end of the bunk. Pegboards shall be removable for cleaning.

3. WATER SUPPLY AND ABLUTION FACILITIES

- 3.1 The Contractor shall ensure that an adequate and conveniently situated supply of potable water is provided.
- 3.2 Separate buildings for ablution facilities shall be provided. Where approval has been obtained for the housing of both males and females, separate facilities for each sex shall be provided. The proportion shall be 1 cubicle for 20 persons.
- 3.3 Waste water shall be hygienically disposed of.

4. SANITATION

- 4.1 Separate buildings for latrine facilities shall be provided. Where housing are provided for both males and females, separate facilities for each sex shall be provided. The proportions shall be at least one squatting seat for every 15 persons or less in the case of pit latrines, or one for every 10 persons or less in case of pail latrines.

Latrines shall be fly proof and sited at least 10 metres from any other building, and shall not face on any public road, thoroughfare, railway line or residential property. Pits shall not be less than 2,5 metres deep and sited not less than 120 metres from nearest underground water source.

- 4.2 Latrines shall be so constructed, situated and maintained, and night soil so disposed of as to prevent access by animals, breeding of flies, pollution of streams and domestic water supplies, and other nuisances. Where a night soil removal service is operated by a competent authority, use of such service shall be obligatory, and the use of pit latrines and atria pits will not be permitted.
- 4.3 At least one refuse bin of adequate size with close fitting lid shall be provided for each building. Refuse bins shall be emptied and cleaned out daily.
- 4.4 Labour shall be employed on camp sanitation duties on the following basis:-
- 4.4.1 Where the number of persons living at the camp is 20 or less - one unit.
- 4.4.2 For additional numbers over 20 living at the camp - one unit per 100 or part thereof.
- 4.5 Unless refuse is removed by a competent authority, it shall be disposed of in pits and covered over daily with a layer of earth or ash of sufficient thickness to prevent depredations by rodents and the breeding of flies.
- 4.6 Adequate measures shall be taken against all vermin and insects responsible for the spread of disease. Any instructions of a competent health authority shall be carried out promptly and implicitly.
- 4.7 Buildings and bedboards shall be treated whenever necessary with an approved insecticide.
- 4.8 The Contractor shall permit and facilitate inspection of the camp and structures on the site by the staff of Transnet or any other competent authority, and shall comply with any reasonable request by such staff or any other competent authority to eliminate any unsanitary condition.
- 4.9 Any outbreak of infectious disease shall immediately be reported telephonically and confirmed in writing to the Technical Officer.
- 4.10 The keeping of animals of any sort is not permitted.
- 4.11 The Contractor shall have on hand at the camp the necessary tools, disinfectants and cleaning materials to maintain and clean the sanitary facilities.

5. RATIONS

Rations, where supplied by the Contractor, shall be stored in a suitable and rodent proof building with sufficient shelving.

P02b-06 (JLH)

TRANSNET LIMITED

(Registration no. 1990/000900//06)

SAFETY ARRANGEMENTS AND PROCEDURAL COMPLIANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT (ACT 85 OF 1993) AND APPLICABLE REGULATIONS

1. General

- 1.1 The Contractor and Transnet Limited (hereinafter referred to as "Transnet") are individual employers, each in its own right, with their respective duties and obligations set out in the Occupational Health and Safety Act Act 85 of 1993 (the Act) and applicable Regulations.
- 1.2 The Contractor accepts, in terms of the General Conditions of Contract and in terms of the Act, his obligations as an employer in respect of all persons in his employ, other persons on the premises or the Site or place of work or on the work to be executed by him, and under his control. He shall, before commencement with the execution of the contract work, comply with the provisions set out in the Act, and shall implement and maintain a Health and Safety Plan as described in the Construction Regulations, 2003 and as approved by Transnet, on the Site and place of work for the duration of the Contract.
- 1.3 The Contractor accepts his obligation to complying fully with the Act and applicable Regulations notwithstanding the omission of some of the provisions of the Act and the Regulations from this document.
- 1.4 Transnet accepts, in terms of the Act, its obligations as an employer of its own employees working on or associated with the site or place of work, and the Contractor and Project Manager or his deputy shall at all times, co-operate in respect of the health and safety management of the site, and shall agree on the practical arrangements and procedures to be implemented and maintained during execution of the Works.
- 1.5 In the event of any discrepancies between any legislation and this specification, the applicable legislation will take precedence.

2. Definitions

- 2.1 In this Specification any word or expression to which a meaning has been assigned in the Construction Regulations, shall have the meaning so assigned to it, unless the context otherwise indicates: -
- 2.2 The work included in this Contract shall for the purposes of compliance with the Act be deemed to be "**Construction Work**", which, in terms of the Construction Regulations, 2003 means any work in connection with: -
 - (a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;

- (b) the installation, erection, dismantling or maintenance of fixed plant where such work includes the risk of a person falling;
 - (c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or
 - (d) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work;
- 2.3 **“competent person”** in relation to construction work, means any person having the knowledge, training and experience specific to the work or task being performed: Provided that where appropriate qualifications and training are registered as per the South African Qualifications Authority Act, 1995 those qualifications and training shall be deemed to be the required qualifications and training;
- 2.4 **“contractor”** means principal contractor and **“subcontractor”** means contractor as defined by the Construction Regulations, 2003;
- 2.5 **“fall protection plan”** means a documented plan, of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods applied to eliminate the risk;
- 2.6 **“health and safety file”** means a file, or other record in permanent form, containing the information required to be kept on site in accordance with the Act and applicable Regulations;
- 2.7 **“Health and Safety Plan”** means a documented plan which addresses the hazards identified and includes safe work procedures to mitigate, reduce or control the hazards identified;
- 2.8 **“Risk Assessment”** means a programme to determine any risk associated with any hazard at a construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard;
- 2.9 **“the Act”** means the Occupational Health and Safety Act No. 85 of 1993.

3. Procedural Compliance

- 3.1 The Contractor who intends to carry out any construction work shall, before carrying out such work, notify the Provincial Director in writing if the construction work:-

- (a) includes the demolition of a structure exceeding a height of 3 metres; or
- (b) includes the use of explosives to perform construction work; or
- (c) includes the dismantling of fixed plant at a height greater than 3m,

and shall also notify the Provincial Director in writing when the construction work exceeds 30 days or will involve more than 300 person days of construction work and if the construction work:-

- (a) includes excavation work deeper than 1m; or

- (b) includes working at a height greater than 3 metres above ground or a landing.
- 3.2 The notification to the Provincial Director shall be on a form similar to Annexure A of the Construction Regulations, 2003, also shown in Annexure 1 of this Specification. The Contractor shall ensure that a copy of the completed notification form is kept on site for inspection by an inspector, Project Manager or employee.
- 3.3 The Contractor shall, in accordance with the Act and applicable Regulations, make all the necessary appointments of competent persons in writing on a form similar to Annexure 2 of this Specification and deliver copies thereof to the Project Manager. Copies should also be retained on the health and safety file.
- 3.4 Subcontractors shall also make the above written appointments and the Contractor shall deliver copies thereof to the Project Manager.
- 3.5 In the case of a self-employed Contractor or any subcontractor who has the appropriate competencies and supervises the work himself, the appointment of a construction supervisor in terms of regulation 6.1 of the Construction Regulations, 2003 will not be necessary. The Contractor shall in such a case execute and sign a declaration, as in Annexure 3, by which he personally undertakes the duties and obligations of the "Chief Executive Officer" in terms of section 16(1) of the Act.
- 3.6 The Contractor shall, before commencing any work, obtain from the Project Manager an access certificate as in Annexure 4 executed and signed by him, permitting and limiting access to the designated site or place of work by the Contractor and any subcontractors under his control.
- 3.7 Procedural compliance with Act and Regulations, as above, shall also apply to any subcontractors as employers in their own right. The Contractor shall furnish the Project Manager with full particulars of such subcontractors and shall ensure that they comply with the Act and Regulations and Transnet's safety requirements and procedures.

4. Special Permits

Where special permits are required before work may be carried out such as for hotwork, isolation permits, work permits and occupations, the Contractor shall apply to the Project Manager or the relevant authority for such permits to be issued. The Contractor shall strictly comply with the conditions and requirements pertaining to the issue of such permits.

5. Health and Safety Programme

- 5.1 The Tenderer shall, with his tender, submit a Health and Safety Programme setting out the practical arrangements and procedures to be implemented by him to ensure compliance by him with the Act and Regulations and particularly in respect of: -
- (i) The provision, as far as is reasonably practical, of a working environment that is safe and without risk to the health of his employees and subcontractors in terms of section 8 of the Act;

- (ii) the execution of the contract work in such a manner as to ensure in terms of section 9 of the Act that persons other than those in the Contractor's employment, who may be directly affected by the contract work are not thereby exposed to hazards to their health and safety;
 - (iii) ensuring, as far as is reasonably practical, in terms of section 37 of the Act that no employee or subcontractor of the Contractor does or omits to do any act which would be an offence for the Contractor to do or omit to do.
- 5.2 The Contractor's Health and Safety Programme shall be based on a risk assessment in respect of the hazards to health and safety of his employees and other persons under his control that are associated with or directly affected by the Contractor's activities in performing the contract work and shall establish precautionary measures as are reasonable and practical in protecting the safety and health of such employees and persons.
- 5.3 The Contractor shall cause a risk assessment contemplated in clause 5.2 above to be performed by a competent person, appointed in writing, before commencement of any Construction Work and reviewed during construction. The Risk Assessments shall form part of the Health and Safety programme to be applied on the site and shall include at least the following:
- (a) The identification of the risks and hazards that persons may be exposed to;
 - (b) the analysis and evaluation of the hazards identified;
 - (c) a documented Health and Safety Plan, including safe work procedures to mitigate, reduce or control the risks identified;
 - (d) a monitoring and review plan.
- 5.4 The Health and Safety Plan shall include full particulars in respect of: -
- (a) The safety management structure to be instituted on site or place of work and the names of the Contractor's health and safety representatives and members of safety committees where applicable;
 - (b) the safe working methods and procedures to be implemented to ensure the work is performed in compliance with the Act and Regulations;
 - (c) the safety equipment, devices and clothing to be made available by the Contractor to his employees;
 - (d) the site access control measures pertaining to health and safety to be implemented;
 - (e) the arrangements in respect of communication of health and safety related matters and incidents between the Contractor, his employees, subcontractors and the Project Manager with particular reference to the reporting of incidents in compliance with Section 24 and General Administrative Regulation 8 of the Act and with the pertinent clause of the General Conditions of Contract forming part of the Contract and
 - (f) the introduction of control measures for ensuring that the Safety Plan is

maintained and monitored for the duration of the Contract.

- 5.4 The Health and Safety programme shall be subject to the Project Manager's approval and he may, in consultation with the Contractor, order that additional and/or supplementary practical arrangements and procedures be implemented and maintained by the Contractor or that different working methods or safety equipment be used or safety clothes be issued which, in the Project Manager's opinion, are necessary to ensure full compliance by the Contractor with his obligations as an employer in terms of the Act and Regulations. The Project Manager or his deputy shall be allowed to attend meetings of the Contractor's safety committee as an observer.
- 5.5 The Contractor shall take reasonable steps to ensure that each subcontractor's Health and Safety Plan is implemented and maintained on the construction site: Provided that the steps taken, shall include periodic audits at intervals mutually agreed to between the them, but at least once every month.
- 5.6 The Contractor shall stop any subcontractor from executing any construction work, which is not in accordance with the Contractor's, and/or subcontractor's Health and Safety Plan for the site or which poses a threat to the health and safety of persons.
- 5.7 The Contractor shall ensure that a copy of the Health and Safety Plan is available on site for inspection by an inspector, Project Manager, agent, subcontractor, employee, registered employee organisation, health and safety representative or any member of the health and safety committee.
- 5.8 The Contractor shall consult with the health and safety committee or, if no health and safety committee exists, with a representative group of employees, on the development, monitoring and review of the Risk Assessment.
- 5.9 The Contractor shall ensure that all employees under his control are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the Risk Assessment.
- 5.10 The Contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the Risk Assessment before any work commences, and thereafter at such times as may be determined in the Risk Assessment.
- 5.11 The Contractor shall ensure that all visitors to a construction site undergoes health and safety induction pertaining to the hazards prevalent on the site and shall be provided with the necessary personal protective equipment.

6. Fall Protection Plan

- 6.1 In the event of the risk and hazard identification, as required in terms of clause 5.3 of this Specification, revealing risks 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;

6.2 The Contractor shall implement, maintain and monitor the fall protection plan for the duration of Contract. The Contractor shall also take such steps to ensure the continued adherence to the fall protection plan.

6.3 The fall protection plan shall include:-

- (a) A Risk Assessment of all work carried out from an elevated position;
- (b) the procedures and methods to address all the identified risks per location;
- (c) the evaluation of the employees physical and psychological fitness necessary to work at elevated positions;
- (d) the training of employees working from elevated positions; and
- (e) the procedure addressing the inspection, testing and maintenance of all fall protection equipment.

7. Hazards and Potential Hazardous Situations

The Contractor and the Project Manager shall immediately notify one another of any hazardous or potentially hazardous situations which may arise during performance of the Contract by the Contractor or any subcontractor and, in particular, of such hazards as may be caused by the design, execution and/or location and any other aspect pertaining to the contract work.

8. Health and Safety File

8.1 The Contractor shall ensure that a health and safety file is opened and kept on site and shall include all documentation required as per the Act and applicable regulations, and made available to an inspector, the Project Manager, or subcontractor upon request.

8.2 The Contractor shall ensure that a copy of the both his Health and Safety Plan as well as any subcontractor's Health and Safety Plan is available on request to an employee, inspector, contractor or the Project Manager.

8.3 The Contractor shall hand over a consolidated health and safety file to the Project Manager upon completion of the Construction Work and shall in addition to documentation mentioned in the Act and applicable Regulations include a record of all drawings, designs, materials used and other similar information concerning the completed structure.

ANNEXURE 1

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Regulation 3(1) of the Construction Regulations

NOTIFICATION OF CONSTRUCTION WORK

-
-
- 1(a) Name and postal address of principal contractor:

- (b) Name and tel. no of principal contractor's contact person:

2. Principal contractor's compensation registration number _____
- 3.(a) Name and postal address of client:

- (b) Name and tel no of client's contact person or agent:

- 4.(a) Name and postal address of designer(s) for the project:

- (b) Name and tel. no of designer(s) contact person:

5. Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6(1).

6. Names of principal contractor's construction sub-ordinate supervisors on site appointed in terms of regulation 6(2).

7. Exact physical address of the construction site or site office:

8. Nature of the construction work:

9. Expected commencement date: _____
10. Expected completion date: _____

11. Estimated maximum number of persons on the construction site: _____

12. Planned number of contractors on the construction site accountable to the principle contractor:

13. Name(s) of contractors already chosen.

Principal Contractor

Date

Client

Date

* THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR PRIOR TO COMMENCEMENT OF WORK ON SITE.

* ALL PRINCIPAL CONTRACTORS THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

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ANNEXURE 2

(COMPANY LETTER HEAD)

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993) :

SECTION/REGULATION: _____

REQUIRED COMPETENCY: _____

In terms of _____ I, _____

representing the Employer) do hereby appoint _____

As the Competent Person on the premises at _____

(physical address) to assist in compliance with the Act and the applicable Regulations.

Your designated area/s is/are as follows :-

Date : _____

Signature :- _____

Designation :- _____

ACCEPTANCE OF DESIGNATION

I, _____ do hereby accept this Designation and acknowledge that I understand the requirements of this appointment.

Date : _____

Signature :- _____

Designation :- _____

ANNEXURE 3

(COMPANY LETTER HEAD)

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT 85 OF 1993) :

DECLARATION

In terms of the above Act I, _____ am personally assuming the duties and obligations as Chief Executive Officer, defined in Section 1 of the Act and in terms of Section 16(1), I will, as far as is reasonably practicable, ensure that the duties and obligations of the Employer as contemplated in the above Act are properly discharged.

Signature :- _____

Date : _____

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ANNEXURE 4

(LETTER HEAD OF BUSINESS DIVISION OR UNIT OF TRANSNET LIMITED)

SITE ACCESS CERTIFICATE

Access to : _____ (Area)
Name of Contractor/Builder :- _____
Contract/Order No.: _____

The contract works site/area described above are made available to you for the carrying out of associated works

In terms of your contract/order with
(company) _____

Kindly note that you are at all times responsible for the control and safety of the Works Site, and for persons under your control having access to the site.

As from the date hereof you will be responsible for compliance with the requirements of the Occupational Health and Safety Act, 1993 (Act 85 of 1993) as amended, and all conditions of the Contract pertaining to the site of the works as defined and demarcated in the contract documents including the plans of the site or work areas forming part thereof.

Signed : _____ Date : _____
PROJECT MANAGER

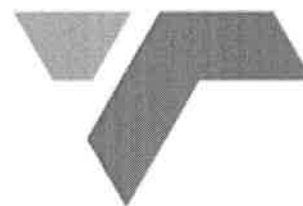
ACKNOWLEDGEMENT OF RECEIPT

Name of Contractor/Builder :- _____ I,
_____ do hereby acknowledge and accept the duties
and obligations in respect of the Safety of the site/area of Work in terms of the Occupational Health and
Safety Act; Act 85 of 1993.

Name : _____ Designation : _____

Signature : _____ Date : _____

TRANSNET



Transnet SOC Limited Registration Number 1990/00900/06

TRANSNET SPECIFICATION

E7/1 - SPECIFICATION FOR GENERAL WORK AND WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT

(This specification shall be used in network operator contracts)

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1.0 SCOPE

- 1.1 This specification covers the network operator's requirements for general work and works on, over, under or adjacent to railway lines and near high voltage equipment.

2.0 DEFINITIONS

The following definitions shall apply:

"Authorised Person" - A person whether an employee of the network operator or not, who has been specially authorised to undertake specific duties in terms of Transnet's publication Electrical Safety Instructions, and who holds a certificate or letter of authority to that effect.

"Barrier" Any device designed to restrict access to "live" high-voltage electrical equipment.

"Bond" - A short conductor installed to provide electrical continuity.

"Contractor" - Any person or organisation appointed by the network operator to carry out work on its behalf.

"Contract Supervisor" - The person or juristic person appointed by the network operator from time to time as the Contract Supervisor, to administer the Contractor's performance and execution of the Works according to the powers and rights held by and obligations placed upon the Contract Supervisor in terms of the Contract.

"Dead" - Isolated and earthed.

"Electrical Officer (Contracts)" - The person appointed in writing by the Project Manager in terms of this specification as the person who shall be consulted by the Contractor in all electrical matters to ensure that adequate safety precautions are taken by the Contractor.

"Executive Officer" - The person appointed by the network operator from time to time as the Executive Officer to act according to the rights and powers held by and obligations placed upon him in terms of the Contract.

"High-Voltage" - A voltage normally exceeding 1000 volts.

"Live" - A conductor is said to be "live" when it is at a potential different from that of the earth or any other conductor of the system of which it forms a part.

"Near" - To be in such a position that a person's body or the tools he is using or any equipment he is handling may come within 3 metres of "live" exposed high-voltage electrical equipment.

"Occupation" - An authorisation granted by the network operator for work to be carried out under specified conditions on, over, under or adjacent to railway lines.

"Occupation Between Trains" - An occupation during an interval between successive trains.

"Optical Fibre Cable" - Buried or suspended composite cable containing optical fibres used in:

- telecommunication networks for transmission of digital information and
- safety sensitive train operations systems.

"Project Manager" - As defined in the special conditions of the contract. The person or juristic person appointed by the network operator from time to time as the Project Manager, to administer the Contract according to the powers and rights held by and obligations placed upon him in terms of the Contract.

"Responsible Representative" - The responsible person in charge, appointed by a contractor, who has undergone specific training (and holds a certificate) to supervise (general or direct) staff under his control who perform general work or to work on, over, under or adjacent to railway lines and in the vicinity of high-voltage electrical equipment.

"Total Occupation" - An occupation for a period when trains are not to traverse the section of line covered by the occupation.

"Work on" - Work undertaken on or so close to the equipment that the specified working clearances to the "live" equipment cannot be maintained.

"Work Permit" - A combined written application and authority to proceed with work on or near dead electrical equipment.

"Works" - The contractual intent for the work to be done as defined in the contract at a defined work site.

PART A - GENERAL SPECIFICATION

3.0 AUTHORITY OF OFFICERS OF TRANSNET

- 3.1 The Contractor shall co-operate with the officers of the network operator and shall comply with all instructions issued and restrictions imposed with respect to the Works which bear on the existence and operation of the network operator's railway lines and high-voltage equipment.
- 3.2 Without limiting the generality of the provisions of clause 3.1, any duly authorised representative of the network operator, having identified himself, may stop the work if, in his opinion, the safe passage of trains or the safety of the network operator's assets or any person is affected. **CONSIDERATIONS OF SAFETY SHALL TAKE PRECEDENCE OVER ALL OTHER CONSIDERATIONS.**

4.0 CONTRACTOR'S REPRESENTATIVES AND STAFF

- 4.1 The Contractor shall nominate Responsible Representatives of whom at least one shall be available at any hour for call-out in cases of emergency. The Contractor shall provide the Contract Supervisor with the names, addresses and telephone numbers of the representatives.
- 4.2 The Contractor guarantees that he has satisfied himself that the Responsible Representative is fully conversant with this specification and that he shall comply with all his obligations in respect thereof.
- 4.3 The Contractor shall ensure that all contractor staff receives relevant awareness, educational and competence training regarding safety as prescribed.

5.0 OCCUPATIONS AND WORK PERMITS

- 5.1 Work to be done during total occupation or during an occupation between trains or under a work permit shall be done in a manner decided by the Contract Supervisor and at times to suit the network operator requirements.
- 5.2 The Contractor shall organise the Works in a manner which will minimise the number and duration of occupations and work permits required.
- 5.3 The network operator will not be liable for any financial or other loss suffered by the Contractor arising from his failure to complete any work scheduled during the period of an occupation or work permit.
- 5.4 The Contractor shall submit to the Contract Supervisor, in writing, requests for occupations or work permits together with details of the work to be undertaken, at least 21 days before they are required. The network operator does not undertake to grant an occupation or work permit for any particular date, time or duration.
- 5.5 The network operator reserves the right to cancel any occupation or work permit at any time before or during the period of occupation or work permit. If, due to cancellation or change in date or time, the Contractor is not permitted to start work under conditions of total occupation or work permit at the time arranged, all costs caused by the cancellation shall be born by the Contractor except as provided for in clauses 5.6 to 5.8.
- 5.6 When the Contractor is notified less than 2 hours before the scheduled starting time that the occupation or work permit is cancelled, he may claim reimbursement of his direct financial losses caused by the loss of working time up to the time his labour and plant are employed on other work, but not exceeding the period of the cancelled occupation or work permit.
- 5.7 When the Contractor is notified less than 2 hours before the scheduled starting time, or during an occupation or work permit, that the duration of the occupation or work permit is reduced, he may claim reimbursement of his direct financial losses caused by the loss of working time due to the reduced duration of the occupation or work permit.
- 5.8 Reimbursement of the Contractor for any loss of working time in terms of clause 5.6 and 5.7, shall be subject to his claims being submitted within 14 days of the event with full details of labour and plant involved, and provided that the Contract Supervisor certifies that no other work on which the labour and plant could be employed was immediately available.
- 5.9 Before starting any work for which an occupation has been arranged, the Contractor shall obtain from the Contract Supervisor written confirmation of the date, time and duration of the occupation.
- 5.10 Before starting any work for which a work permit has been arranged, the Responsible Representative shall read and sign portion C of the Work Permit, signifying that he is aware of the work boundaries within which work may be undertaken. After the work for which the permit was granted has been completed, or when the

work permit is due to be terminated, or if the permit is cancelled after the start, the same person who signed portion C shall sign portion D of the Work Permit, thereby acknowledging that he is aware that the electrical equipment is to be made "live". The Contractor shall advise all his workmen accordingly.

6.0 SPEED RESTRICTIONS AND PROTECTION

- 6.1 When speed restrictions are imposed by the network operator because of the Contractor's activities, the Contractor shall organise and carry out his work so as to permit the removal of the restrictions as soon as possible.
- 6.2 When the Contract Supervisor considers protection to be necessary the Contractor shall, unless otherwise agreed, provide all protection including flagmen, other personnel and all equipment for the protection of the network operator's and the Contractor's personnel and assets, the public and including trains.
- 6.2.1 The network operator will provide training free of charge of the Contractor's flagmen and other personnel performing protection duties. The Contractor shall consult with the Contract Supervisor, whenever he considers that protection will be necessary, taking into account the minimum permissible clearances set out in the Manual for Track Maintenance (Document no. BBB0481):
- Drawing no. BE-97 Sheet 1: Horizontal Clearances: 1065mm gauge (Annexure 1 sheet 1)
 - Drawing no. BE-97 Sheet 2: Vertical Clearances: 1065mm gauge (Annexure 1 sheet 2)
 - Drawing no. BE-97 Sheet 3: Clearances: Platform (Annexure 1 sheet 3)
 - Drawing no. BE-97 Sheet 5: Clearances: 610mm Gauge (Annexure 1 sheet 5)
- 6.3 The Contractor shall appoint a Responsible Representative to receive and transmit any instruction which may be given by the network operator personnel providing protection.

7.0 ROADS AND ROADS ON THE NETWORK OPERATOR'S PROPERTY

- 7.1 The Contractor shall take every reasonable precaution to prevent damage to any roads or bridges used to obtain access to the site, and shall select routes, use vehicles, and restrict loads so that any extraordinary traffic as may arise from the moving of plant or material to or from the site shall be limited as far as is reasonably possible.
- 7.2 The Contractor shall not occupy or interfere in any way with the free use of any public or private road, right-of-way, path or street unless the Contract Supervisor has obtained the approval of the road authority concerned.

8.0 CLEARANCES

- 8.1 No temporary works shall encroach on the appropriate minimum clearances set out in the Manual for Track Maintenance (Document no. BBB0481):
- Drawing no. BE-97 Sheet 1: Horizontal Clearances: 1065mm gauge (Annexure 1 sheet 1)
 - Drawing no. BE-97 Sheet 2: Vertical Clearances: 1065mm gauge (Annexure 1 sheet 2)
 - Drawing no. BE-97 Sheet 3: Clearances: Platform (Annexure 1 sheet 3)
 - Drawing no. BE-97 Sheet 5: Clearances: 610mm Gauge (Annexure 1 sheet 5)

9.0 STACKING OF MATERIAL

- 9.1 The Contractor shall not stack any material closer than 3m from the centre line of any railway line without prior approval of the Contract Supervisor.

10.0 EXCAVATION, SHORING, DEWATERING AND DRAINAGE

- 10.1 Unless otherwise approved by the Contract Supervisor any excavation adjacent to a railway line shall not encroach on the hatched area shown in Figure 1.

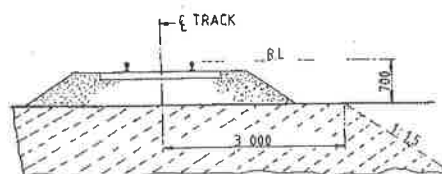


Fig. 1

- 10.2 The Contractor shall provide, at his own cost any shoring, dewatering or drainage of any excavation unless otherwise stipulated elsewhere in the Contract.
- 10.3 Where required by the Contract Supervisor, drawings of shoring for any excavation under or adjacent to a railway line shall be submitted and permission to proceed, obtained before the excavation is commenced.
- 10.4 The Contractor shall prevent ingress of water to the excavation but where water does enter, he shall dispose of it as directed by the Contract Supervisor.
- 10.5 The Contractor shall not block, obstruct or damage any existing drains either above or below ground level unless he has made adequate prior arrangements to deal with drainage.

11.0 FALSEWORK FOR STRUCTURES

- 11.1 Drawings of falsework for the construction of any structure over, under or adjacent to any railway line shall be submitted to the Contract Supervisor and his permission to proceed obtained before the falsework is erected. Each drawing shall be given a title and a distinguishing number and shall be signed by a registered professional engineer certifying that he has checked the design of the falsework and that the drawings are correct and in accordance with the design.
- 11.2 After the falsework has been erected and before any load is applied, the Contractor shall submit to the Contract Supervisor a certificate signed by a registered professional engineer certifying that he has checked the falsework and that it has been erected in accordance with the drawings. Titles and numbers of the drawings shall be stated in the certificate. Notwithstanding permission given by the Contract Supervisor to proceed, the Contractor shall be entirely responsible for the safety and adequacy of the falsework.

12.0 PILING

- 12.1 The Contract Supervisor will specify the conditions under which piles may be installed on the network operator's property.

13.0 UNDERGROUND SERVICES

- 13.1 No pegs or stakes shall be driven or any excavation made before the Contractor has established that there are no underground services which may be damaged thereby.
- 13.2 Any damage shall be reported immediately to the Contract Supervisor, or to the official in charge at the nearest station, or to the traffic controller in the case of centralised traffic control.

14.0 BLASTING AND USE OF EXPLOSIVES

- 14.1 When blasting within 500m of a railway line, the Contractor shall observe the requirements stipulated in this specification.
- 14.2 No blasting shall be carried out except with the prior written permission of the Contract Supervisor and under such conditions as he may impose.
- 14.3 On electrified lines the Contractor shall also obtain the permission of the Electrical Officer (Contracts) before blasting and shall give at least 21 days notice of his intention to blast. No blasting shall be done in the vicinity of electrified lines unless a member of the network operator's electrical personnel is present.
- 14.4 The Contractor shall arrange for the supply, transport storage and use of explosives.
- 14.5 The Contractor shall have labour, tools and plant, to the satisfaction of the Contract Supervisor, available on the site to clear immediately any stones or debris deposited on the track or formation by blasting, and to repair any damage to the track or formation immediately after blasting. Repairs to the track shall be carried out only under the supervision of a duly authorised representative of the network operator.
- 14.6 The Contractor shall notify the Contract Supervisor of his intention to blast at least 21 days before the commencement of any blasting operations.
- 14.7 Before any blasting is undertaken, the Contractor and the Contract Supervisor shall jointly examine and measure up any buildings, houses or structures in the vicinity of the proposed blasting to establish the extent of any existing cracking or damage to such structures, etc. The Contractor, shall, subject to the provisions stipulated in the Contract Insurance Policy, make good any deterioration of such buildings, houses, or structures, which, in the opinion of the Contract Supervisor, was directly caused by the blasting.
- 14.8 After completion of the blasting the Contractor shall obtain a written clearance from each landowner in

the vicinity of the blasting operations to the effect that all claims for compensation in respect of damage caused by the blasting operations to their respective properties, have been settled.

- 14.9 The Contractor shall provide proof that he has complied with the provisions of clauses 10.17.1 to 10.17.4 of the Explosives Regulations (Act 26 of 1956 as amended).

- 14.10 Blasting within 500m of a railway line will only be permitted during intervals between trains. A person appointed by the Contract Supervisor, assisted by flagmen with the necessary protective equipment, will be in communication with the controlling railway station.

Only this person will be authorised to give the Contractor permission to blast, and the Contractor shall obey his instructions implicitly regarding the time during which blasting may take place.

- 14.11 The flagmen described in clause 14.10, where provided by the network operator, are for the protection of trains and the network operator's property only, and their presence does not relieve the Contractor in any manner of his responsibilities in terms of Explosives Act or Regulations, or any obligation in terms of this Contract.

- 14.12 The person described in clause 14.10 will record in a book provided and retained by the network operator, the dates and times:-

- (i) when each request is made by him to the controlling station for permission to blast;
- (ii) when blasting may take place;
- (iii) when blasting actually takes place; and
- (iv) when he advises the controlling station that the line is safe for the passage of trains.

- 14.13 Before each blast the Contractor shall record in the same book, the details of the blast to be carried out. The person appointed by the Contract Supervisor and the person who will do the blasting shall both sign the book whenever an entry described in clause 14.12 is made.

15.0 RAIL TROLLEYS

- 15.1 The use of rail trolleys or trestle trolleys on a railway line for working on high voltage equipment will be permitted only if approved by the Contract Supervisor and under the conditions stipulated by him.

- 15.2 All costs in connection with trolley working and any train protection services requested by the Contractor shall, be borne by the contractor, unless otherwise agreed.

16.0 SIGNAL TRACK CIRCUITS

- 16.1 Where signal track circuits are installed, the Contractor shall ensure that no material capable of conducting an electrical current makes contact between rails of railway line/lines.

- 16.2 No signal connections on track-circuited tracks shall be severed without the Contract Supervisor's knowledge and consent.

17.0 PENALTY FOR DELAYS TO TRAINS

- 17.1 If any trains are delayed by the Contractor and the Contract Supervisor is satisfied that the delay was avoidable, a penalty will be imposed on the Contractor as stipulated in the contract, for the period and number of trains delayed.

18.0 SURVEY BEACONS AND PEGS

- 18.1 The Contractor shall not on any account move or damage any beacon, bench mark, reference mark, signal or trigonometrical station in the execution of the Works without the written approval of the Contract Supervisor.

Should the Contractor be responsible for any such occurrence, he shall report the circumstances to the Contract Supervisor who will arrange with the Director-General of Surveys for replacement of the beacon or mark at the cost of the Contractor.

- 18.2 The Contractor shall not move or damage any cadastral or mining beacon without the written approval of the Contract Supervisor and before it has been referenced by a registered land surveyor. Any old boundary beacon, which becomes an internal beacon on creation of new boundaries, shall not be moved without the written approval of the Contract Supervisor.

Should the Contractor move or damage any cadastral or mining beacon without authority, he shall be responsible for having it replaced, at his cost, by a land surveyor.

- 18.3 The Contractor shall preserve all pegs and bench marks. Such survey points shall not be removed without the written approval of the Contract Supervisor. Should any peg or benchmark be removed without authority, the Contract Supervisor will arrange for its replacement and the cost will be recovered from the Contractor. No claim will be considered for delay in replacing any such peg or bench mark. Each peg replaced shall be checked by the Contractor.
- 18.4 Where a new boundary has been established, beacons on the fence line shall not be disturbed, and fence posts or anchors may not be placed or excavations made within 0,6 m of any beacon without the prior written approval of the Contract Supervisor.

19.0 TEMPORARY LEVEL CROSSINGS

- 19.1 The Contract Supervisor may, on request of the Contractor, and if necessary for the purpose of execution of the Works, permit the construction of a temporary level crossing over a railway a line at a position approved by the Contract Supervisor and at the Contractor's cost. The period for which the temporary level crossing is permitted will be at the discretion of the Contract Supervisor.

- 19.2 The Contractor will provide protection and supervise the construction of the road over the track(s) and within the railway servitude at the level crossing, as well as the erection of all road signs and height gauges. All cost to be borne by the applicant.

The Contractor shall exercise extreme caution in carrying out this work, especially in respect of damage to tracks, services, overhead power and communications routes and prevent contact with "live" overhead electrical equipment.

Unless otherwise agreed, the Contractor will provide the service deviations or alterations to the network operator's track-, structure-, drainage-, electrical-, telecommunications- and train authorisation systems to accommodate the level crossing.

- 19.3 The Contractor shall take all necessary steps including the provision of gates, locks and, where necessary, watchmen to restrict the use of the temporary level crossing to himself and his employees, his subcontractors and their employees, the staff of the network operator and to such other persons as the Contract Supervisor may permit and of whose identity the Contractor will be advised. If so ordered by the Contract Supervisor, the Contractor shall provide persons to control road traffic using the temporary level crossing. Such persons shall stop all road traffic when any approaching train is within seven hundred and fifty (750) metres of the temporary level crossing, and shall not allow road traffic to proceed over it until the lines are clear.

- 19.4 The Contractor shall maintain the temporary level crossing within the railway servitude in good condition for the period it is in use. A temporary agreement with the road authority to be concluded for the maintenance of the level crossing outside the railway servitude.

- 19.5 When the temporary level crossing is no longer required by the Contractor, or permitted by the network operator, the Contractor shall at his own cost remove it and restore the site and the network operator's track-, structure-, drainage-, electrical-, telecommunications- and train authorisation systems to its original condition. Work over the tracks and within the railway servitude will be supervised by the network operator.

20.0 COMPLETION OF THE WORKS

- 20.1 On completion of the works, the Contractor shall remove all the remaining construction plant and material from the site, other than material which is the property of the network operator, and leave the site in a clean, neat and tidy condition. If material and plant is required for the liability and maintenance period the Contract supervisor must authorise it's retention on site.

21.0 PROTECTION OF PERSONS AND PROPERTY

- 21.1 The Contractor shall provide and maintain all lights, guards, barriers, fencing and watchmen when and where necessary or as required by the Contract Supervisor or by any statutory authority, for the protection of the Works and for the safety and convenience of the public.

Red, yellow, green or blue lights may not be used by the Contractor as they can be mistaken for signals. Red, yellow, green or white flags shall only be used for protection by the Contractor. Within the precincts of a port the Contractor shall obtain the permission of the Port Captain before installing any light.

21.2 The Contractor shall take all the requisite measures and precautions during the course of the Works to:

- (i) protect the public and property of the public,
- (ii) protect the property and workmen of both the network operator and the Contractor,
- (iii) avoid damage to and prevent trespass on adjoining properties, and
- (iv) ensure compliance with any instruction issued by the Contract Supervisor or other authorised person, and with any stipulation embodied in the contract documents which affects the safety of any person or thing.

21.3 The network operator will provide, at its own cost, protection for the safe working of trains during such operations as the Contract Supervisor may consider necessary. Protection by the network operator for any purpose whatsoever, does not absolve the Contractor of his responsibilities in terms of the Contract.

21.4 The Contractor shall take all precautions and appoint guards, watchmen and compound managers for prevention of disorder among and misconduct by the persons employed on the Works and by any other persons, whether employees or not, on the work site and for the preservation of the peace and protection of persons and property in the direct neighbourhood. Any relocation of camps because of disorder shall be at the Contractor's expense.

21.5 All operations necessary for the execution of the Works, including the provision of any temporary work and camping sites, shall be carried out so as not to cause veldt fires, ground and environmental pollution, soil erosion or restriction of or interference with streams, furrows, drains and water supplies.

If the original surface of the ground is disturbed in connection with the Works, it shall be made good by the Contractor to the satisfaction of the land owner, occupier or responsible authority.

21.6 The Contractor shall take all reasonable steps to minimise noise and disturbance when carrying out the Works, including work permitted outside normal working hours.

21.7 Dumping of waste or excess materials by the Contractor shall, in urban areas, be done under the direction and control of, and at sites made available by the local authority. Dumping outside local authority boundaries shall be done only with the express permission and under the direction and control of the Contract Supervisor.

21.8 The Contractor shall comply with environmental protection measures and specifications stipulated by the Contract Supervisor and/or local and environmental authorities.

22.0 INTERFERENCE WITH THE NETWORK OPERATOR'S ASSETS AND WORK ON OPEN LINES

22.1 The Contractor shall not interfere in any manner whatsoever with an open line, nor shall he carry out any work or perform any act which affects the security, use or safety of an open line except with the authority of the Contract Supervisor and in the presence of a duly authorised representative of the network operator.

22.2 The Contractor shall not carry out any work or operate any plant, or place any material whatsoever nearer than three metres from the centre line of any open line except with the written permission of the Contract Supervisor and subject to such conditions as he may impose.

22.3 Care must be taken not to interfere with or damage any services such as overhead wire routes, cables or pipes and optical fibre cable, except as provided for the work specified. The Contractor will be held responsible for any damage to or interruption of such services arising from any act or omission on his part or of any of his employees, or persons engaged by him on the Works. The cost of repairing, replacing or restoring the services, as well as all other costs arising from any damage to services, shall be borne by, and will be recovered from the Contractor.

22.4 Authority granted by the Contract Supervisor and the presence of an authorised representative of the network operator in terms hereof, shall not relieve the Contractor of his duty to comply with this specification.

23.0 ACCESS, RIGHTS-OF-WAY AND CAMPSITES

23.1 Where entry onto the network operator's property is restricted, permission to enter will be given only for the purpose of carrying out the Works and will be subject to the terms and conditions laid down by the network operator.

23.2 The Contractor shall arrange for campsites, workplaces and access thereto as well as for any right-of-

way over private property to the site of the Works, and for access within the boundaries of the network operator's property. The owners of private property to be traversed shall be approached and treated with tact and courtesy by the Contractor, who shall, if necessary, obtain a letter of introduction to such property owners from the Contract Supervisor.

The Contractor shall be responsible for the closing of all gates on roads and tracks used by him or his employees. Except with the prior approval of the Contract Supervisor and the owner or occupier of any private land to be traversed, the Contractor shall not cut, lower, damage, remove or otherwise interfere with any fence or gate which is either on the network operator's property or on private property and which restricts access to the Works. Where such approval has been given, the Contractor shall prevent entry of animals or unauthorised persons onto the network operator's or private property, and shall make the fences safe against trespass at the close of each day's work.

23.3 The Contractor shall take all reasonable steps to confine the movement of vehicles and plant to the approved right-of-way to minimise damage to property, crops and natural vegetation.

23.4 When access is no longer required, and before completion of the Works, the Contractor shall repair, restore or replace any fence or gate damaged during execution of the Works to the satisfaction of the Contract Supervisor and shall furnish the Contract Supervisor with a certificate signed by the owner and occupier of land over which he has gained access to a campsite, work place and the Works, certifying that the owner and occupier have no claim against the Contractor or the network operator arising from the Contractor's use of the land. Should the Contractor be unable to obtain the required certificate, he shall report the circumstances to the Contract Supervisor.

24.0 SUPERVISION

24.1 The Contract Supervisor will provide overall technical superintendence of the Works, and may direct the Contractor in terms of the provisions of the Contract or in respect of any measures which the Contract Supervisor may require for the operation of the network operator, the safety of trains, property and workmen of the network operator, and for the safety of other property and persons. The Contractor shall carry out the directions of the Contract Supervisor. The superintendence exercised by the Contract Supervisor, including any agreement, approval, refusal or withdrawal of any approval given, shall not relieve the Contractor of any of his duties and liabilities under the Contract, and shall not imply any assumption by the network operator or by the Contract Supervisor of the legal and other responsibilities of the Contractor in carrying out the Works.

24.2 The Contract Supervisor may delegate to any deputy or other person, any of his duties or functions under the Contract. On receiving notice in writing of such delegation, the Contractor shall recognise and obey the deputy or person to whom any such duties or functions have been delegated as if he were the Contract Supervisor.

24.3 The Contractor shall exercise supervision over the Works at all times when work is performed or shall be represented by an agent having full power and authority to act on behalf of the Contractor. Such agent shall be competent and responsible, and have adequate experience in carrying out work of a similar nature to the Works, and shall exercise personal supervision on behalf of the Contractor. The Contract Supervisor shall be notified in writing of such appointment which will be subject to his approval.

24.4 The Contractor or his duly authorised agent shall be available on the site at all times while the Works are in progress to receive the orders and directions of the Contract Supervisor.

25.0 HOUSING OF EMPLOYEES

25.1 The Contractor shall, where necessary, make his own arrangements for suitable housing of his employees. Where temporary housing is permitted by the Contract Supervisor on any part of the site, the Contractor shall provide suitable sanitation, lighting and potable water supplies in terms of the requirements of the local authority or the current network operator's specification; Minimum Communal Health Requirements in Areas outside the Jurisdiction of a Local Authority - E.4B, as applicable.

25.2 Fouling the area inside or outside the network operator's boundaries shall be prevented. The Contractor will be called upon by the Contract Supervisor to dispose of any foul or waste matter generated by the Contractor.

26.0 OPTICAL FIBRE CABLE ROUTES

26.1 The Contractor shall not handle, impact, move or deviate any optical fibre cable without prior approval.

26.2 Works that in any way affect the optical fibre cable requires prior approval from the Contract Supervisor

who will determine the work method and procedures to be followed.

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PART B - SPECIFICATION FOR WORK NEAR HIGH-VOLTAGE ELECTRICAL EQUIPMENT**27.0 GENERAL**

- 27.1 This specification is based on the contents of Transnet's publication ELECTRICAL SAFETY INSTRUCTIONS, as amended, a copy of which will be made available on loan to the Contractor for the duration of the contract.

These instructions apply to all work near "live" high-voltage equipment maintained and/or operated by the network operator, and the onus rests on the Contractor to ensure that he obtains a copy.

- 27.2 This specification must be read in conjunction with and not in lieu of the Electrical Safety Instructions.
- 27.3 The Contractor's attention is drawn in particular to the contents of Part I, Sections 1 and 2 of the Electrical Safety Instructions.
- 27.4 The Electrical Safety Instructions cover the minimum safety precautions which must be taken to ensure safe working on or near high-voltage electrical equipment, and must be observed at all times. Should additional safety measures be considered necessary because of peculiar local conditions, these may be ordered by and at the discretion of the Electrical Officer (Contracts).
- 27.5 The Contractor shall obtain the approval of the Electrical Officer (Contracts) before any work is done which causes or could cause any portion of a person's body or the tool he is using or any equipment he is handling, to come within 3 metres of any "live" high-voltage equipment.
- 27.6 The Contractor shall regard all high-voltage equipment as "live" unless a work permit is in force.
- 27.7 Safety precautions taken or barriers erected shall comply with the requirements of the Electrical Officer (Contracts), and shall be approved by him before the work to be protected is undertaken by the Contractor. The Contractor shall unless otherwise agreed, bear the cost of the provision of the barriers and other safety precautions required, including the attendance of the network operator's staff where this is necessary.
- 27.8 No barrier shall be removed unless authorised by the Electrical Officer (Contracts).

28.0 WORK ON BUILDINGS OR FIXED STRUCTURES

- 28.1 Before any work is carried out or measurements are taken on any part of a building, fixed structure or earthworks of any kind above ground level situated within 3 metres of "live" high-voltage equipment, the Electrical Officer (Contracts) shall be consulted to ascertain the conditions under which the work may be carried out.
- 28.2 No barrier erected to comply with the requirements of the Electrical Officer (Contracts) shall be used as temporary staging or shuttering for any part of the Works.
- 28.3 The shuttering for bridge piers, abutments, retaining walls or parapets adjacent to or over any track may be permitted to serve as a barrier, provided that it extends at least 2,5 metres above any working level in the case of piers, abutments and retaining walls and 1,5 metres above any working level in the case of parapets.

29.0 WORK DONE ON OR OUTSIDE OF ROLLING STOCK, INCLUDING LOADING OR UNLOADING

- 29.1 No person may stand, climb or work, whilst on any platform, surface or foothold:
- 29.1.1 higher than the normal unrestricted access way, namely -
 - 29.1.1.1 external walkways on diesel, steam and electric locomotives, steam heat vans, etc. and
 - 29.1.1.2 walkways between coaches and locomotives.
 - 29.1.2 of restricted access ways in terms of the Electrical Safety Instructions namely -
 - 29.1.2.1 the floor level of open wagons
 - 29.1.2.2 external walkways or decks of road-rail vehicles, on-track maintenance machines and material trains.
 - 29.1.3 Unauthorised staff working on these platforms must be directly supervised by duly authorised persons in terms of clause 607.1.3 of the Electrical Safety Instructions. These persons must attend the relevant electrical safety module training. A letter of training must then be issued by an accredited training authority. A Category C Certificate of Authority must be obtained from the

local depot examining officer.

- 29.2 When in the above positions no person may raise his hands or any equipment he is handling above his head.
- 29.3 In cases where the Contractor operates his own rail mounted equipment, he shall arrange for the walkways on this plant to be inspected by the Electrical Officer (Contracts) and approved, before commencement of work.
- 29.4 The handling of long lengths of material such as metal pipes, reinforcing bars, etc should be avoided, but if essential they shall be handled as nearly as possible in a horizontal position below head height.
- 29.5 The Responsible Representative shall warn all persons under his control of the danger of being near "live" high-voltage equipment, and shall ensure that the warning is fully understood.
- 29.6 Where the conditions in clauses 30.1 to 30.4 cannot be observed the Electrical Officer (Contracts), shall be notified. He will arrange for suitable Safety measures to be taken. The Electrical Officer (Contracts), may in his discretion and in appropriate circumstances, arrange for a suitable employee of the Contractor to be specially trained by the network operator and at the Contractor's cost, as an Authorised Person to work closer than 3 metres from "live" overhead conductors and under such conditions as may be imposed by the senior responsible electrical engineer of the network operator.

30.0 USE OF EQUIPMENT

30.1 Measuring Tapes and Devices

- 30.1.1 Measuring tapes may be used near "live" high-voltage equipment provided that no part of any tape or a person's body comes within 3 metres of the "live" equipment.
- 30.1.2 In windy conditions the distance shall be increased to ensure that if the tape should fall it will not be blown nearer than 3 metres from the "live" high-voltage equipment.
- 30.1.3 Special measuring devices longer than 2 metres such as survey sticks and rods may be used if these are of non-conducting material and approved by the responsible Electrical Engineer of the network operator, but these devices must not be used within 3 metres of "live" high-voltage equipment in rainy or wet conditions.
- 30.1.4 The assistance of the Electrical Officer (Contracts) shall be requested when measurements within the limits defined in clauses 31.1.1 to 31.1.3 are required.
- 30.1.5 The restrictions described in 31.1.1 to 31.1.3 do not apply on a bridge deck between permanent parapets nor in other situations where a barrier effectively prevents contact with the "live" high-voltage equipment.

30.2 Portable Ladders

- 30.2.1 Any type of portable ladder longer than 2 metres may only be used near "live" high-voltage equipment under the direct supervision of the Responsible Representative. He shall ensure that the ladder is always used in such a manner that the distance from the base of the ladder to any "live" high-voltage equipment is greater than the fully extended length of the ladder plus 3 metres. Where these conditions cannot be observed, the Electrical Officer (Contracts) shall be advised, and he will arrange for suitable safety measures to be taken.

31.0 CARRYING AND HANDLING MATERIAL AND EQUIPMENT

- 31.1 Pipes, scaffolding, iron sheets, reinforcing bars and other material which exceeds 2 metres in length shall be carried completely below head height near "live" high-voltage equipment. For maximum safety such material should be carried by two or more persons so as to maintain it as nearly as possible in a horizontal position. The utmost care must be taken to ensure that no part of the material comes within 3 metres of any "live" high-voltage equipment.
- 31.2 Long lengths of wire or cable shall never be run out in conditions where a part of a wire or cable can come within 3 metres of any "live" high-voltage equipment unless the Electrical Officer (Contracts) has been advised and has approved appropriate safety precautions.
- 31.3 The presence of overhead power lines shall always be taken account of especially when communications lines or cables or aerial cables, stay wires, etc. are being erected above ground level.

32.0 PRECAUTIONS TO BE TAKEN WHEN ERECTING OR REMOVING POLES, ANTENNAE, TREES ETC.

- 32.1 A pole may be handled for the purpose of erection or removal near high-voltage equipment under the following conditions:

(i) If the distance between the point at which the pole is to be erected or removed and the nearest "live" high-voltage equipment is more than the length of the pole plus 3 metres, the work shall be supervised by the Responsible Representative.

(ii) If the distance described in (i) is less than the length of the pole plus 3 metres, the Electrical Officer (Contracts) shall be consulted to arrange for an Authorised Person to supervise the work and to ensure that the pole is earthed where possible. The pole shall be kept in contact with the point of erection, and adequate precautions shall be taken to prevent contact with "live" high-voltage equipment.

32.2 The cost of supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.

32.3 The provisions of clauses 33.1 and 33.2 shall also apply to the erection or removal of columns, antennae, trees, posts, etc.

33.0 USE OF WATER

33.1 No water shall be used in the form of a jet if it can make contact with any "live" high-voltage equipment or with any person working on such equipment.

34.0 USE OF CONSTRUCTION PLANT

34.1 "Construction plant" entails all types of plant including cranes, piling frames, boring machines, excavators, draglines, dewatering equipment and road vehicles with or without lifting equipment.

34.2 When work is being undertaken in such a position that it is possible for construction plant or its load to come within 3 metres of "live" high-voltage equipment, the Electrical Officer (Contracts) shall be consulted. He will arrange for an Authorised Person to supervise the work and to ensure that the plant is adequately earthed. The Electrical Officer (Contracts) will decide whether further safety measures are necessary.

34.3 The cost of any supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.

34.4 When loads are handled by cranes, non-metallic rope hand lines shall be used, affixed to such loads so as to prevent their swinging and coming within 3 metres of "live" high-voltage equipment.

34.5 Clauses 35.1 to 35.4 shall apply *mutatis mutandis* to the use of maintenance machines of any nature.

35.0 WORK PERFORMED UNDER DEAD CONDITIONS UNDER COVER OF A WORK PERMIT

35.1 If the Responsible Representative finds that the work cannot be done in safety with the high-voltage electrical equipment "live", he shall consult the Electrical Officer (Contracts) who will decide on the action to be taken.

35.2 If a work permit is issued the Responsible Representative shall-

(i) before commencement of work ensure that the limits within which work may be carried out have been explained to him by the Authorised Person who issued the permit to him, and that he fully understands these limits.

(ii) sign portion C of the permit before commencement of work;

(iii) explain to all persons under his control the limits within which work may be carried out, and ensure that they fully understand these limits;

(iv) care for the safety of all persons under his control whilst work is in progress; and

(v) withdraw all personnel under his control from the equipment on completion of the work before he signs portion D of the work permit.

36.0 TRACTION RETURN CIRCUITS IN RAILS

36.1 DANGEROUS CONDITIONS CAN BE CREATED BY REMOVING OR SEVERING ANY BOND.

36.2 Broken rails with an air gap between the ends, and joints at which fishplates are removed under "broken bond" conditions, are potentially lethal. The rails on either side of an air gap between rail ends on electrified lines shall not be touched simultaneously until rendered safe by the network operator personnel.

36.3 The Contractor shall not break any permanent bonds between rails or between rails and any structure. He shall give the Contract Supervisor at least 7 days written notice when removal of such bonds is necessary.

36.4 No work on the track which involves interference with the traction return rail circuit either by cutting or removing the rails, or by removal of bonds shall be done unless the Electrical Officer (Contracts) is consulted. He will take such precautions as may be necessary to ensure continuity of the return circuit before permitting the work to be commenced.

37.0 HIGH-VOLTAGE ELECTRICAL EQUIPMENT NOT MAINTAINED AND/OR OPERATED BY THE NETWORK OPERATOR

Where the work is undertaken on or near high-voltage electrical equipment which is not maintained and/or operated by the network operator, the Occupational Health and Safety Act No. 85 of 1993, and Regulations and Instructions, or the Mines Health and Safety Act (Act 29 of 1996), shall apply.

Such equipment includes:-

- (i) Eskom and municipal equipment;
- (ii) The Contractor's own power supplies; and
- (iii) Electrical equipment being installed but not yet taken over from the Contractor.

END

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RADIUS (m)	WITH CANT		NO CANT		WITH CANT	
	H (mm)	L (mm)	H & L		B (mm)	C (mm)
90	2 730	3 090	2 780		1 130	2 100
100	2 700	3 030	2 750		1 140	2 050
120	2 650	2 970	2 700		1 160	1 910
140	2 620	2 920	2 660		1 175	1 890
170	2 590	2 870	2 630		1 190	1 890
200	2 570	2 820	2 600		1 205	1 950
250	2 550	2 790	2 580		1 230	1 920
300	2 540	2 760	2 560		1 250	1 900
350	2 530	2 730	2 540		1 270	1 890
400	2 520	2 710	2 530		1 290	1 875
500	2 510	2 680	2 520		1 320	1 850
600	2 500	2 660	2 510		1 340	1 830
800	2 490	2 620	2 500		1 365	1 790
1 000	2 480	2 600	2 490		1 380	1 760
1 200	2 480	2 580	2 490		1 200	1 730
1 500	2 480	2 550	2 480		1 415	1 700
2 000	2 480	2 500	2 480		1 440	1 660
3 000	2 470	2 470	2 470		1 500	1 600
>5 000	2 460	2 460	2 460		1 600	1 600

REMARKS:

1. H AND B IS THE REQUIRED HORIZONTAL CLEARANCE ON THE OUTSIDE OF THE CURVE BASED ON MINIMUM CANT.
2. L AND C IS THE REQUIRED HORIZONTAL CLEARANCE ON THE INSIDE OF THE CURVE BASED ON MAXIMUM CANT.
3. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
4. FOR WORKSHOP AREAS AND TEMPORARY WORK, CLEARANCES H AND L MAY BE REDUCED BY 300mm.
5. SEE ANNEXURE 1 SHEET 3 FOR PLATFORM CLEARANCES.
6. ALSO REFER TO REMARKS 4 TO 8 OF ANNEXURE 1 SHEET 2.



REMARKS:

1. V IS THE REQUIRED VERTICAL CLEARANCE EXCEPT WHERE REDUCED CLEARANCE S APPLIES.
2. S IS THE MINIMUM VERTICAL CLEARANCE FOR STRUCTURES AND TEMPORARY WORK OVER NON-ELECTRIFIED LINES.
3. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
4. FOR APPLICATION AT CURVES
 - 4.1 APPLY INCREASED CLEARANCES FOR CURVES TO POINTS 3m BEYOND THE ENDS OF THE CIRCULAR CURVE.
 - 4.2 REDUCE CLEARANCES AT A UNIFORM RATE OVER THE REMAINDER OF THE TRANSITION CURVE.
 - 4.3 FOR NON-TRANSITIONED CURVES REDUCE AT A UNIFORM RATE OVER A LENGTH OF 15m ALONG STRAIGHTS.
5. NEW STRUCTURES: SEE BRIDGE CODE.
6. TUNNELS: SEE DRAWING BE 82-35.
7. FOULING POINTS: SEE CLAUSE 8.1.
8. CLEARANCES ARE BASED ON 15m BOGIE CENTRES AND 21,2m VEHICLE BODY LENGTH.
9. SEE ANNEXURE 1 SHEET 3 FOR PLATFORM CLEARANCES.

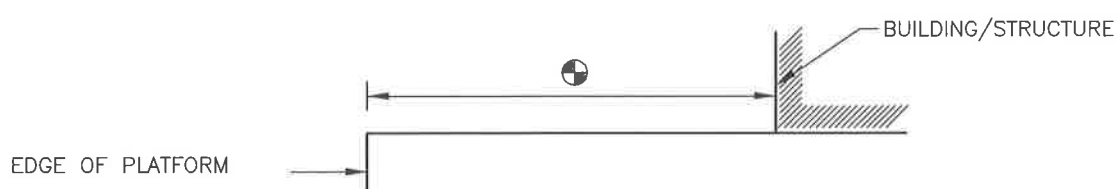
PLATFORMS : TRACK GAUGE 1 065mm

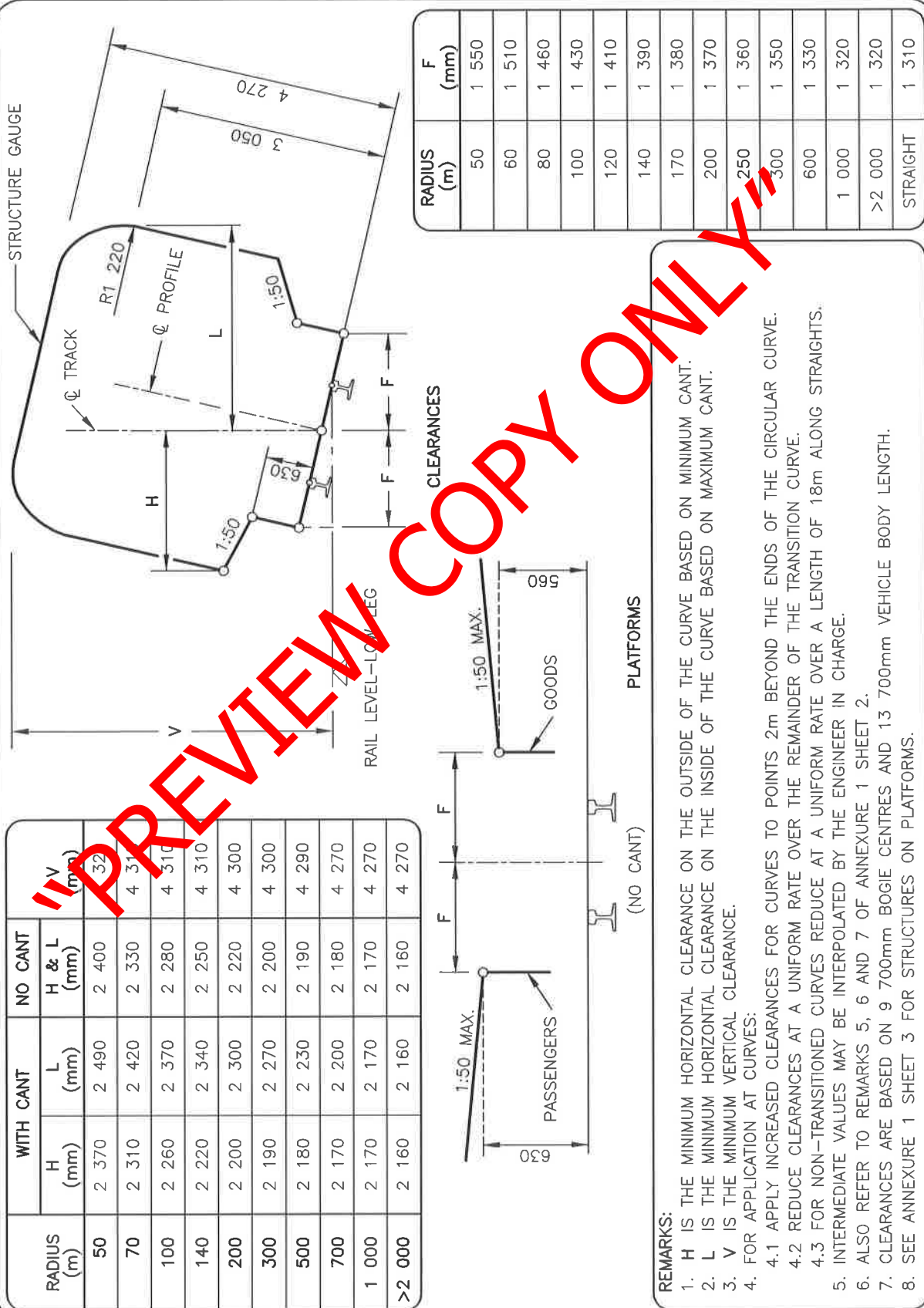
PASSENGERS					GOODS
					(NO CANT)
RADIUS (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
90	1 690	1 820	890	810	1 840
100	1 650	1 790	890	810	1 810
120	1 610	1 740	890	810	1 760
140	1 580	1 700	890	810	1 720
170	1 550	1 660	890	810	1 690
200	1 530	1 630	890	820	1 670
250	1 520	1 600	890	820	1 640
300	1 520	1 580	890	830	1 620
350	1 520	1 560	880	830	1 600
400	1 520	1 550	880	840	1 590
500	1 520	1 540	880	850	1 580
600	1 520	1 530	870	850	1 570
800	1 520	1 520	860	860	1 560
1 200	1 520	1 520	860	860	1 550
2 000	1 520	1 520	860	860	1 540
3 000	1 520	1 520	860	860	1 530
STRAIGHT	1 520	1 520	860	860	1 520

REMARKS:

1. NO CANT TO BE APPLIED EXCEPT WHEN THE GOODS PLATFORM IS ON A RUNNING LINE.
2. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
3. 8m TO MAIN STATION-BUILDINGS AND 3m TO ALL OTHER STRUCTURES.
4. TOLERANCES : SEE CLAUSE 8.0.10.

STRUCTURES ON PLATFORMS : 1 065mm AND 610mm TRACK GAUGE





Part C4: Site Information

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Part C4

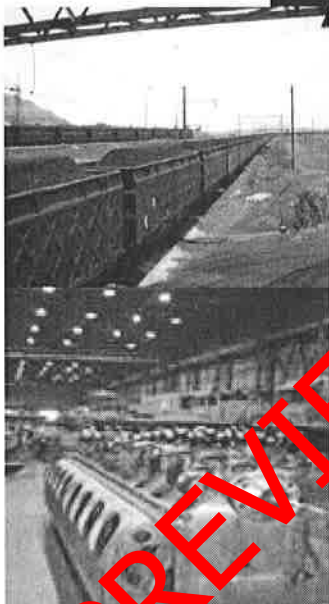
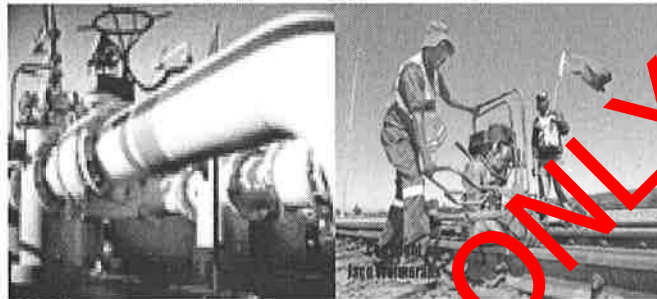
Site Information

4 Site Information

- 4.1 Attached are preliminary construction layout drawings and demolition plan for tender purposes only.
- 4.2 The Contractor shall attend the site clarification meeting and acquaint himself with the nature of the works, the conditions under which the work is to be performed, and the means of access to the site, any limitations or other authorities and in general with all matters that may influence or affect the contract.

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TRANSNET



Transnet
Procedure Manual
Principal Controlled Insurance
Contract Works &
Contractors Public Liability
2013/14 A



General

Please note that this procedure manual is presented as a guide only. Whilst every effort is made to ensure accuracy in summarising the insurance contracts, the policies issued by insurer will prevail as binding documents in the event of a claim.

The contents are confidential and for use by Transnet, its operating divisions and managers only.

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ANNEXURE 1	
Transnet Principal Controlled Construction Insurance Programme Contract Award Declaration (Part A) Contract Completion Declaration (Part B) Variation Order / Extension Request (Part C) Project Specific, One Off or Multiple Packages R100m and above (Form A1)	
ANNEXURE 2	
Incident Advice Form	
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Monthly Contract Register Control Sheets	

Introduction

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Introduction

TRANSNET SOC LIMITED insures all Projects / Contracts on a Principal Controlled Insurance Programme basis (including the Assembly and/or Erection of Plant and Machinery) in respect of Contract Works and Contractors Public Liability.

Transnet Freight Rail (TFR) as an operating division of Transnet is therefore covered by the overall Transnet policy.

Philosophy of the programme

- ❶ Transnet SOC Limited and its Operating Divisions and Specialist Units wish to control the risk exposures in this regard.
- ❷ Transnet SOC Limited, as a large organization, bulk-buys - resulting in preferential rates and cover.
- ❸ Simplified administration.
- ❹ Eliminates potential problems which usually occur when individual Contractors are responsible to arrange separate insurance.
- ❺ Includes the Contractor and/or Subcontractors as an insured party.

The Transnet SOC Ltd Principal Controlled Insurance Programme comprises:

- ❶ Blanket Principal Controlled Contract Works Insurance hereinafter abbreviated as (PCI) - This policy is specifically designed to provide indemnity for contracts up to **R 100 million VAT exclusive but inclusive of Free Issue Material.**
- ❷ Principal Controlled Contractors Liability Insurance hereinafter abbreviated as (PCI LIAB) - This policy provides indemnity for all contracts up to **R 100 million VAT exclusive but inclusive of Free Issue Material.**
- ❸ Principal Controlled One Off Insurance hereinafter abbreviated as (PCI One Off) - This policy provides indemnity for all contracts with values in excess of **R 100 million VAT exclusive but inclusive of Free Issue Material.***
- ❹ Project Specific Insurance hereinafter abbreviated as (PSI Projects) - This policy will indemnify any project comprising Multiple Packages.*

*NOTE

Insurance cover arrangements for these categories is subject to prior notification and arrangement with TFR Insurance Department (see contact details herein) as specific underwriting information is required for soliciting quotations for cover.

- It is therefore important that Tender and eventual Contract documents reflect the fact that Transnet as the Principal (i.e. the Employer) arranges certain covers which incorporates cover on behalf of Contractor's and / or Subcontractor's.
- The concept does not relieve the contracting parties of their responsibilities for, amongst others, care of the works and liabilities to third parties.

Insurance Responsibilities

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Insurance Responsibilities

1. Cover arranged by Transnet as the Principal (Employer)

1.1 Insurance Cover Applicable to all Contracts

Principal Controlled Insurance Programme	Estimated Contract Values any one Contract inclusive of Free Issue Material
PCI Contract Works (PCI)	Up to R100 million VAT exclusive
SASRIA on Contract Works	Up to R100 million VAT exclusive
PCI Liability (PCI LIAB)	Up to R100 million VAT exclusive
PCI One Off Contract Works & Liability (PCI One Off's)	In excess of R 100 million VAT exclusive
Project Specific Insurance Contract Works & Liability (PSI Projects)	In excess of R 100 million VAT exclusive comprising multiple packages

Note

- **PCI, PCI LIAB and PCI One Off's** are normally arranged for single contracts.
- **PSI Projects** in most instances comprise a multitude number of different packages included in a package plan and is normally managed by Transnet Capital Projects on behalf of the Operating Divisions.

1.1.1 Contract Works Cover Policy No MZAR10010

Covering fortuitous physical loss or damage to the works, temporary works and materials for incorporation into the works whilst in inland transit and whilst at the contract site.

Limited to **R100,000,000** any one contract inclusive of Free Issue Material (**Exclusive of VAT**)

1.1.2 Public Liability Cover Policy No S04089

Covering legal liability arising out of or connection with the performance of the works on the contract site or sites designated by Transnet for purposes of the performance of the contract.

Limited to **R25,000,000** any one occurrence.

1.1.3 Riot / Strike Cover (Contract Works) Coupon CW 9137466/2013

Provided by:
SASRIA (South African Special Risks Insurance Association) in respect of risks with RSA.

1.2 Additional Insurances (Optional)

1.2.1 Marine Transit Cover

Covering imports until delivered and checked on site.

1.2.2 Project Delay Cover

Covering consequential financial exposures due to delays following indemnifiable loss or damage to the works.

The above information (including limits of insurance purchased) should be clearly spelt out in Tender and eventual Contract documentation including the deductible (excess) which are applicable and the fact that Contractor's and/or Subcontractor's are responsible for the deductible.



2. Cover to be arranged by Contractor's/Subcontractor's

All Contractor's/Subcontractor's still remain fully responsible to arrange insurance in respect of the following:

- ❖ As prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 as amended.
- ❖ Employers Common Law Liability.
- ❖ Own plant, machinery, equipment and tools.
- ❖ Motor Vehicle Liability.
- ❖ Professional Indemnity (Defective Design).

This should also be clearly spelt out in Tender and eventual Contract documentation.

3. Cover to be arranged by Consulting Engineers, Architects & Other Professionals

Professional Indemnity (defects in Design, Plan or Specification).

Please ensure that Professional Service Providers do not contract out of their liability in this regard. (Please refer to Transnet Group Insurance for recommendation and approved limits).

4. Deviations

In case where there are compelling reasons to deviate from this process, please obtain approval from TFR Insurance Department for the attention of:

Kgomotso Saul

Manager: General Insurance

Tel – (011) 584 0524

Cell – 083 791 0759/083 233 4961

E-mail: Kgomotso.Saul@transnet.net

Summary of Cover - General

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Summary of Cover - General

The Insured Parties

- Transnet SOC Limited and / or its Subsidiary Companies as Principal or Employer.
- All Contractors undertaking work for or on behalf of the Principal in execution of the Contract.
- All Subcontractor's employed by the Contractor and all other Subcontractor's (whether nominated or otherwise) engaged in the fulfillment of the Contractor.
- To the extent required by any Contract or Agreement suppliers manufacturers vendors or other persons engaged on the contract sites but only to the extent of loss damage or liability originating at the Contract Site (other than while the Property Insured is in transit) arising out of the performance of their Contract Site obligations.

Insured Contracts

All contracts undertaken by the Insured involving but not limited to Design Construction, Testing, Commission in respect of new works, geotechnical and exploratory works, capital expenditure, upgrade, modification, maintenance and/or overhaul and/or refurbishment, renovation, retrofitting or alteration and/or additions to existing facilities and/or re-profiling of track, vegetation control, rehabilitation and ballast tamping activities undertaken by the Insured or other Insured Parties acting on their behalf but excluding:

- Contracts where the contract value including the value of Free Issue Material exceeds **R100,000,000** (Exclusive of VAT).
- Contracts where the duration of the contract exceeds **36 months**.
- Contracts where the contractual Defects Liability / Maintenance period exceeds **24 months**.
- Contracts involving harbor work risks being all work entailing or involving work in or upon water whether partially or fully submerged such as but not limited to quay walls, wharfs, seawalls, caissons, breakwaters, jetties, piers, deepening or widening and dredging of ports and other off-shore risks.
- Contracts involving construction or erection of Petrochemical Manufacturing Plant(s) such as Sasol but this exclusion shall not apply to pipelines and other works undertaken by or on behalf of Transnet Pipelines Limited.
- Contracts outside of the Republic of South Africa.
In territories outside of South Africa it is required in terms of their Insurance Acts that insurance cover be placed with their local markets. It is therefore important that the Insurance Department be advised at feasibility stage (prior to Tender documents being issued) should any contracts, whether as Principal or Contractor, take place in any Territory outside of the Republic of South Africa.

Contract Site

Any location upon which the Insured Contract(s) is to be executed or carried out as more fully defined in the Insured Contract(s) documents together with so much of the surrounding area as may be designated for the performance of the Insured Contract(s) within the Republic of South Africa.



Principal Controlled Insurance Programme	Estimated Contract Values any one Contract inclusive of Free Issue Material
PCI Contract Works (PCI)	Up to R100 million VAT exclusive
SASRIA on Contract Works	Up to R100 million VAT exclusive
PCI Liability (PCI LIAB)	Up to R100 million VAT exclusive
PCI One Off Contract Works & Liability (PCI One Off's)	In excess of R 100 million VAT exclusive
Project Specific Insurance Contract Works & Liability (PSI Projects)	In excess of R 100 million VAT exclusive comprising multiple packages

- To extend the contract period beyond 36 months will attract an additional premium.
(See Administrative Procedures herein).

Declaration Procedure

All Contracts up to **R100m (VAT exclusive)** including the value of Free Issue Material must be declared to **Willis South Africa** (see contact details herein) in terms of the attached declaration form marked as Annexure1 prior to commencement of the Works.

Premium Payment Procedure

The deposit premium for this cover will be paid by the TFR Insurance Department as part of Transnet's blanket cover. There will be a final premium adjustment at the end of the insurance period and TFR Insurance Department reserves the right to recoup this additional premium from the various contracts owners as per their respective declarations during the year.

Claims Reporting

- All incidents that could give rise to claim under the Principal Controlled Insurances, **HAVE TO BE** reported to **TFR Insurance Department and Willis South Africa** by means of an Incident Advice Form (Annexure 2).
- All incidents/claims must be captured on **TOMS** by the department involved.
- All incidents/claims must be registered in terms of **TFR Unique Claim Numbering System**.
- All incidents/claims must be reported to Insurers no later than **30-days** after occurrence of the incident which may give rise to a claim under the Contract Works or Liability insurance.

Failing this, all benefits in terms of the Policy shall be voidable from date of occurrence. It is essential that this condition is brought to the attention of Contractors in Tender/Contract Documents.

Summary of Cover

Contract Works Insurance

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Contract Works Insurance

Synopsis of Cover

Accidental physical loss of or damage to the works or materials for incorporation in the works:

- During dismantling of property in connection with the Insured Contracts.
- Whilst in transit, including loading and unloading, or whilst temporarily stored at any premises en route to or from The Contract Site within the Republic of South Africa;
- During the preparation of The Contract Site and thereafter until the Property Insured has been officially accepted by the Employer and becomes his responsibility by means of a Notice of Completion Certificate or similar evidence of legal transfer of risk in the whole or permanent works under the Insured Contract to the Employer;
- Where testing and commissioning of Property Insured is conducted by the Employer "completion" for purposes of this insurance to occur only after successful completion of all testing and commissioning of the whole of the permanent works under the Insured Contract;
- Where the permanent property insurance arranged by the Employer indemnify the Insured for completed portions of the Property Insured prior to completion of the whole of the permanent works under the Insured Contract, this insurance in respect of such completed portions of the Property Insured shall cease except as provided below;
- Work uncompleted or outstanding in terms of any certificate of completion, certificate of handover or similar document shall continue to be insured until its completion and the inception of the Contractual Defects Liability or Maintenance Period (as may be described in the Insured Contract) for such uncompleted or outstanding work where after the provision hereafter shall apply in respect of such work;
- During the Contractual Defects Liability or Maintenance Period (as may be described in the Insured Contract) pertaining to any part of the permanent works but only in respect of loss or damage:
 - i) arising from a cause occurring prior to commencement of such period of maintenance or defects liability period
 - ii) arising from any act or omission of the Insured their Servants, Agents, Suppliers or Subcontractors in pursuance of the Insured's obligations.

for which the insured Contractor is responsible under the Contract.

Contract Period Limitation

Maximum Contract period	36 months
Maximum Defects Liability / Maintenance Period	24 Months



Limits of indemnity (VAT exclusive)

Contract Works (Any One Contract) including Free Issue Material	R100,000,000
Costs & Expenses (Damage & No Damage)	R10,000,000
Surrounding Property	R50,000,000
Surrounding Property – Worked Upon	R50,000,000
Surrounding Property – Watercraft	R50,000,000
Fire Brigade/Public Authority	R10,000,000
Removal to Gain Access	R10,000,000
Documentation	R500,000
Public Authority Reinstatement	R10,000,000
Claims Preparation Costs	R1,000,000
Road Reserve/Servitude Indemnity	R10,000,000
Leak Search Cost	R1,000,000 in the aggregate
Maximum testing / commissioning period	90 days
Borrowing of Plant	R1,000,000 in the aggregate
Maximum un-sealed / un-primed base course limitation	5,000 metres
Maximum open trench limitation	5,000 metres

Deductibles (VAT exclusive)

The deductible (excess) is the amount which the Contractor and/or Sub-Contractor is responsible for and this obligation must be reflected in the Tender and/or Contract Documents and the responsibility for same made clear. The deductibles apply to each and every occurrence and in respect of all Contracts.

The deductibles are:

Loss or damage due to storm, rain, tempest, wind, flood, theft, malicious damage, subsidence, collapse, earthquake, testing or commissioning	R25,000
Loss or damage arising from any other cause	R15,000
Costs & Expenses (No Damage)	R25,000
Loss or damage to Surrounding Property	R75,000
Loss or damage to Documentation	R5,000
Road Reserve / Servitude	R250,000

All Contracts Entailing Trenching and / or Layer Works

The following additional deductibles apply over and above the aforesaid deductibles: - i.e. in excess of 1,000 metres

Up to a maximum of 3,000metres 20% of loss / minimum R50,000

Up to a maximum of 5,000metres 20% of loss / minimum R100,000

It is essential that this is brought to the attention of Contractor's. Where this restriction is not practical, specific arrangements for cover can be made with underwriters. They will, however, require detailed underwriting information and an additional premium may be charged.



Property Insured

The actual Contract Works and all material intended for incorporation into the Works (*including Free Issue Material* the value of which has to be included in the Contract Value declared*) and Temporary Works.

* **Note:** Where Transnet for the purposes of the Contract issues materials 'free of charge' to the Contractor such materials shall be and remain the property of the Transnet. Free Issue Material shall mean any material provided by or on Transnet's behalf which is to be used in the provision of the Service or incorporated into the Contract.

** **Note:** Temporary Works shall mean all constructional aids, equipment, structures or works (not being part of the permanent works) used or intended for use on the Contract and which :-

- a) do not comprise mobile plant;
- b) are not intended to be removed from The Contract Site on completion of the Contract (other than scaffolding shuttering and formwork as well as construction equipment specially designed and/or constructed for an Insured Contract and which is not intended for immediate re-use on another Contract); or
- c) have no residual value at the completion of the Contract (other than scrap value) solely due to their specialised nature.

Main Exceptions/Exclusions

- The amount of the policy deductible.
- Loss or damage of money or the like.
- Aircraft, waterborne vessels or craft.
- Construction plant, tools or equipment.
- Losses by disappearance / shortage discovered by taking of routine inventory.
- Defective material workmanship design plan or specification (but resultant damage covered).
- Cost of re-design, improvement, betterment or alteration.
- Consequential loss, liquidated damages or penalties for delay in connection with guarantee or performance or efficiency.
- Air transit (unless in territorial limits).
- Ocean transit or whilst in storage thereafter (unless immediately inspected by an independent party after offloading from vessel).
- During the Contractual Defects Liability or Maintenance Period (as may be described in the Insured Contract) pertaining to any part of the permanent works but only in respect of loss or damage:
 - i) arising from a cause occurring prior to commencement of such period of maintenance or defects liability period
 - ii) arising from any act or omission of the Insured his Servants or Agents, in the course of the work carried out in pursuance of the Insured's obligations with regard to maintenance under the Contract.
- Wear, tear, gradual deterioration rust, corrosion or oxidation and normal up-keep.
- Electrical or mechanical breakdown or explosion to machinery or plant which has operated under load conditions prior to commencement of the Insured Contract or in respect of new machinery or plant which has occurred after a Testing / Commissioning Period of 90-days.
- Damage to any unsealed / unprimed or base course in excess of limitations as stated in the policy.
- Damage to any open trench in excess of the limitations as stated in the policy.
- War, asbestos and nuclear risks.
- Sinking (whether partial or in whole) of any watercraft arising out of or in consequence of any work undertaken below the load line (international load line / plimsoll line).
- Loss or damage due to normal actions of the sea (as defined in the policy).

Cover Limitations

Unsealed / Unprimed Base Course

- Unsealed / unprimed base course – cover limited to a maximum of 5,000 metres.

Open Trench

- Open trench – cover limited to a maximum indemnity of 5,000 metres.

It is essential that the above limitations are brought to the attention of Contractor's. Where this restriction is not practical, specific arrangements for cover can be made with Underwriters. They will, however, require detailed underwriting information and an additional premium may be charged.

Used Plant – Basis of Loss Settlement

Insured property which has operated under service conditions prior to attachment of cover:-

- Up to 5 years - cost of repair / reinstatement / replacement.
- In excess of 5 years - agreed value (calculated on basis of each life year (or part thereof) on present day New Replacement Value reduced proportionally over 20 years subject to residual of 20%).

Summary of Cover

Contractors Public Liability Insurance

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Contractors Public Liability Insurance

Insured Contracts

All contracts undertaken by the Insured involving but not limited to Design Construction, Testing, Commission in respect of new works, geotechnical and exploratory works, capital expenditure, upgrade, modification, maintenance and/or overhaul and/or refurbishment, renovation, retrofitting or alteration and/or additions to existing facilities and/or re-profiling of track, chemical vegetation control, vegetation rehabilitation and ballast tamping activities undertaken by the Insured or other Insured Parties acting on their behalf but excluding:

- ❶ Contracts where the contract value including the value of Free Issue Materials exceeds **R100,000,000** (Exclusive of VAT).
- ❷ Contracts where the duration of the contract exceeds 36 months.
- ❸ Contracts where the contractual Defects Liability / Maintenance period exceeds 24 months.
- ❹ Contracts involving harbor wet risks being all work entailing or involving work in or upon water whether partially or fully submerged such as but not limited to quay walls, wharfs, seawalls, caissons, breakwaters, jetties, piers, deepening or widening and dredging of ports and other off-shore risks.
- ❺ Contracts involving construction or erection of Petrochemical Manufacturing Plant(s) such as Sasol but this exclusion shall not apply to pipelines and other works undertaken by or on behalf of Transnet Pipelines Limited.
- ❻ Contracts outside of the Republic of South Africa.
In territories outside of South Africa it is required in terms of their Insurance Acts that insurance cover be placed with their local markets. It is therefore important that the Willis South Africa be advised at feasibility stage (prior to Tender documents being issued) should any contracts, whether as Principal or Contractor, take place in any Territory outside of the Republic of South Africa.
- ❼ Limited to a maximum contract period of 36 months followed by a maximum Defects Liability / Maintenance period of 24 months.

Synopsis of Cover

Legal Liability to pay as compensation for and in consequence of:

- ❶ Death of or injury to or illness or disease contracted by any person.
- ❷ Loss of / or physical damage to tangible property.

Occurring during the period of insurance and arising out of or in connection with the performance of the Insured Contract(s).

Limits of Indemnity

Contractors Public Liability	R25,000,000 any one occurrence / unlimited for the Period of Insurance
Removal of Support	R25,000,000 unlimited for the Period of Insurance
Statutory Legal Defence Costs	R25,000,000 any one occurrence
Arrest / Assault / Defamation	R25,000,000 any one occurrence
Emergency Medical Expenses	R25,000,000 any one occurrence
Prevention of Access	R25,000,000 any one occurrence
Trespass / Nuisance	R25,000,000 any one occurrence
Claims Preparation Costs	R2,500,000 any one occurrence



Deductibles

The deductible (excess) is the amount which the Contractor and/or Sub-Contractor is responsible for and this obligation must be reflected in the Tender and/or Contract Documents and the responsibility for same made clear. The deductibles apply to each and every occurrence and in respect of all Contracts.

The deductibles are:

Loss of or damage to public utilities	R25,000
Spread of fire or burning of fire breaks	R50,000
Loss of or damage to any other property	R25,000
Loss of or damage to property arising from removal of support	R50,000
Loss of or damage arising out of vegetation control including but not limited to the use of pesticides	R50,000

Main Exceptions/Exclusions

- The amount of the policy deductible.
- Death or injury to own employees.
- Motor vehicle liabilities under legislation or as defined in Multi-lateral Motor Vehicles Accident Fund No. 93 of 1989 as amended.
- Claims in connection with ownership or use of aircraft or watercraft.
- Property belonging to the Insured or in his care custody and control (as defined in the Policy).
- Property forming part of Contract Works.
- Liquidated damages or penalties for delays or in respect of performance or efficiency guarantees.
- The cost of making good faulty workmanship materials design plan or specification in any part of the Property insured.
- Gradual pollution and contamination.
- Sudden unintended and unforeseen seepage, pollution or contamination including the cost of removing, neutralizing or cleaning up in respect of both ocean and harbour going watercraft outside of dry dock.
- After completion and handover (inclusive of the contractual Defects / Maintenance period).
- Punitive damages.
- Ownership hiring or leasing of any airport or airstrip.
- War, asbestos and nuclear risks.

Cover Limitation

Indemnity for removal of support is limited to **R25,000,000**.

If a higher limit of indemnity is required, TFR Insurance Department and Willis South Africa needs to be advised and underwriting information will need to be provided in advance (i.e. prior to Tender stage) and this will entail an additional premium.

Administrative Procedures

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Administrative Procedures

Arranging Insurance cover – contracts up to R100m

The Operating Divisions and Specialist Units must

Prior to the commencement of each Contract:-

- Complete the Declaration Form per Part A as per Annexure 1 herein. Please note that in terms of SASRIA regulations where the Contract Value exceeds R2 million, the physical address of the Contract is mandatory. Where track is being worked upon, the start and end points are required.
- Date and sign the Declaration Form.
- Submit the Declaration Form to the Broker (Willis South Africa).

Cover will be effective from the date of receipt of the Declaration Form by Willis South Africa who will acknowledge receipt of the same.

An Insurance Certificate and a SASRIA Coupon evidencing cover can be issued on specific request.

Prior to the expiry of each Declarations estimated completion date:-

- Confirm to Willis South Africa that the contract will be completed on time.
- On completion submit to the Willis South Africa a Declaration of the final contract value per Part B as per Annexure 1 herein.
- NB** If the original completion date is not going to be achieved, the period of insurance on the Declaration document will need to be extended and Willis South Africa needs to be notified **prior to original completion date**.
The Operating Divisions and Specialist Units (**prior to the expiry date of the certificate period**) has to advise Willis South Africa in writing to extend the period of insurance and provide the new estimated completion date.
- NB** If a completion date needs to be extended and Willis South Africa is not advised prior to the original completion date, all SASRIA cover will cease on the originally declared completion date as there is no hold covered arrangement with SASRIA.

A new SASRIA Coupon will then only be issued for the extension period from the date when the Insurer is advised in writing by the Broker.

Under these circumstances the new SASRIA Coupon will be subject to an additional premium, subject to the minimum premium.

This process needs to be followed by the Operating Divisions and Specialist Units until the time of completion is achieved.

Once the Contract has been completed:-

- The Operating Divisions and Specialist Units have to declare the final contract value to Willis South Africa per Part B as per Annexure 1 herein.
- The deposit premium will then be adjusted accordingly.

Failure by the Operating Divisions and Specialist Units to conform to the above procedure will result in cover being voided.



Contracts that require specific arrangements (i.e. in excess of R100m)

All contracts that fall outside the scope of this Principal Controlled Insurance Programme have to be advised to TFR Insurance Department prior to Tender and specific "One Off" cover will need to be negotiated.

These are:

- Contracts where the contract value including the value of Free Issue Material exceeds **R100,000,000 (Exclusive of VAT)**.
- Contracts where the duration of the contract exceeds **36 months**.
- Contracts where the contractual Defects Liability / Maintenance period exceeds **24 months**.
- Contracts involving **harbor wet risks being all work entailing or involving work in or upon water** whether partially or fully submerged such as but not limited to quay walls, wharfs, seawalls, caissons, breakwaters, jetties, piers, deepening or widening and dredging of ports and other off-shore risks.
- Contracts involving **construction or erection of Petrochemical Manufacturing Plant(s)** such as Sasol but this exclusion shall not apply to pipelines and other works undertaken by or on behalf of Transnet Pipelines Limited.
- Contracts **outside of the Republic of South Africa**.

Contracts where cover limitations will be exceeded or where cover warranties cannot be complied with need to be discussed with the TFR Insurance Department prior to contract award date to enable Willis South Africa to make specific arrangements with Underwriters. This will however require detailed Underwriting Information and an additional premium may be charged.

In order to ensure that Contractors and site staff are aware of procedures a copy of this Procedure Manual must be supplied to the contract administrators and each Contractor on award of contract

PCI AND PCI PL

BLANKET PRINCIPAL CONTROLLED INSURANCE CONTRACT DECLARATION AND EXTENSION TEMPLATES

Procurement & Depots, on receipt of this attachment please:

This schedule only applies to Contracts max value R 100 million inclusive of Free Issue Material but exclusive of VAT

- a) Save electronic versions of New Contract and Contract Extension templates on computers for future month usage

Create schedules for each month i.e. use "copy function" to create schedules for each month i.e. April 2013 May 2013 June 2013 etc.)

- b) Complete register from the first to last day of month in respect of:

- New contracts declared during the month
- Contracts of which the contract periods have to be extended

- c) Monitor contracts declared/ extended on monthly basis i.e. forward register "as attachment" to Transnetpci@willis.com and NairPr@willis.com

- d) Follow up all discrepancies with **Willis South Africa/ TFR Insurance Department** in order to rectify problems

- e) Follow up outstanding Confirmation of Insurance from Willis South Africa

- f) Submit "Nil Return" Registers in the event of no new contracts declared or where no contract period extensions were required during a specific month i.e. **"APRIL 2013-Nil**

Claims Procedures

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Claims Procedures

In the event of any incident or occurrence, which is likely, to give rise to a claim under the Insurance arranged by Transnet the following procedures shall be adhered to in addition to any statutory or other requirements contained in the Contract.

All incidents that could give rise to claim under the Principal Controlled Insurances, **HAVE TO BE** reported to the local TFR Insurance Manager's office (see contact details herein).by means of an Incident Advice Form (Annexure 2) and the incident must also be captured on TOMS by the department involved. The incident in question must be reported to Insurers as soon as possible but no later than a **30** (thirty) day period from date of incident.

At the same time complete the **Incident Advice Form (Annexure 2 herein)** and submit to Willis South Africa and a copy to TFR Insurance Department, for the attention Lucas Ngwako (see contact details herein).

- Losses involving **theft or malicious damage** must be reported to the police and a police reference number obtained and recorded.
- The Employer, Contactor(s) or Sub-Contractor(s) shall allow free access to Insurers' Loss Adjuster(s) and / or Employer's Insurance Willis South Africa for the purpose of investigation and assessing the loss or damage.
- The Employer, Contractor(s) shall **not** deal direct with the Insurers other than by co-operating with their Loss Adjuster(s) and / or the Employers Insurance Broker (Willis South Africa).
- **No Admission of Liability** shall be made by the Employer, Contractor(s) or Sub-Contractor(s) in the event of damage or loss to third party property or injury or death of third party persons.
- Letters from claimants should be passed on to **TFR Insurance Department** as soon as possible.
- In the event of immediate repairs being necessary in the interest of safety, the Contractors may with the Employer's permission proceed with such repairs.
- TFR Insurance Department shall immediately advise **Willis South Africa** accordingly
- Other than in the circumstances described above the Contractor shall not proceed with the making good of any loss without the prior authorization of the Employer who shall advise the Insurer's appointed Loss Adjuster(s) and Willis South Africa.
- Upon commencement of the making good of any loss, the Contractor shall keep separate records of the costs involved in making good such loss and these records must be authenticated by the Employer for submission to the Insurer's or their Loss Adjuster(s). Such records shall include, inter alia, the entire cost of labour, materials, transport and equipment.
- The basis upon which the Insurers will indemnify loss or damage is the cost of repair or replacement of the loss or damage including, inter alia, transport and overheads.
- On completion of the making good of any loss the records of the costs involved having been authenticated by the Employer shall be sent to the Insurer's via their Loss Adjuster(s) and copied to **Willis South Africa (Pravina Nair)** for processing.
- Upon the amount of the loss or damage being agreed upon by the Insurer's Loss Adjuster(s) and the Contractor, an "Agreement of Loss" form will be signed by the Contractor and Employer.
- The amount agreed upon by the Insurers, the Contractor and the Employer shall be paid by the Insurers to the Employer net of the deductible, who will arrange for the payment to be made to the Contractor as appropriate after deduction of the first amount payable.

All incidents which could give rise to a claim under the insurances arranged by the Principal/Employer must be notified to Willis South Africa and TFR Insurance Department without delay, per the procedures set out above

Contact Details

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Transnet Freight Rail: Corporate Office

Mr Lucas Ngwako General Liability & PCI Insurance Manager	Tel: (011) 5840540 Fax : (011) 774 9173 Email: Lucas.Ngwako@transnet.net
Ms Kgomotso Saul General Insurance Manager	Tel: (011) 584 0534 Fax (011) 773 0899 Cell 083 791 0759 Email: Kgomotso.Saul@transnet.net

Transnet Freight Rail: Other Areas

Pretoria, Empangeni Richardsbay	Thembekile Cubuta (Insurance Manager) Telephone : 012 315 2957 Cell: 083 379 5653 Thembekile.Cubuta@transnet.net
Cape Town, Port Elizabeth East London Free State	Mr Jan Venter (Insurance Manager) Tel : (021) 940 3339 Cell : 083 284 3620 E-mail : Jan.Venter3@transnet.net
Johannesburg Durban Polokwane	Mr. Jay Ngubane (Insurance Manager) Tel : (031) 361- 5872 Cell : 083 253 7750 E-mail : Jay.Ngubane@transnet.net



Willis South Africa

Willis South Africa personnel are at all times available for advice, please feel free to contact :-

- **Pravina Nair**
Account Advocate
Tel No. (011) 535 5400
Cell 071 850 0534
Fax No. (011) 784 1610
E-Mail nairpr@willis.com

- **Mike Lamb**
Construction Broker
Tel No. (011) 535 5400
Cell 082 454 7983
Fax No. (011) 784 1610
E-Mail lambm@willis.com

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Annexure 1

Transnet Principal Controlled Construction Insurance

Programme Contract Award Declaration (Part A),

Contract Completion Declaration (Part B)

Contract Variation Declaration (Part C)

Project Specific One Off or Multiple Passages R 100 m and above (Form A1)

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**CONTRACT DECLARATION FOR
BPCI and PCI LIABILITY BELOW R100,000,000**

Only complete sections with white background

SEND TO THE BROKER	FROM
Willis South Africa (Pty) Ltd P O Box 55509 Northlands 2116	TRANSNET Postal Address:
Attention: Pravina Nair E-mail: transnetpci@willis.com	Represented by: Email:
Tel No : +27(0) 11 535-5400	Tel No:
Fax No: +27(0) 11 784-1610	Fax No:

Please also copy in Lucas.Ngwako@transnet.net at TFR Corporate office.

PART A 1: CONTRACT AWARD INFORMATION

CONTRACT NUMBER		
PURCHASE ORDER		
DECLARATION REGISTER CONTROL NUMBER		
DESCRIPTION OF CONTRACT WORKS:		
CONTRACT VALUE AT AWARD (VAT EXCLUSIVE)		
ESTIMATED VALUE OF FREE ISSUE SUPPLIED TO CONTRACTOR (VAT EXCLUSIVE)		
COVER SELECTION	CONTRACT WORKS & LIABILITY	CONTRACTORS LIABILITY ONLY
INSERT YES / NO UNDER THE SELECTED COVER		
PHYSICAL ADDRESS WHERE CONTRACT IS TAKING PLACE		
CONTRACT AWARD DATE		
CONTRACT COMMENCEMENT DATE		
EXPECTED CONTRACT COMPLETION DATE		
CONSTRUCTION PERIOD(MONTHS)		
MAINTENANCE PERIOD (MONTHS)		



PART A2: OPTIONAL INSURANCE REQUIRED:		INSERT (YES/NO) BELOW
1.	IS REMOVAL OF SUPPORT COVER REQUIRED?	
2.	DOES THIS CONTRACT EVIDENCE AN EXPOSURE WHICH CAN BE COVERED BY PROJECT DELAY INSURANCE?	
3.	WILL TRANSNET/CONTRACTOR/SUB-CONTRACTOR BE IMPORTING MATERIALS/ EQUIPMENT FOR THE CONTRACT THAT REQUIRES MARINE CARGO IMPORT INSURANCE?	
IF REQUIRED, PROVIDE FULL DETAILS TO BROKER		
PART A3: CONTRACTORS LIABILITY COVER ONLY		
DOES THIS CONTRACT ENTAIL WORK IN THE FOLLOWING CATEGORIES WHERE THE EXPOSURE TO OWN DAMAGE (DAMAGE TO WORKS) IS NIL OR NEGLIGIBLE. INSERT YES/ NO AS APPLICABLE BELOW		
1.	CHEMICAL CONTROL OF VEGETATION	
2.	VEGETATION REHABILITATION	
3.	BALLAST TAMPING	
4.	TRACK RE-PROFILING (including Welding/Grinding)	
5.	BURNING OF FIRE BREAKS	
6.	GEOTECHNICAL AND EXPLORATORY WORKS	

CONTRACTORS DETAILS		
PART B: CONTRACT COMPLETION DECLARATION COMPLETION OF THIS SECTION IS COMPULSORY AND MUST BE SUBMITTED TO ARRANGE PREMIUM ADJUSTMENT ON COMPLETION OF WORKS.		
CONTRACT COMPLETION DATE		
ENDORSEMENT/CERTIFICATE NUMBER		
EXPIRY OF MAINTENANCE PERIOD		
FINAL CONTRACT VALUE (VAT EXCLUSIVE)		
ACTUAL VALUE OF FREE ISSUE SUPPLIED TO CONTRACTOR (VAT EXCLUSIVE)		
	ORIGINAL DECLARATION	COMPLETION OF WORKS
ORIGINATOR / SIGNATURE		
DATE		



PART C – CONTRACT VARIATION / EXTENSION DECLARATION

CONTRACT NUMBER

TITLE OF CONTRACT

NEW CONTRACT COMPLETION DATE

ENDORSEMENT/CERTIFICATE NUMBER

EXPIRY OF MAINTENANCE PERIOD

NEW CONTRACT VALUE (VAT Exclusive)

ACTUAL VALUE OF FREE ISSUE SUPPLIED TO CONTRACTOR (VAT Exclusive)

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Project Specific One Off or Multiple Packages R100,000,000 and above Insurance Notification Form

CONTACT DETAILS

Name

Division/Office

Telephone Number

Fax Number

Email Address

PROJECT INFORMATION

Project Title

Project Location

Principal Contractor

Role of Transnet

Joint Venture Partners (%)

Design & Construct ☐

Construct Only ☐

Other? ☐

Please advise details

PROJECT DETAILS

Scope of Work

Project Value (Estimate)

Currency

Contract Value

R

Transnet Supplied Materials

R

Surrounding Property being
worked upon

R

R

(When Transnet
to Insure)

Total Sum Insured

R

Project Value Breakdown

Type of Works

% of Total Project
Value (Include
Principal Materials)Wharves, Jetties, Piers, Marinas,
Causeways, Breakwaters and Drydocks

Wet Risk Works (other than above)

Tunnel Works

Offshore Works

Pipeline Works

Horizontal Drilling

Dry Civil Works (eg, Earthworks & Bridges)

Building Works

Mechanical Works

Dams

All Other Contracts

Duration (Estimate)

Construction Period

/ /

to

/ /

Testing Period

Months

Defects Period

Months

INSURANCE

Insurance Arranged By	Transnet	Contractor	Sum Insured/Currency
Construction Risks (Works)	<input type="checkbox"/>	<input type="checkbox"/>	
Public Liability	<input type="checkbox"/>	<input type="checkbox"/>	
Professional Indemnity	<input type="checkbox"/>	<input type="checkbox"/>	
Construction Plant & Equipment	<input type="checkbox"/>	<input type="checkbox"/>	
Marine Hull/Plant Liability	<input type="checkbox"/>	<input type="checkbox"/>	
Transits (Inland/Overseas)	<input type="checkbox"/>	<input type="checkbox"/>	
Employer's Liability	<input type="checkbox"/>	<input type="checkbox"/>	
Automobile Liability	<input type="checkbox"/>	<input type="checkbox"/>	
Aviation Liability	<input type="checkbox"/>	<input type="checkbox"/>	

TRANSIT RISKS

Please provide details of major transit for which you are responsible

Inland ☐Overseas ☐

Major Journeys

Maximum Value Any One Item

R

Maximum Value Any One Shipment

R

Total Estimated Sendings for the Project

R

Description of Cargo

Method of Conveyance

Road ☐Rail ☐Air ☐Ocean/Sea ☐Inland Waterway ☐

DESIGN RISKS

For Design & Construct Contracts:

Will Transnet engage an independent designer? ☐ Yes ☐ No

If yes to the above, please advise name of company _____

Confirm limit of PI Insurance to be carried by independent designer R _____

Does the contract involve any novation of design liability from the Principal? ☐ Yes ☐ No

OFFSITE STORAGE

Provide details for offsite storage of materials where this exceeds R1,000,000 at any one location

GENERAL RISK INFORMATION

Please provide a copy of the following

- (a) Contract drawings
- (b) General conditions of contract (including any amendment thereto) referring to insurance and indemnity obligations, annexure pages, schedule and defect liability obligations
- (c) Works programme (gant charts, etc)
- (d) Scope of Works

Does the project involve removal and disposal of hazardous materials? Eg, asbestos/PCB

☐ Yes ☐ No (If yes, please provide full details)

"PREVIEW COPY ONLY"

Supplementary Questionnaire Earthworks

TYPE (DEPTH OF TRENCH/EXCAVATION) _____

DIMENSIONS (EG: LENGTH, HEIGHT, DEPTH, ETC) _____

CONSTRUCTION METHOD _____

FOUNDATIONS (TYPE AND DEPTH) _____

SUPPORT STRUCTURES _____

BLASTING _____

Please provide details of the blasting company and their experience _____

UNDERPINNING _____

Supplementary Questionnaire Construction of Wharves & Jetties

DESCRIPTION OF WORKS

Dimensions _____

Type of structure and material of construction _____

Type and dimensions of piling/foundations _____

Height of deck above water level at low tide and high tide _____

Extent of dredging and who is performing the work _____

Maximum value and weight of heaviest lift _____

SUB SOIL CONDITION

Geological strata and/or details of bore logs _____

WAVE, FLOODING AND STORM

Please provide historical data _____

Height of Deck above highest water level recorded _____

Maximum wave height expected _____

LIABILITY

Any underground services? _____

To what extent can construction operation affect adjacent structures and water traffic? _____

Supplementary Questionnaire Dams

DAM EMBANKMENT

Height _____

Length _____

Width of crown and basement _____

Inclination of slope upstream and downstream _____

DIVERSION DETAILS

Coffer Dams: Upstream height and downstream height _____

Diversion/canal size _____

Discharge capabilities _____

FOUNDATIONS

Maximum depth of excavation _____

Details of ground support _____

BREAK-UP VALUES

Earthworks _____

Concrete works _____

Coffer dams upstream and downstream _____

Diversion piping _____

Access Roads _____

Others as available _____

WATER FLOW DATA

Rainfall _____

River flow _____

BLASTING REQUIRED?

☐ Yes ☐ No (If yes, please provide details) _____

DOCUMENTS REQUIRED

Site plan including contours, location of haul roads and storage areas

Profile of dam

Location map

Supplementary Questionnaire Bridges

DIMENSIONS

Length

Breadth

FOUNDATIONS

Details of piles

Details of footings breadth

SUPERSTRUCTURE

Number of spans

Length

Girders ☐ Precast ☐ In situ

Girder material

Deck ☐ Precast ☐ In situ

Are any dual lift activities anticipated? ☐ Yes ☐ No

APPROACH WORK REQUIRED?

☐ Yes ☐ No (If yes, please provide details)

IS THE BRIDGE OVER A WATER COURSE?

☐ Yes ☐ No (If yes, please provide details)

Details of river flow

Details of flood exposure

Method of protecting works during construction

BREAK-UP OF VALUES

Foundations maximum any one precast section

R

Maximum any one concrete pour

R

Falsework/Formwork

R

Earthworks

R

Water protection systems

R

DOCUMENTS REQUIRED

Profile of bridge

Cross section of bridge



Supplementary Questionnaire Road Works

EMBANKMENT

Total length _____

Average cut _____

Maximum cut _____

Fill type _____

Maximum length of unsealed embankment (in metres) _____

DRAINAGE

Total length _____

Open trench – maximum open _____

Average open _____

CULVERTS

Number _____

Details of major culverts _____

BRIDGES

Number _____

Please provide the following details for each bridge:

- ◆ Number of spans _____
- ◆ Maximum length _____
- ◆ Length and breadth _____
- ◆ Foundation details _____
- ◆ Construction method _____
- ◆ Flow details of any rivers/creeks to be bridged _____
- ◆ Are any dual lift activities anticipated? ☐ Yes ☐ No

BREAK-UP OF VALUES

Drainage culverts R _____ Bridges R _____ Earthworks R _____

Landscaping R _____ Paving R _____

Other (specify) _____ R _____

DOCUMENTS REQUIRED

Topographical map of area

Profile of the cross section of road. Is the area prone to flooding? ☐ Yes ☐ No

(If yes, please provide details) _____

What protection will be implemented to prevent damage occurring due to water?

Supplementary Questionnaire Pipelines

PROJECT DETAILS

Pipeline type (eg, gas, etc) _____

Total length _____

Pipe diameter/s _____

Method of construction/laying _____

PIPE

To be supplied by Principal? ☐ Yes ☐ No

Acceptance point for pipe _____

Where is pipe to be stored? _____

TRENCHES

Depth (metres): maximum and average _____

Open trench (without pipe): _____

◆ Maximum length any one time (number of kilometres) _____

◆ Maximum length any one continuous stretch (number of kilometres) _____

Open trench with pipe laid: maximum length _____

Quotations/cover required for open trench:

☐ Policy limit 15 kilometres (of which 5 kilometres with pipe)

☐ Other limit required (Please specify) _____

TERRAIN

Soil conditions and terrain contour _____

OTHER STRUCTURES (PUMP STATION, ETC)

Description, including dimensions _____

CROSSINGS

Type (river, road, etc). Method of construction _____

TESTING

Type _____

Period _____

Hydrostatic pressure test% of manufacturer's specification _____

Welds – Percentage to be x-rayed _____

**BREAK-UP OF VALUES**

Pipe R _____
Mechanical R _____
Structures R _____
Trenching R _____
Other (Specify) _____ R _____

FLOOD EXPOSURE

Is there any exposure to flooding?

☐ Yes ☐ No (If yes, please provide details of preventative measures undertaken)

Is water table expected to be encountered during construction period?

☐ Yes ☐ No (If yes, please provide details of preventative measures undertaken)

Horizontal Drilling (HDD)

HDD Contract Value R _____

Details of drills exceeding 1 kilometre in length _____

Details of drills where the pipe diameter is greater than 760mm _____

DOCUMENTS REQUIRED

Route of pipeline

Contour maps

Rainfall details

"PREVIEW COPY ONLY"

"PREVIEW COPY ONLY"

Annexure 2

Incident Advice Form

ALL INCIDENTS HAVE TO BE REPORTED WITHIN 30 DAYS OF OCCURRENCE



TRANSNET PRINCIPAL CONTROLLED INSURANCE PROGRAMME INCIDENT ADVICE FORM

TRANSNET UNIQUE CLAIM NUMBER

TRANSNET TOMS NUMBER.....

TFR BUSINESS UNIT.....

Send to
Willis South Africa (Pty) Ltd
First Floor,
Eversheds Building,
22 Fredman Drive,
Sandton
2196

Copy to TFR Insurance Department
Attention: Lucas Ngwako
Tel No – (011) 584 0540
Fax – (011) 774 9173
E-mail: Lucas.Ngwako@transnet.net

Attention : Pravina Nair
Tel No. (011) 535 5400
Fax No. (011) 784 1610
E-Mail: nairpr@willis.com

From
Represented by
Tel No.
Fax No.

PRINCIPAL (PER CONTRACT DOCUMENT)

CONTRACT NUMBER

ORIGINAL DECLARATION NO.

TITLE OF CONTRACT

ORIGINAL CONTRACT COMMENCEMENT DATE

DATE OF LOSS OR DAMAGE

DATED REPORTED TO SITE AGENT

REPORTED BY

REPORTED TO BY

DATE

LOCALITY OF INCIDENT

DETAILS OF HOW THE LOSS OR DAMAGE OCCURRED

DETAILS AND NATURE OF LOSS OR DAMAGE TO CONTRACT WORKS / TO THIRD PARTY PROPERTY

DETAILS OF OTHER DEATH OR INJURY TO PARTIES

ESTIMATED COST (SEPARATE RECORDS OF ALL COSTS MUST BE KEPT)

WHO OR WHAT APPEARS TO BE RESPONSIBLE FOR THE CAUSE OF THE LOSS / DAMAGE

PERSON WHOM ASSESSOR SHOULD CONTACT

DESIGNATION:

TELEPHONE (LANDLINE)

CELLPHONE NO.

E-MAIL ADDRESS

**ALL INCIDENTS HAVE TO BE REPORTED AS SOON AS POSSIBLE AND WITHIN 30 DAYS
OF OCCURRENCE**

SIGNED BY:

SIGNATURE:

COMPANY:

DATE:

Annexure 3

Monthly Contract Register Control Sheets

"PREVIEW COPY ONLY"



TRANSNET: PRINCIPAL CONTROLLED INSURANCE – MONTHLY CONTRACT REGISTER CONTROL SHEET

A) NEW CONTRACTS FIRST DECLARATION OF NEW CONTRACT WORKS FOR COVER UNDER PCI POLICY

DIVISION / SUPPORT UNIT:
CONTACT PERSON:
TELEPHONE / CELL NO'S:

INSURANCE YEAR: 2012/2013
MONTH:
E-MAIL ADDRESS:

CONTRACT NUMBER	CONTRACT DECLARATION CONTROL NUMBER	DESCRIPTION OF CONTRACT WORKS	DATE DECLARED TO WILLIS	ESTIMATED TOTAL CONTRACT VALUE R	COMMENCEMENT DATE OF WORKS	ESTIMATED COMPLETION DATE
Purchase Order No	1					
Purchase Order No	2					
Purchase Order No	3					
Purchase Order No	4					
Purchase Order No	5					
Purchase Order No	6					
		TOTAL DECLARED FOR MONTH				

"PREVIEW COPY ONLY"

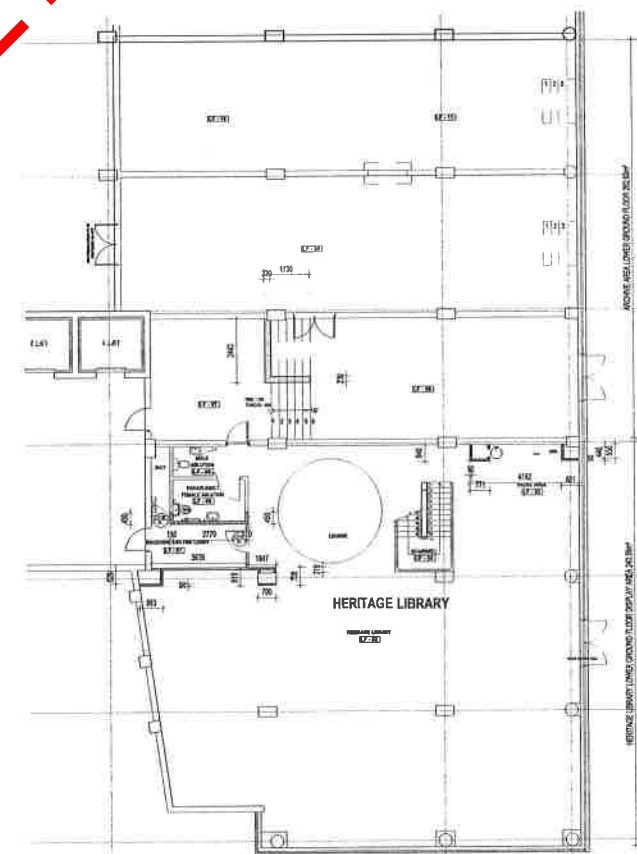
ONLY APPLICABLE TO CONTRACTS PREVIOUSLY DECLARED WHERE EXTENSION OF CONTRACT PERIOD IS REQUIRED

[illegible]

PART C5: DRAWINGS



"PREVIEW COPY ONLY"

Scale/s: 1:100	
Drawing Number: 11004-TLIB-2010	R



LOWER GROUND FLOOR PLAN
SCALE 1:100

NOTE:
READ IN CONJUNCTION WITH 8804-GENERAL DRYWALL DETAIL 8

LEGEND						
BRICKWORK		STANDARD DRYWALL	DRYWALL TO SOFFIT	ACOUSTIC DRYWALL	WATER-RESISTANT DRYWALL	2HR FIRE RATED DRYWALL
	EXISTING BRICKWORK	STANDARD DRYWALL TO USIDE CEILING TILES OR F/PLASTER. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	STANDARD DRYWALL TO USIDE OF SLAB. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE "GREEN" WATERPROOF GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	DRYWALLING TO USIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	DRYWALLING TO USIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	2 HOUR FIRE RATED RHINOBOARD DRYWALLING TO RUN TO SLAB ABOVE CEILING. TO BE CLAD OFF BELOW FLOOR AND UNDER A ABOVE DOOR TO CREATE A SEALED UNIT. SOUND REDUCTION INDEX 64 db. APPROXIMATE MASS TO BE 15kg PER SQUARE METERS. WALL THICKNESS TO BE 115mm WIDE FOR TWO HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm DRYWALL ULTRASTEEL STUDS SPACED @ 600mm CENTRES INTO 63.5mm ULTRASTEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH A BASE LAYER 12.5mm THICK TAPER EDGE RHINO-FIRESTOP FIXED WITH 25mm SCREWS SPACED AT 220mm CENTRES APPLY A SHEET OF 0.5mm GALVANIZED STEEL TO EACH SIDE & APPLY A FACE LAYER OF 12.5mm TAPER EDGE RHINO-FIRESTOP TO BOTH SIDES. STAGGERING ALL JOINTS USING 4mm DRYWALL SCREWS SPACED AT 220mm CENTRES TOP AND BOTTOM ACCORDING TO DATA SHEET [STANDARD CLAUSES FOR SPECIFIERS: DRYWALL SYSTEMS] FOR HAND JOINTING APPLICATION. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT ALL SERVICE PENETRATIONS TO DRYWALL TO BE FIRE STOPPED IN ACCORDANCE WITH SABS STANDARDS
	NEW BRICKWORK					

Drawing Number:	Revision:
11004-TLJB-2011	01




1 HOUR FIRE RATED RHINOFLOOR DRYWALL TO RUN TO SCAB ABOVE CEILING. UNLESS NOTED OTHERWISE, ALL DIMENSIONS ARE TO FACE. APPROXIMATE MASS TO BE 50kg PER SQUARE METRE. WALL THICKNESS TO BE 15mm WIDEFOR TWO HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 0.5mm DRYWALL, ULTRALITE, STOPS SPACED @ 600mm CENTRES INTO 0.5mm ULTRALITE TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH A BASE LAYER 12mm THICK TAPE EDGED RHINO-FIRE-RESTOPE TO EACH SIDE OF THE TRACK. THE TAPE EDGED RHINO-FIRE-RESTOPE SHALL BE ADHESIVELY ATTACHED TO EACH SIDE OF THE TRACK. A 15mm TAPE LAYER OF 12.5mm TAPE EDGED RHINO-FIRESTOP TO BOTH SIDES. STAGGERING ALL JOINTS USING 15mm DRYWALL SCREWS SPACED AT 220mm CENTRES TAIL AND JOINT ACCORDING TO DATA SHEET (STANDARD CLAUSES FOR SPECIFIERS: DRYWALL SYSTEMS) FOR HAND JOINTING APPLICABLE TO ALL DRYWALLS TO BE SKIMMED AND FINISHED TO A FINISH SURFACE. ALL JOINTS TO BE FINISHED TO A FINISH SURFACE. ALL JOINTS TO BE PENETRATED TO DRYWALL TO BE FIRE STOPPED IN ACCORDANCE WITH SARS STANDARDS

NEW BRICKWORK

Drawing Number:	Revision:
11004-TLJB-2011	01



NOTE:
READ IN CONJUNCTION WITH 6004-GENERAL DRYWALL DETAILS

LEGEND						
BRICKWORK		STANDARD DRYWALL	DRYWALL TO SOFFIT	ACOUSTIC DRYWALL	WATER-RESISTANT DRYWALL	2HR FIRE RATED DRYWALL
	EXISTING BRICKWORK	STANDARD DRYWALL TO US/DSE CEILING TILES OR FLPLASTER, STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	STANDARD DRYWALL TO US/DSE OF SLAB, STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE "GREEN" WATERPROOF GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	DRYWALLING TO US/DSE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	DRYWALLING TO US/DSE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	2 HOUR FIRE RATED RHINOBOARD DRYWALLING TO RUN TO SLAB ABOVE CEILING. TO BE CLOSED OFF BELOW FLOOR AND UNDER A ABOVE DOOR TO CREATE A SEALED UNIT. SOUND REDUCTION INDEX 51 dba. APPROXIMATE MASS TO BE 50kg PER SQUARE METERS. WALL THICKNESS TO BE 115mm WIDE FOR TWO HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm DRYWALL ULTRALITE, STUDS SPACED @ 600mm CENTRES INTO 63.5mm ULTRALITE TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH A BASE LAYER 12.5mm TAPER EDGE RHINO-FIRESTOP FIXED WITH 25mm SCREWS SPACED AT 220mm CENTRES APPLY A SHEET OF 0.5mm GALVANISED STEEL TO EACH SIDE APPLY A FACE LAYER OF 12.5mm TAPER EDGE RHINO-FIRESTOP TO BOTH SIDES, STAGGERING ALL JOINTS USING 4mm DRYWALL SCREWS SPACED AT 220mm CENTRES TAPE AND JOINT ACCORDING TO DATA SHEET (STANDARD CLAUSES FOR SPECIFIERS: DRYWALL SYSTEMS) FOR HAND JOINTING APPLICATION. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS
	NEW BRICKWORK					

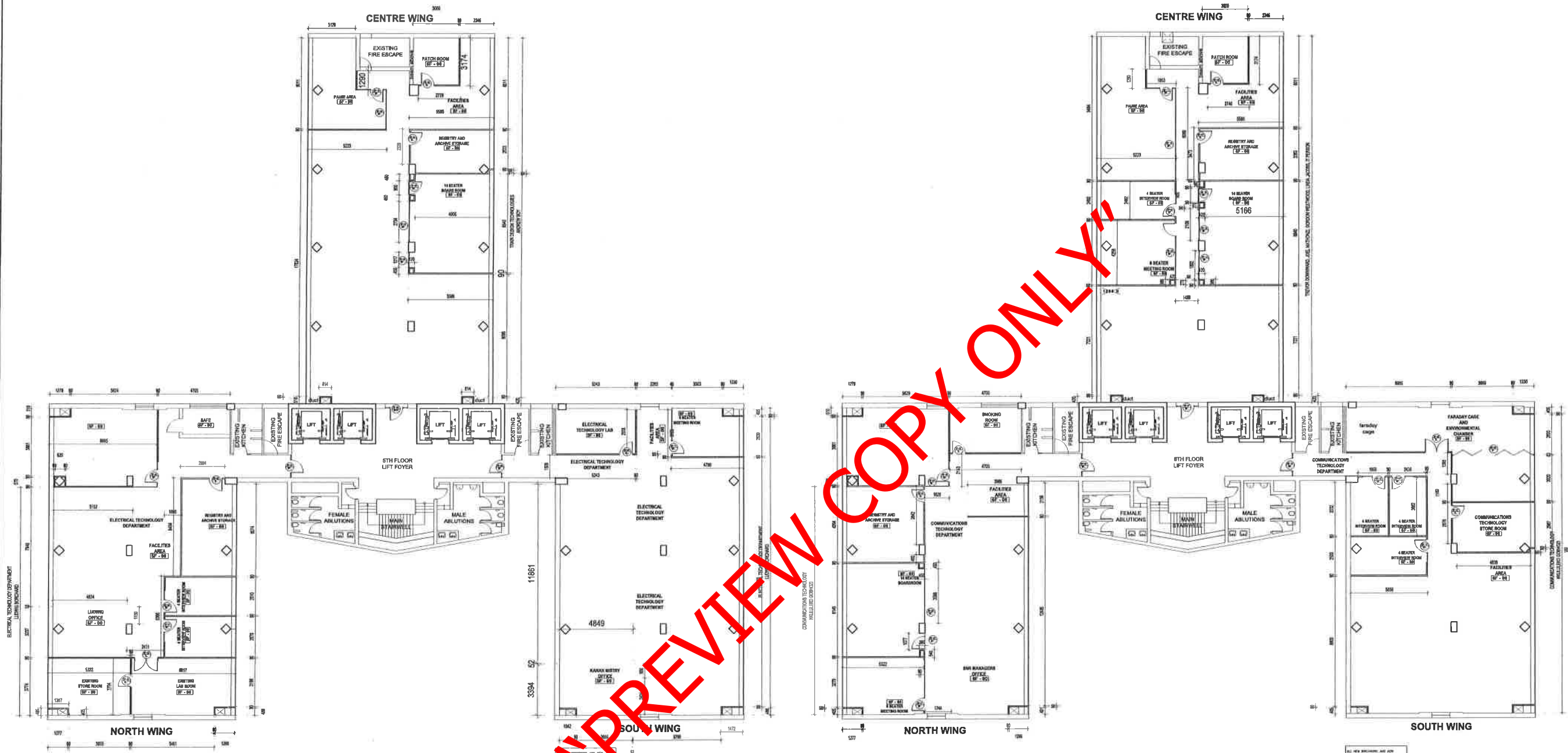
NOTES:

1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. **Partial Services:** Any discrepancies with site or other information is to be notified to the Architect and direction or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing.
4. For the purpose of coordination, all relevant parties must check the information prior to implementation and report any discrepancies to the Architect.

[illegible]

Owner's Signature
Signature :
Date :
Checked by Architectural Consultants (PGA Architects):
Name: Pratik Goveindar & Jerrin Dhanasekharan
Signature:
Date: Jan 2011



 LDM <i>Solutions For The Built Environment</i>	
1 Lindholmen Science Park, Central Station, Copenhagen, Denmark Copenhagen • Tel: +45 33 32 30 00 4750 Århus, Denmark • Tel: +45 86 30 30 00 2400 Oslo, Norway • Tel: +47 22 40 00 00 e: info@lmdm.com	
Client:	 TRANSNET 138 ELOFF STREET
Project:	PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG
Drawing description: 3rd & 4th Floor Dimensioning and Construction LAYOUT	
Drawing: JD, AF	Date: 26-09-2011
Scale: 1:100	
<div style="border: 1px solid black; height: 40px; width: 100%;"></div>	
Drawing Number: 11004-TL8-2012	Revision: 01



ELOFF STREET 5TH FLOOR
CONSTRUCTION PLAN LAYOUT
SCALE 1:100

ELOFF STREET 6TH FLOOR
CONSTRUCTION PLAN LAYOUT
SCALE 1:100

LEGEND

BRICKWORK	STANDARD DRYWALL	DRYWALL TO SOFFIT	ACOUSTIC DRYWALL	WATER-RESISTANT DRYWALL	2HR FIRE RATED DRYWALL
 EXISTING BRICKWORK	STANDARD DRYWALL TO U/SIDE CEILING TILES OR PLASTER. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	STANDARD DRYWALL TO U/SIDE OF SLAB. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	DRYWALLING TO U/SIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	DRYWALLING TO U/SIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES AND CLAD THE MOISTURE EXPOSED SIDE WITH 1 LAYER 12.5mm TAPER EDGE MOISTURE RESISTANT "GREEN" GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS	2 HOUR FIRE RATED RHINOBOARD DRYWALLING TO RUN TO SLAB ABOVE CEILING, TO BE CLOSED OFF BELOW FLOOR AND UNDER & ABOVE DOOR TO CREATE A SEALED UNIT. SOUND REDUCTION INDEX 51 dBo. APPROXIMATE MASS TO BE 50kg PER SQUARE METERS. WALL THICKNESS TO BE 115mm WIDE FOR TWO HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm DRYWALL ULTRASTEEL STUDS SPACED @ 800mm CENTRES INTO 63.5mm ULTRASTEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH A BASE LAYER 12.5mm THICK TAPER EDGE RHINO-FIRESTOP FIXED WITH 25mm SCREWS SPACED AT 220mm CENTRES APPLY A SHEET OF 0.5mm GALVANIZED STEEL TO EACH SIDE & APPLY A FACE LAYER OF 12.5mm TAPER EDGE RHINO-FIRESTOP TO BOTH SIDES. STAGGERING ALL JOINTS USING 41mm DRYWALL SCREWS SPACED AT 220mm CENTRES TAPE AND JOINT ACCORDING TO DATA SHEET (STANDARD CLAUSES FOR SPECIFIERS DRYWALL SYSTEMS) FOR HAND JOINTING APPLICATION. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT ALL SERVICE PENETRATIONS TO DRYWALL TO BE FIRE STOPPED IN ACCORDANCE WITH SABS STANDARDS
 NEW BRICKWORK					

NOTES:
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4. For the purpose of construction, all relevant parties must check this information prior to implementation and report any discrepancy to the Architect.

Revision	No	Date	Description	Rev By
	1	11/01/11	Issued for Information	JD

Checked by Architectural Consultants (PDA Architects):
Name: Prab Govender & Jerrin Chenodithel
Signature:
Date: Jan 2011

LDM
Solutions For The Built Environment
11004-TL16-2013

TRANSNET
TRANSNET 136 ELOFF STREET

Project:
PROPOSED NEW INTERIOR LAYOUTS FOR
TRANSNET FREIGHT RAIL
GAUTENG

Drawing description: 5th & 6th Floor Dimensioning and Construction Layout	Drawn: JD/AF	Date: 26/09/2011
Drawing Number: 11004-TL16-2013	Scale: 1:100	Revision: 01

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LDM
Solutions For The Built Environment

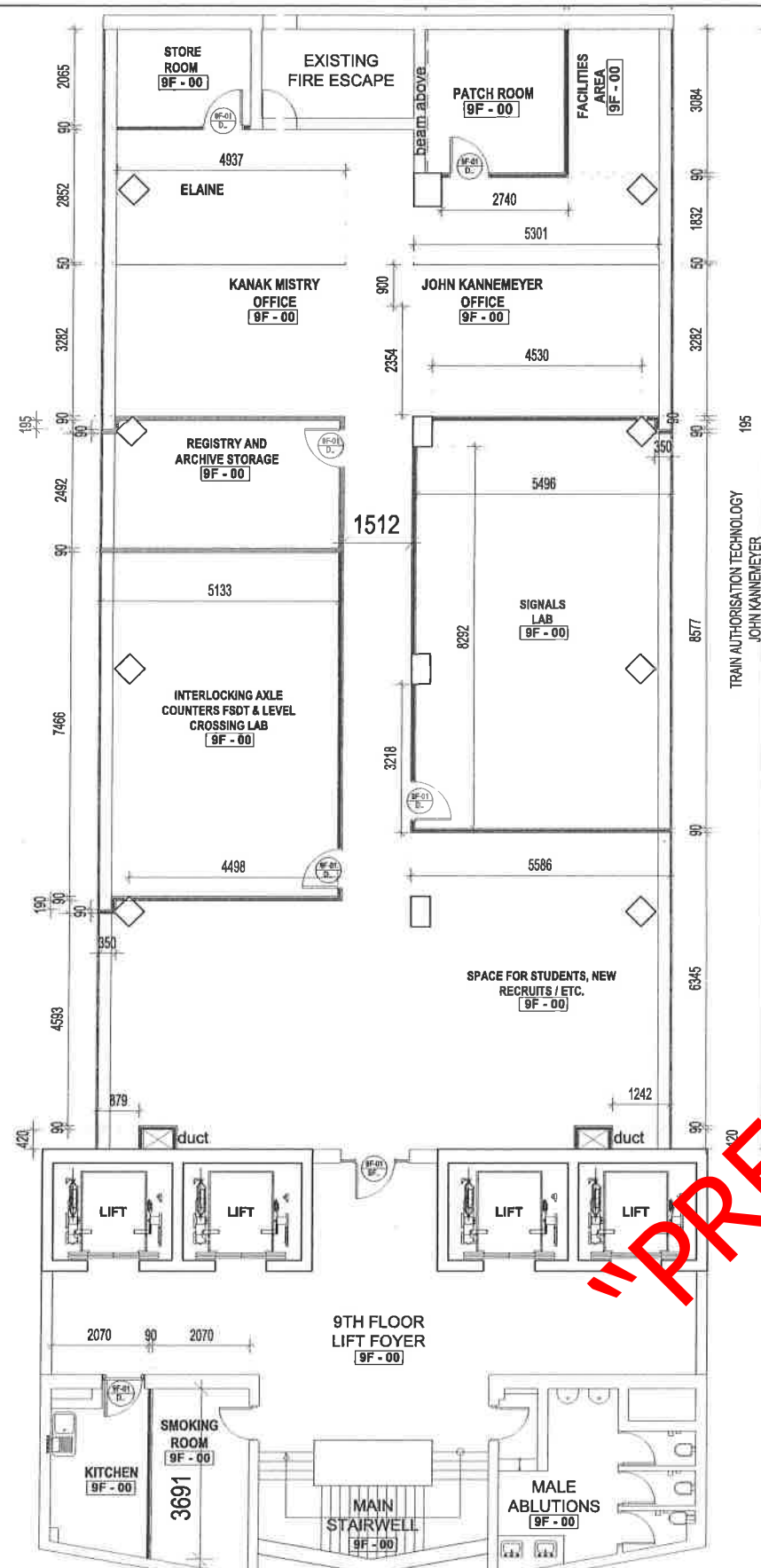
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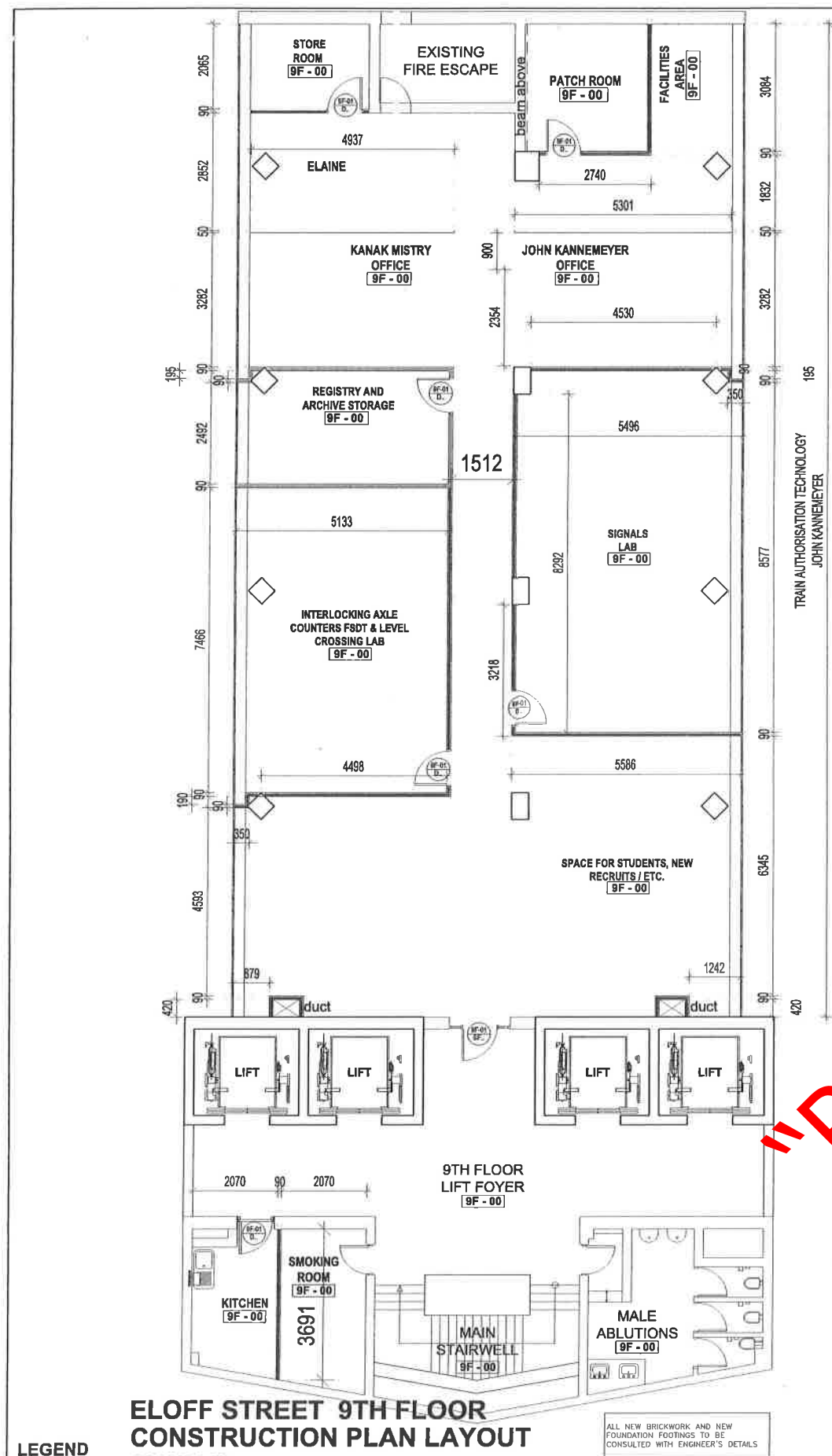
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Scale/s: 1:100	
Drawing Number: 11004-TLB-2014	Rev: 0



LEGEND

BRICKWORK		STANDARD DRYWALL	DRYWALL TO SOFFIT	ACOUSTIC DRYWALL	WATER-RESISTANT DRYWALL	2HR FIRE RATED DRYWALL
		<p>STANDARD DRYWALL TO USIDE CEILING TILES OR FLPLASTER. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.</p>	<p>STANDARD DRYWALL TO USIDE OF SLAB. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE "GREEN" WATERPROOF GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.</p>	<p>DRYWALLING TO USIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES AND CLAD THE MOISTURE EXPOSED SIDE WITH 1 LAYER 12.5mm TAPER EDGE MOISTURE RESISTANT "GREEN" GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS</p>	<p>DRYWALLING TO USIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES AND CLAD THE MOISTURE EXPOSED SIDE WITH 1 LAYER 12.5mm TAPER EDGE MOISTURE RESISTANT "GREEN" GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS</p>	<p>2 HOUR FIRE RATED RHINOBOARD DRYWALLING TO RUN TO SCAB ABOVE CEILING. TO BE CLOSED OFF BELOW FLOOR AND UNDER & ABOVE DOOR TO CREATE A SEALED UNIT. SOUND REDUCTION INDEX 51 dba. APPROXIMATE MASS TO BE 50kg PER SQUARE METRE. WALL THICKNESS TO BE 100mm FOR TWO HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm DRYWALL ULTRALISTE STUDS SPACED @ 600mm CENTRES INTO 12.5mm ULTRALISTE TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH A BASE LAYER 12.5mm THICK TAPER EDGE RHINO-FIRESTOP FIXED WITH 25mm SCREWS SPACED AT 220mm CENTRES APPLY A SHEET OF 0.5mm GALVANIZED STEEL TO EACH SIDE & APPLY A FACE LAYER OF 12.5mm TAPER EDGE RHINO-FIRESTOP TO BOTH SIDES. STAGGERING ALL JOINTS USING 41mm DRYWALL SCREWS SPACED AT 220mm CENTRES TA AND JOINT ACCORDING TO DATA SHEET STANDARD CLAUSES FOR SPECIFIC DRYWALL SYSTEMS FOR HAND JOINTING APPLICATION. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT ALL SERVICE PENETRATIONS TO DRYWALL TO BE FIRE STOPPED IN ACCORDANCE WITH SABS STANDARDS</p>

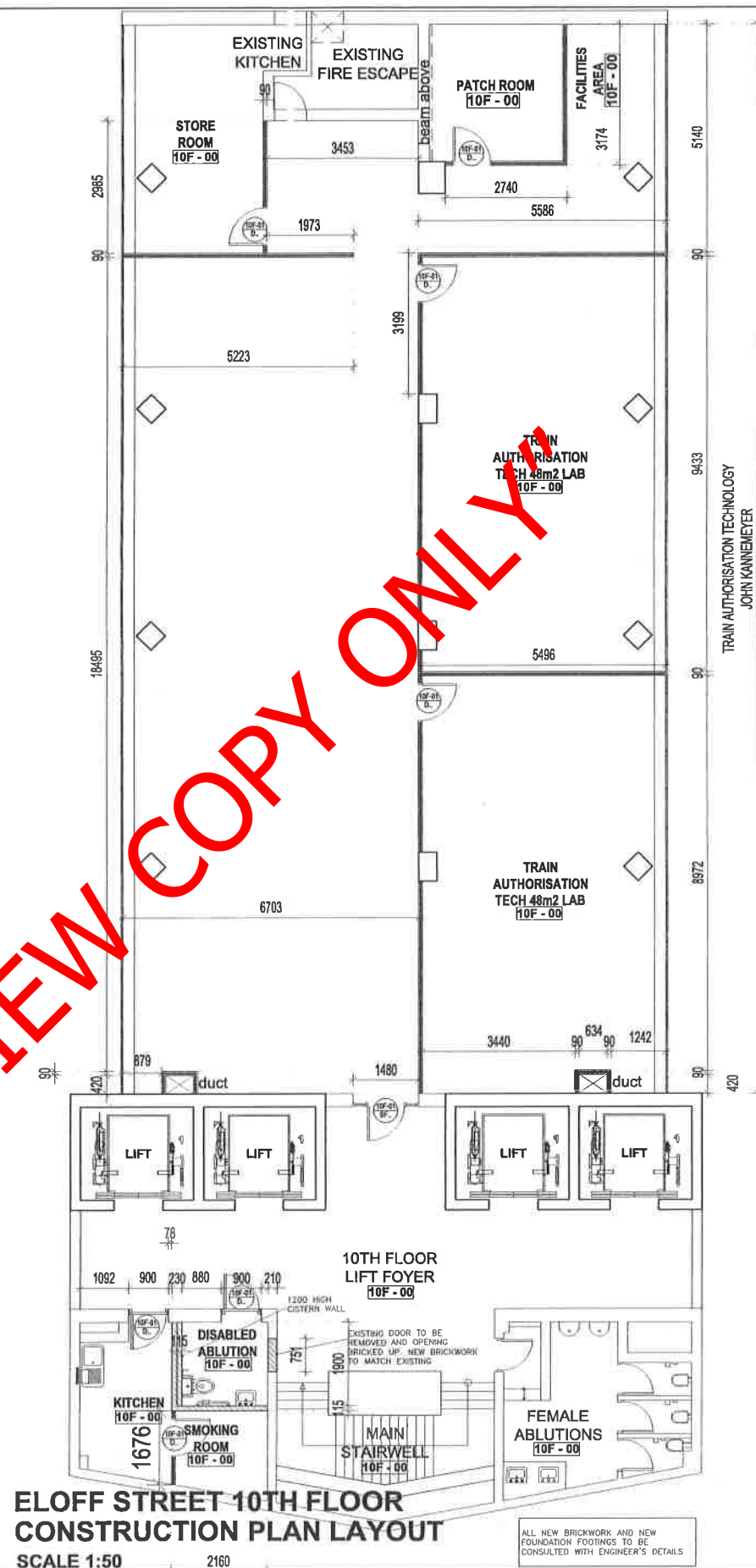




ELOFF STREET 9TH FLOOR
CONSTRUCTION PLAN LAYOUT

LEGEND

BRICKWORK	SCALE 1:50	STANDARD DRYWALL	DRYWALL TO SOFFIT
	EXISTING BRICKWORK	STANDARD DRYWALL TO USIDE CEILING TILES OR F/PLASTER. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	STANDARD DRYWALL TO USIDE OF SLAB. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE "GREEN" WATERPROOF GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.
	NEW BRICKWORK		



ELOFF STREET 10TH FLOOR
CONSTRUCTION PLAN LAYOUT
SCALE 1:50

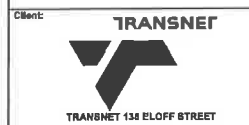
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NOTE:
READ IN CONJUNCTION WITH 1004-GENERAL DRYWALL DETAILS

- NOTES
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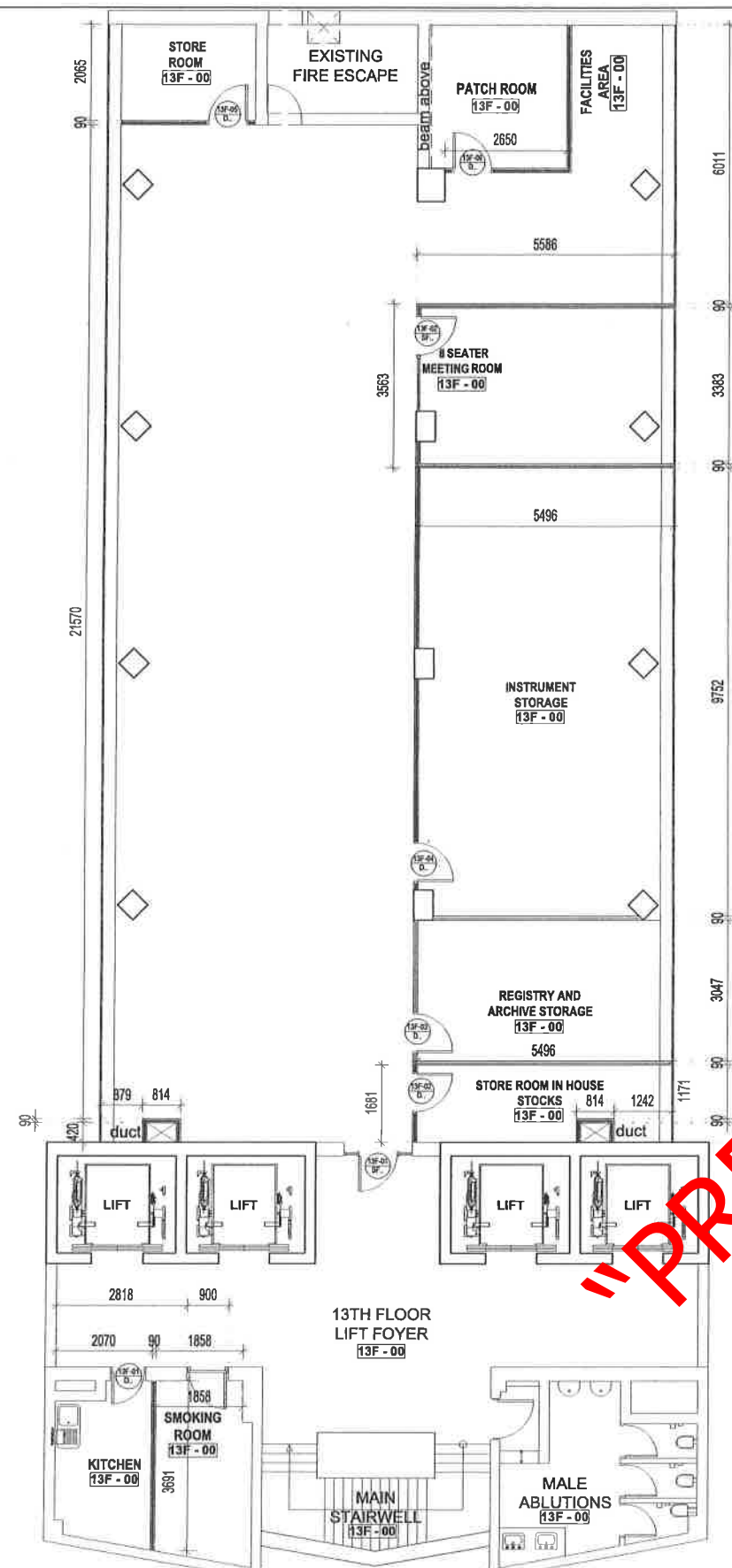
Rev No.	Date	Description	Rev By

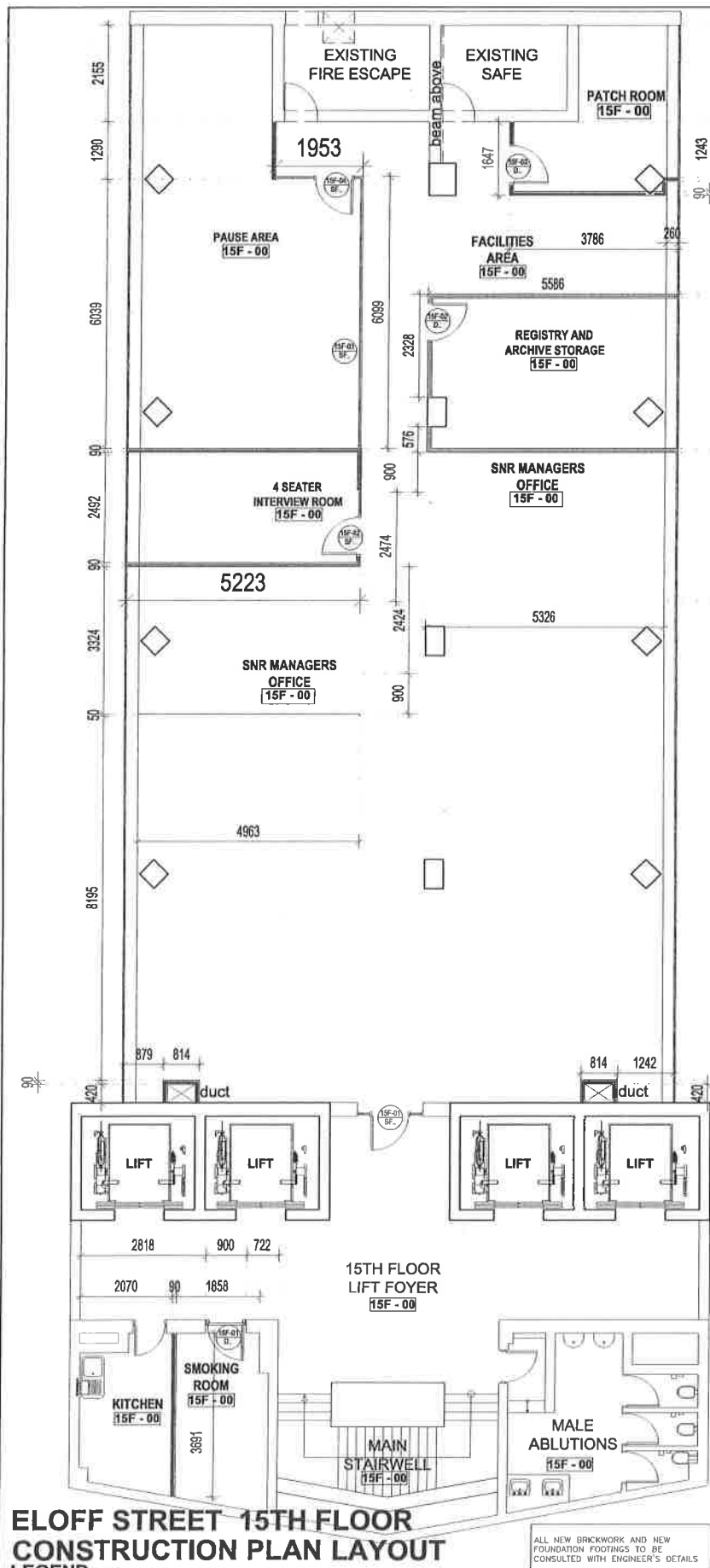
Owner's Signature
Signature:
Date:
Checked by Architectural Consultant (PGA Architects):
Name: Pratik Govender & Aaron Othman
Signature:
Date: Jan 2011



Project:
PROPOSED NEW INTERIOR LAYOUTS FOR
TRANSNET FREIGHT RAIL
GAUTENG

Drawing description:
11th & 12th Floor
Dimensioning and Construction
Layout
Drawn: JDAF
Date: 26-09-2011
Scale: 1:50
Drawing Number: 11004-TLB-2016
Revision: 01

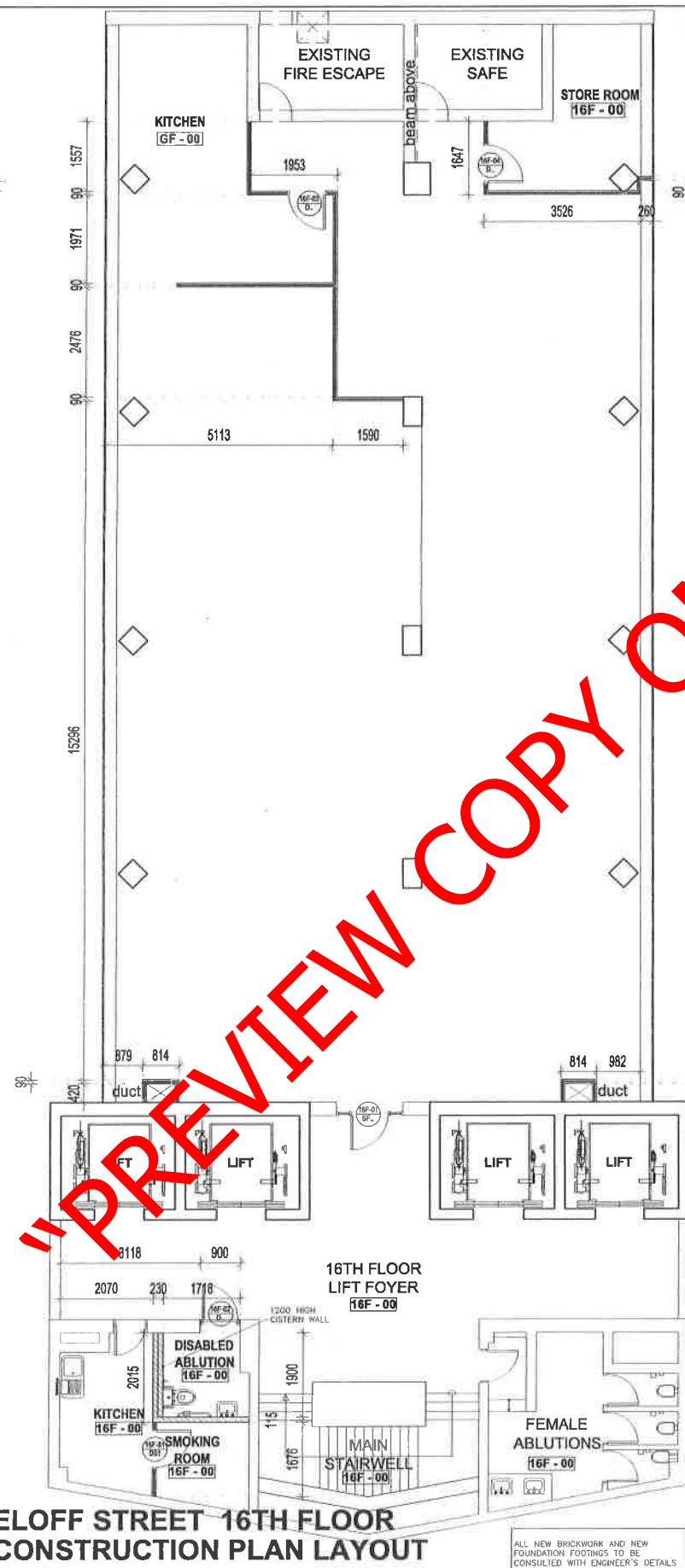




ELOFF STREET 15TH FLOOR
CONSTRUCTION PLAN LAYOUT

SCALE 1:50

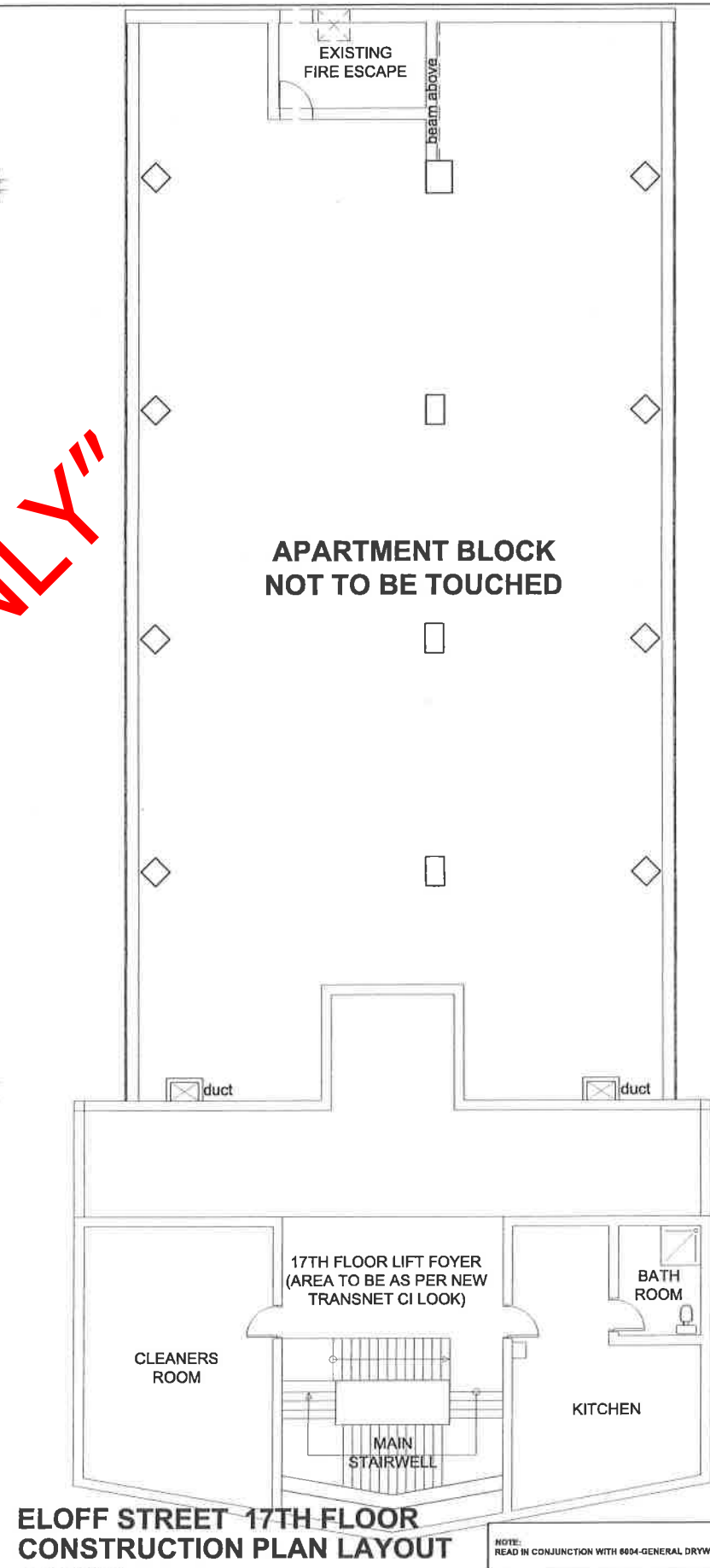
BRICKWORK		STANDARD DRYWALL
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	NEW BRICKWORK	



ELOFF STREET 16TH FLOOR
CONSTRUCTION PLAN LAYOUT

SCALE 1:50

DRYWALL TO SOFFIT		ACOUSTIC DRYWALL
	STANDARD DRYWALL TO U/SIDE OF SLAB. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AS PER DETAIL 01, AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO MANUFACTURERS SPECIFICATIONS. ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED, SANDED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.	DRYWALLING TO U/SIDE OF SLAB TO CREATE A SEALED UNIT TO PREVENT SOUND TRANSMISSION. STANDARD WIDTH 89mm WIDE SINGLE SKIN HALF HOUR FIRE RATED DRYWALL PARTITION CONSISTING OF 63.5mm GALVANISED DRYWALL STEEL STUDS INSERTED @ 600mm CENTRES INTO 63.5mm STEEL TOP AND BOTTOM TRACK AND CLAD BOTH SIDES WITH 1 LAYER 12.5mm TAPER EDGE GYPSUM BOARD WITH MP12 MINERAL WOOL BLANKET BETWEEN BOARDS FOR SOUND ABSORPTION AND FIXED WITH 25mm DRYWALL SCREWS SPACED AT 220mm CENTRES. ALL JOINTS TO BE TAPED AND JOINED ACCORDING TO ALL EXTERNAL CORNERS TO RECEIVE 0.6mm GALVANISED STEEL CORNER BEAD. ALL DRYWALLS TO BE SKIMMED AND FINISHED SUFFICIENTLY IN ORDER TO RECEIVE WASHABLE MATT ACRYLIC PVA PAINT TO LATER SPECIFICATIONS.



ELOFF STREET 17TH FLOOR
CONSTRUCTION PLAN LAYOUT

SCALE 1:50

WATER-RESISTANT DRYWALL		2HR FIRE RATED DRYWALL
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Revisions			
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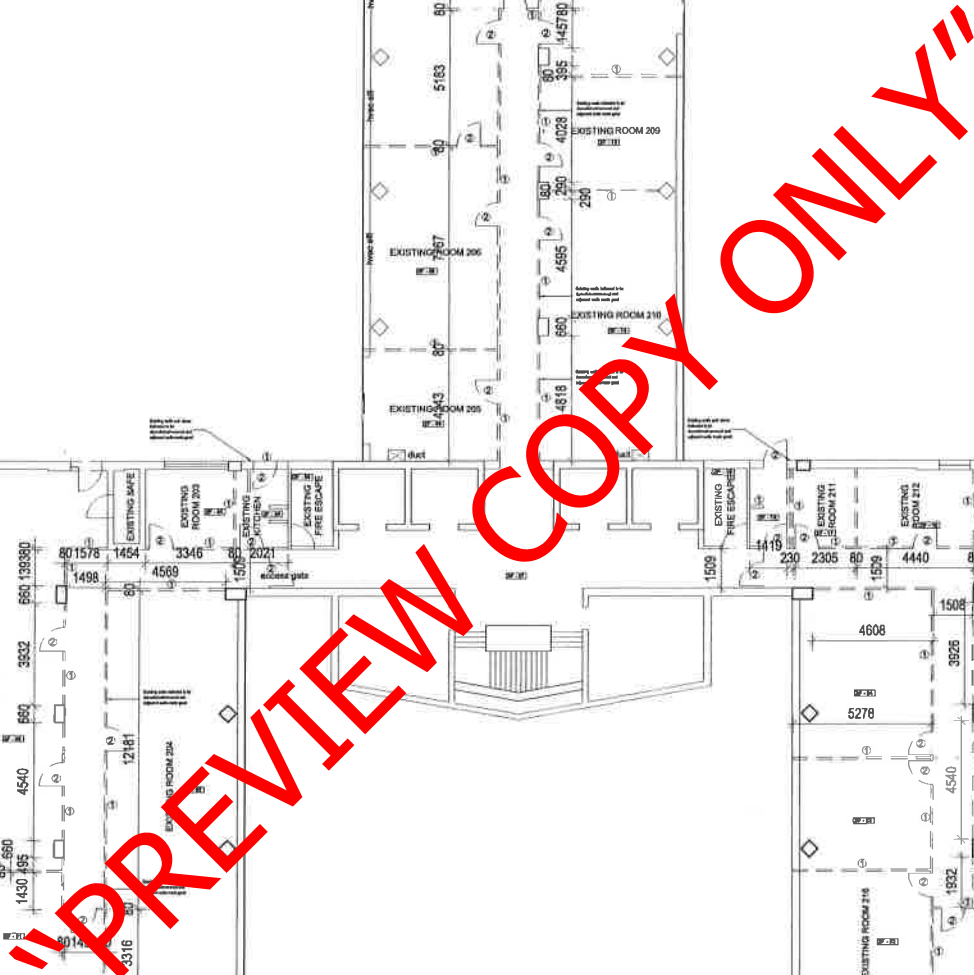
Checked by Architectural Consultants (PGA Architects)
Name: Phak Gwenzler & Jann (Dhondt) Ltd
Signature:
Date: Jan 2011



Project: PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG




Drawing description: 15th, 16th & 17th Floors Dimensioning and Construction Layout

Drawn: JD AF	Draw: 26-09-2011
Scale: 1:50	
Drawing Number: 11004-TL18-2018	Revision: 01



**ELOFF STREET 2ND FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100**

DEMOLITION LEGEND

	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING PARTITIONING TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC

WALL FINISHES

EXISTING PAINTWORK ON WALLS AND COLUMNS (perimeter and interior walls) TO BE SANDED DOWN AND MADE GOOD, TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISHING LAYOUT.

TILING

1. UPLIFT EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE
2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC.
3. ALLOW FOR NEW FLOOR SCREED TO RECEIVE NEW TILES AS PER SPEC.
4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC.
5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.

CARPETS

1. UPLIFT EXISTING CARPETS /CARPET TILES (Broadloom & tile) ON FLOORS AND REMOVE FROM SITE.
2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC.
3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC.
4. KEY COAT FLOORS TO RECEIVE NEW FLOOR FINISHES AS PER NEW SPEC.

CEILINGS

REMOVE ALL EXISTING CEILINGS / CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM / BULKHEADS & PLASTERBOARD CEILINGS AS PER CEILING LAYOUT & FINISHING SCHEDULE

ELECTRICAL & LIGHTING

REMOVE ALL NECESSARY LIGHT FITTINGS AS PER
DETAILED REPORT BY ELECTRICAL ENGINEER

MECHANICAL

DEMOLITION AND REMOVAL OF EXISTING HVAC
SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS
BY MECHANICAL ENGINEER

CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS
TO PROTECT THE EXISTING FINISHES THAT ARE NOT
BEING DEMOLISHED

DAMAGED TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR

ALL ASBESTOS MATERIALS MUST BE REMOVED AND
DISCARDED IN ACCORDANCE WITH O.H.S AND SABS
REGULATIONS

- ① Wall to be demolished.
- ② Door to be removed.
- ③ Window to be removed.
- ④ Door to be removed and opening bricked up.
- ⑤ Window to be removed and opening bricked up.
- ⑥ Searers to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use.
- ⑦ Existing WC to be removed and replaced with new spec.
- ⑧ Existing WHB to be removed and replaced with new spec.
- ⑨ Existing urinal to be removed and replaced with new spec.
- ⑩ Searers to be removed, existing plumbing to be removed and abutment layout to be reconfigured.

NOTE:

1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing.

[illegible]

Owners Signature

Signature: _____

Chlorine:

Checked by Architectural Consultants (PQA Architects):

Name: Prak Govender & Jeron Dhanoothillai

Signature:

Date: Jan 2011

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Client:



TRANSET HERITAGE & KNOWLEDGE LIBRARY

Address: _____

Project: **PROPOSED NEW INTERIOR LAYOUTS FOR
TRANSNET LIBRARY
GAUTENG**

Drawing description:

Second Floor Plan

Interior Space Plan Layout

Drawn: _____

JO, DP, VF, A

Scale/s: 1:100

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Year	Percentage of respondents (%)
1994	65
1995	68
1996	70
1997	72
1998	75
1999	78
2000	80
2001	82
2002	84
2003	85
2004	85

Drawing Number:
11004-TL-92-2

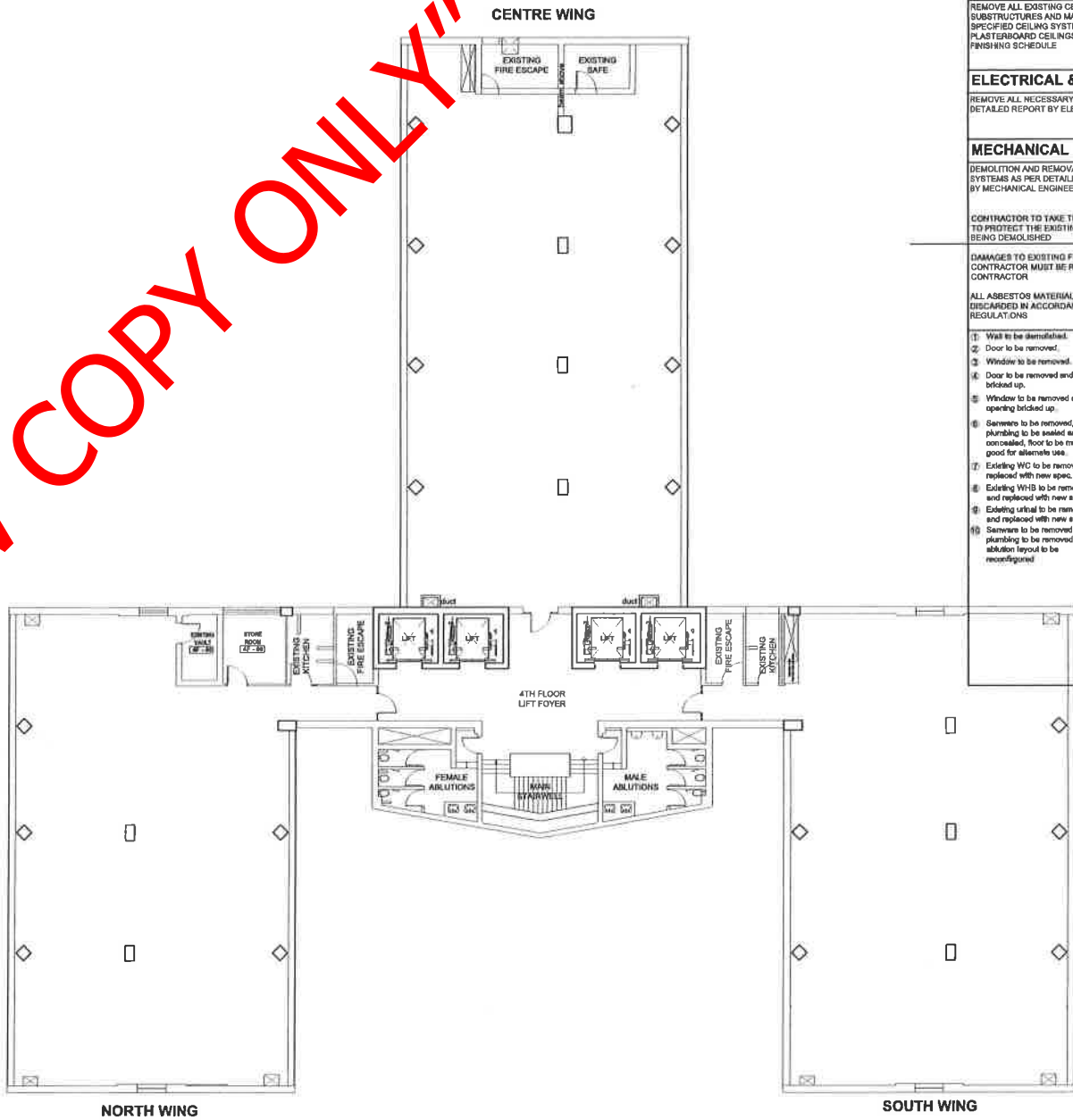
Figure 1. Study design.

"PREVIEW COPY ONLY"

DEMOLITION LEGEND	
	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING FURNITURE / FITTINGS TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC



ELOFF STREET 3RD FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100



ELOFF STREET 4TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100

DEMOLITION LEGEND	
	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING FURNITURE / FITTINGS TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC
WALL FINISHES	
EXISTING PARTWORK ON WALLS AND COLUMNS (plaster and interior walls) TO BE Sanded DOWN AND MADE GOOD. TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISHING LAYOUT.	
TILING	
1. UPLIFT EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE. 2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC. 3. ALLOW FOR NEW FLOOR SCREED TO RECEIVE NEW TILES AS PER SPEC. 4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC. 5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.	
CARPETS	
1. UPLIFT EXISTING CARPETS (CARPET TILES, Broadloom & etc) ON FLOORS AND REMOVE FROM SITE. 2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC. 3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC. 4. KEY COAT FLOORS TO RECEIVE NEW FLOOR FINISHES AS PER NEW SPEC.	
CEILINGS	
REMOVE ALL EXISTING CEILINGS / CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM / BULKHEADS & PLASTERBOARD CEILINGS AS PER CEILING LAYOUT & FINISHING SCHEDULE	
ELECTRICAL & LIGHTING	
REMOVE ALL NECESSARY LIGHT FITTINGS AS PER DETAILED REPORT BY ELECTRICAL ENGINEER	
MECHANICAL	
DEMOLITION AND REMOVAL OF EXISTING HVAC SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS BY MECHANICAL ENGINEER	
CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING FINISHES THAT ARE NOT BEING DEMOLISHED	
DAMAGES TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR	
ALL ASBESTOS MATERIALS MUST BE REMOVED AND DISCARDED IN ACCORDANCE WITH O.H.S AND SANS REGULATIONS	

- 1. Wall to be demolished.
- 2. Door to be removed.
- 3. Window to be removed.
- 4. Door to be removed and opening bricked up.
- 5. Window to be removed and opening bricked up.
- 6. Scaffolds to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use.
- 7. Existing WC to be removed and replaced with new spec.
- 8. Existing WTB to be removed and replaced with new spec.
- 9. Existing toilet to be removed and replaced with new spec.
- 10. Scaffolds to be removed, plumbing to be removed and ablation layout to be reconfigured.

NOTES:

1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. Partial Services: Any discrepancies with site or other information is to be referred to the Architect and attention or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing.
4. For the purpose of construction, all relevant parties must check the information prior to implementation and report any discrepancies to the Architect.

Rev No.	Date	Description	Rev By

Owner's Signature

Signature: _____

Date: _____

Checked by Architectural Consultants (PQA Architects)

Name: Pratik Govender & Jeroen Dierckxhuyzen

Signature: _____

Date: Jan 2011

LDM

Solutions For The Built Environment

Unit 104, 5th Floor, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Client: **TRANSNET**

TRANSNET 138 ELOFF STREET

Project: PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG

Drawing description: 3rd & 4th Floor Demolish Plan Layout

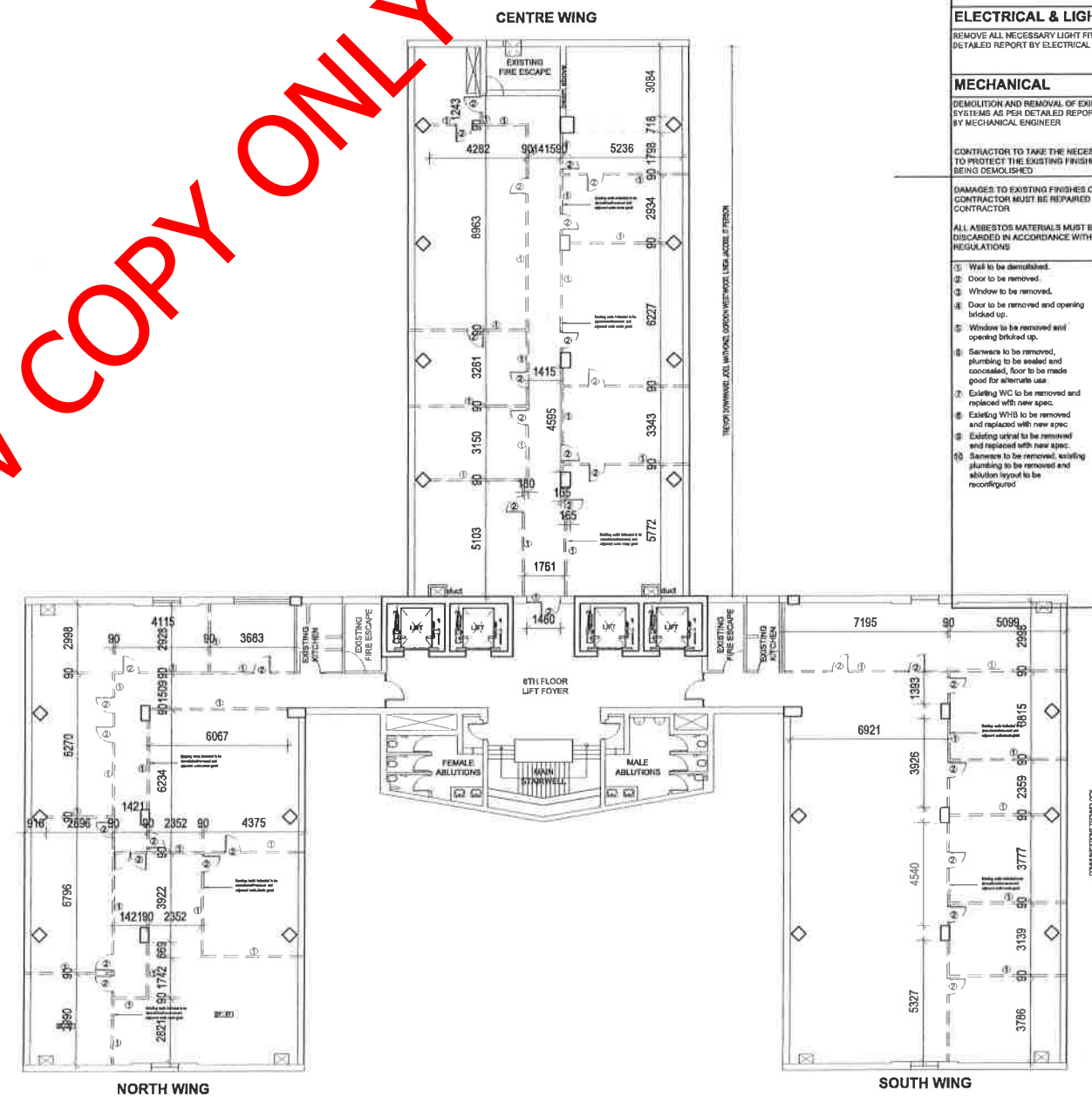
Drawn: JG AF Date: 26-09-2011

Scale: 1:100

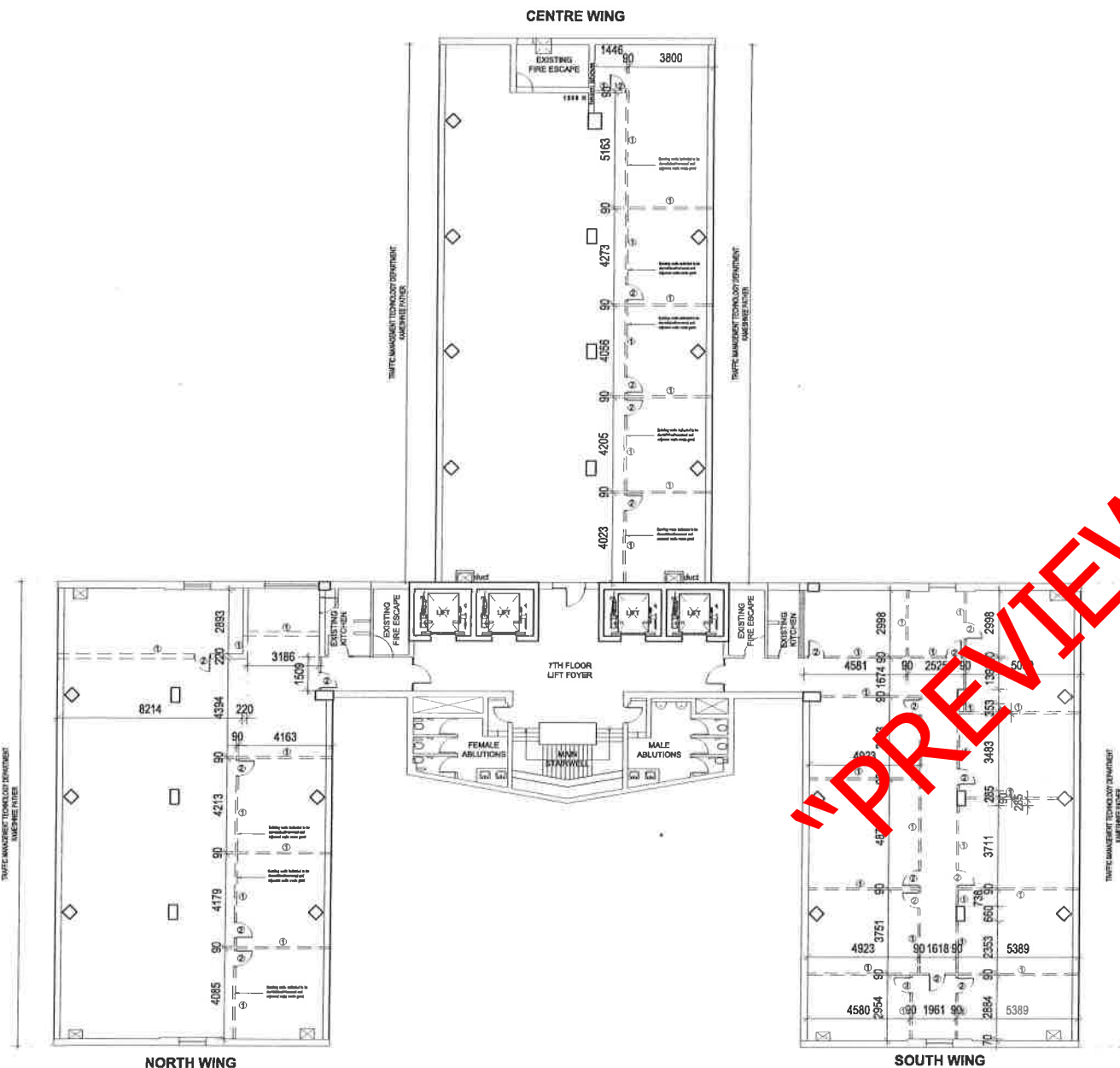
Drawing Number: 11004-TLB-2002 Revision: C01



**ELOFF STREET 6TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100**



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ELOFF STREET 7TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100



ELOFF STREET 8TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:100

DEMOLITION LEGEND
EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
EXISTING PARTITIONING TO BE DEMOLISHED
ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC

WALL FINISHES
EXISTING PARTITION ON WALLS AND COLLARS (perimeter and interior walls) TO BE SAVED DOWN AND MADE GOOD, TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISHING LAYOUT.

TILING
1. UPLIFT EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE.
2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC.
3. ALLOW FOR NEW FLOOR SCAFFOLD TO RECEIVE NEW TILES AS PER SPEC.
4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC.
5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.

CARPETS
1. UPLIFT EXISTING CARPETS (CARPET TILES, Broadloom & Res) ON FLOORS AND REMOVE FROM SITE.
2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC.
3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC.
4. KEY COAT FLOORS TO RECEIVE NEW FLOOR FINISHES AS PER NEW SPEC.

CEILING
REMOVE ALL EXISTING CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM (BULKHEADS & PLASTERBOARD CEILING) AS PER CEILING LAYOUT & FINISHING SCHEDULE.

ELECTRICAL & LIGHTING
REMOVE ALL NECESSARY LIGHT FITTINGS AS PER DETAILED REPORT BY ELECTRICAL ENGINEER.

MECHANICAL
DEMOLITION AND REMOVAL OF EXISTING HVAC SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS BY MECHANICAL ENGINEER.

CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING FINISHES THAT ARE NOT BEING DEMOLISHED.

DAMAGES TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR.

ALL ASBESTOS MATERIALS MUST BE REMOVED AND DISCARDED IN ACCORDANCE WITH O.H.S AND S&S REGULATIONS.

1. Wall to be demolished.
2. Door to be removed.
3. Window to be removed.
4. Door to be removed and opening bricked up.
5. Window to be removed and opening bricked up.
6. Scaffolding to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use.
7. Existing WC to be removed and replaced with new spec.
8. Existing WTB to be removed and replaced with new spec.
9. Existing urinal to be removed and replaced with new spec.
10. Scaffolding to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use.

NOTES:
1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. Partial demolition: Any discrepancies with site or other information is to be reported to the Architect and approval is to be sought before the implementation of the detail.
3. Do not scale the drawing.
4. For the purpose of construction, all relevant parties must check the information prior to implementation and report any discrepancies to the Architect.

Revisions:			
Rev No	Date	Description	Rev By

Owners Signature
Signature: _____
Date: _____
Checked by Architectural Consultants (PQA Architects):
Name: Pratik Govender & Jaron Choudhury
Signature: _____
Date: Jan 2011

LDM
Solutions For The Built Environment
Head Office: Suite 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

Client:
TRANSNET
TRANSNET 138 ELOFF STREET

Project:
PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG

Drawing description:
7th & 8th Floor Demolish Plan Layout

Drawn: JD **Date:** 28-09-2011




Scale: 1:100

Drawing Number: 11004-TLB-2004 **Revision:** 01



TRAIN AUTHORISATION TECHNOLOGY
JOHN KANNEMEYER



DEMOLITION LEGEND	
	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING PARTITIONING TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC
WALL FINISHES	
EXISTING PAINTWORK ON WALLS AND COLUMNS (undercoat and finish coats) to be sanded down and made good. TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISH LAYOUT.	
TILING	
1. UPLIFT EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE 2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC. 3. ALLOW FOR NEW FLOOR BREED TO RECEIVE NEW TILES AS PER SPEC. 4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC. 5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.	
CARPETS	
1. UPLIFT EXISTING CARPETS & CARPET TILES (bedrooms & lounge) ON FLOORS AND REMOVE FROM SITE. 2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC. 3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC. 4. KEY COAT FLOORS TO RECEIVE NEW CARPET FINISHES AS PER NEW SPEC.	
CEILING	
REMOVE ALL EXISTING CEILING / CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM / BULKHEADS. PLASTERBOARD CEILINGS AS PER CEILING LAYOUT & FINISHING SCHEDULE.	
ELECTRICAL & LIGHTING	
REMOVE ALL NECESSARY LIGHT FITTINGS AS PER DETAILED REPORT BY ELECTRICAL ENGINEER	
MECHANICAL	
DEMOLITION AND REMOVAL OF EXISTING HVAC SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS BY MECHANICAL ENGINEER	
CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING FINISHES THAT ARE NOT BEING DEMOLISHED DAMAGES TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR ALL ASBESTOS MATERIALS MUST BE REMOVED AND DETAILED IN ACCORDANCE WITH DHB & S&B REGULATIONS	
1. Wall to be demolished. 2. Door to be removed. 3. Window to be removed. 4. Door to be removed and opening bricked up. 5. Window to be removed and opening bricked up. 6. Sanways to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use. 7. Existing WC to be removed and replaced with new spec. 8. Existing WHB to be removed and replaced with new spec. 9. Existing urinal to be removed and replaced with new spec. 10. Sanways to be removed, existing plumbing to be removed and sealed, floor to be reconfigured.	

NOTES:

1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. Partial Survival: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing.
4. For the purpose of construction, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

[illegible]

Owners Signature
Signature :
Date :
Checked by Architectural Consultants (PGA Architects): Name: Piyk Govender & Jerni Dhanoochari
Signature:
Date: Jan 2011

LDM
Solutions For The Built Environment

Client: **TRANSNET**



TRANSNET 138 ELOFF STREET

Project:

**PROPOSED NEW INTERIOR LAYOUTS FOR
TRANSNET FREIGHT RAIL
GAUTENG**

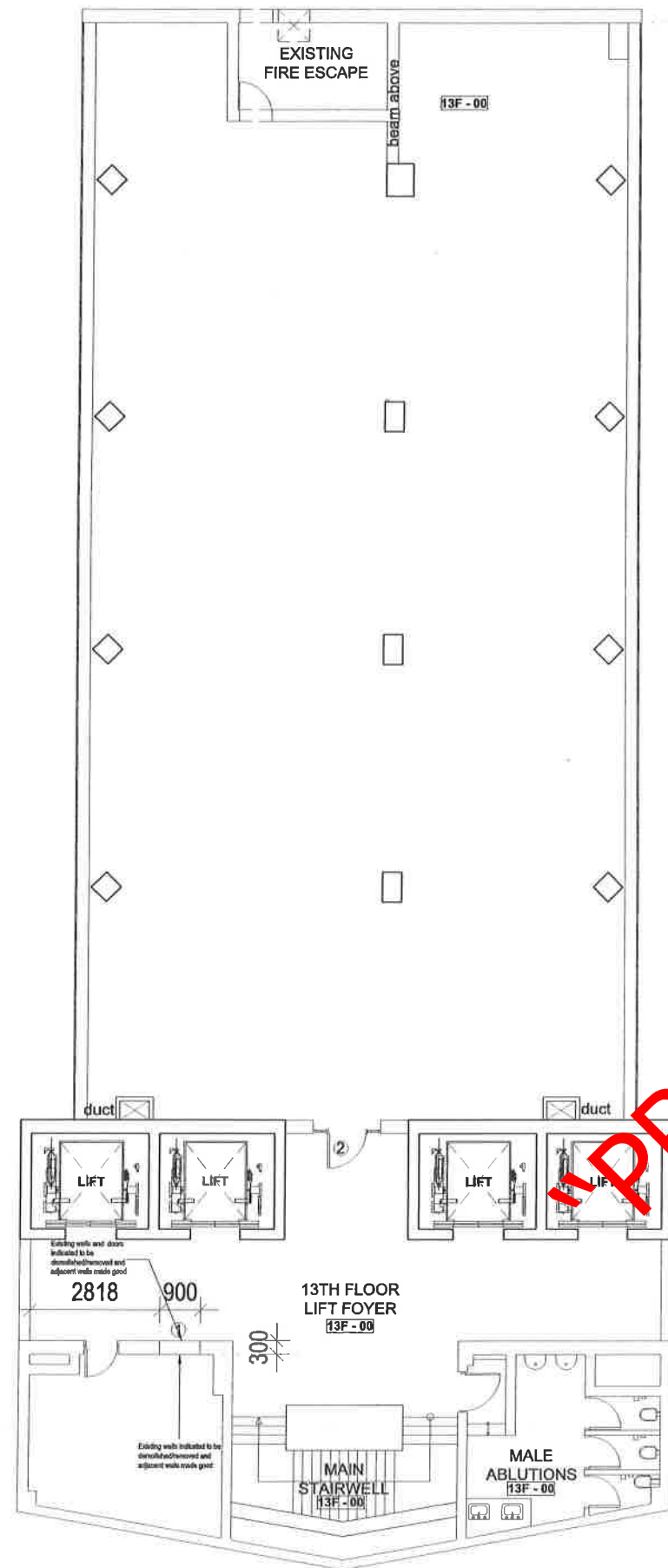
Drawing description:

**9th & 10th Floor
Demolish Plan Layout**

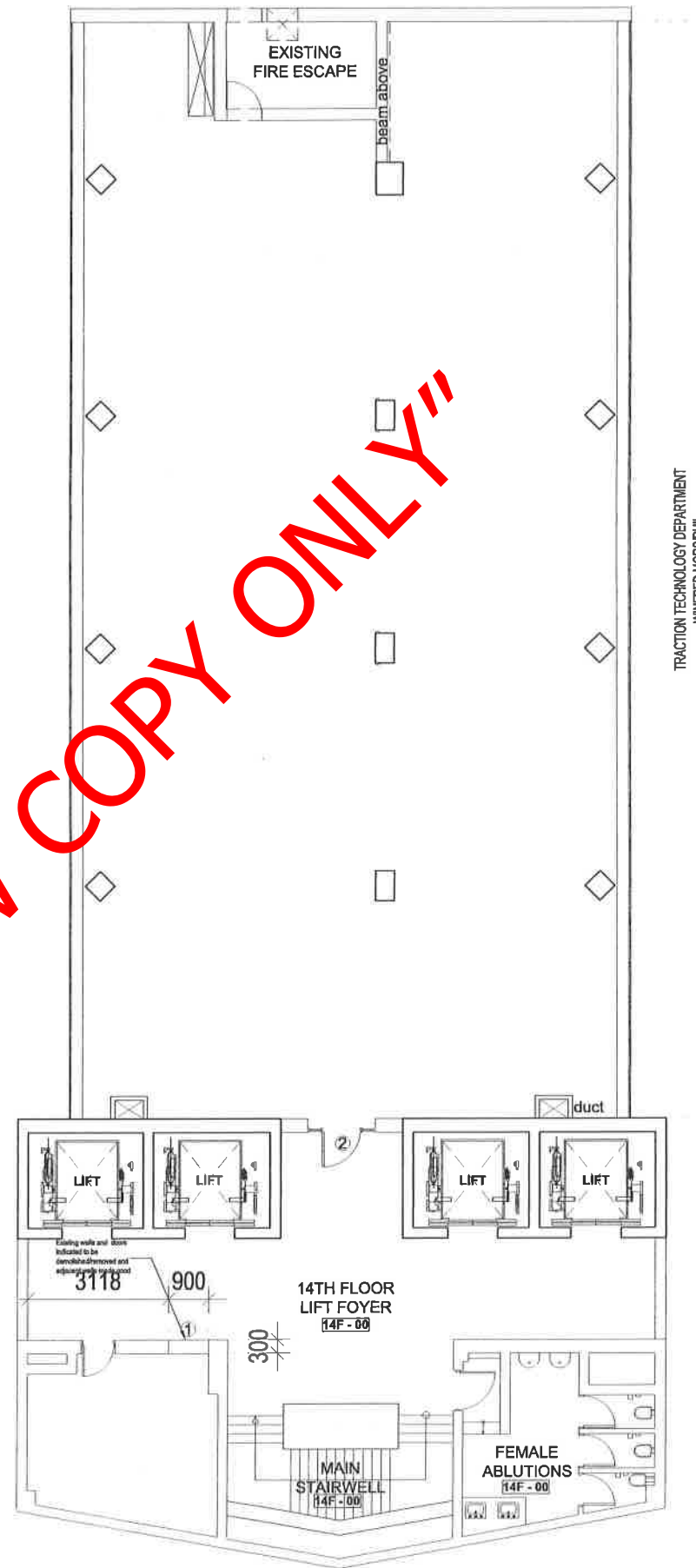
Drawn: JD AF Date: 26-09-2011

Scale/s: 1:50

Drawing Number:	Revision:
11004-TLIG-2005	01



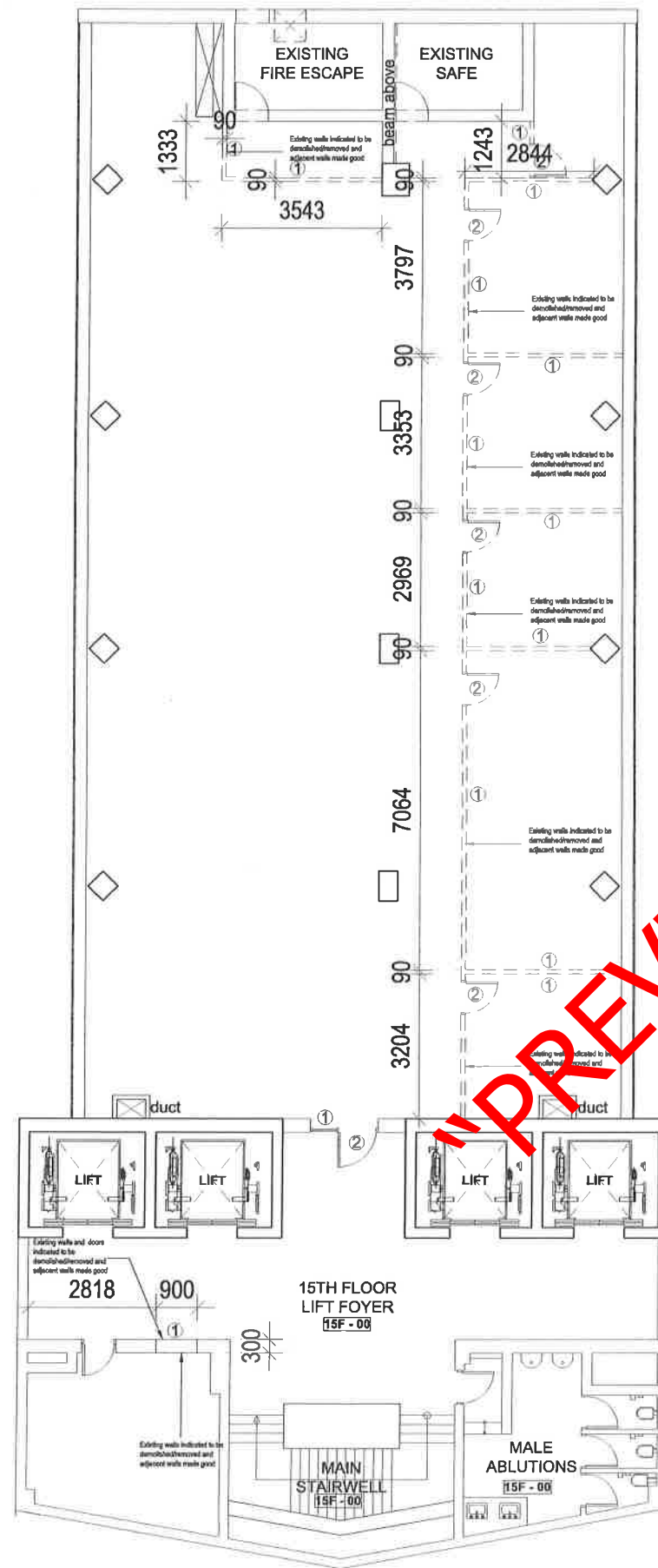
ELOFF STREET 13TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:50



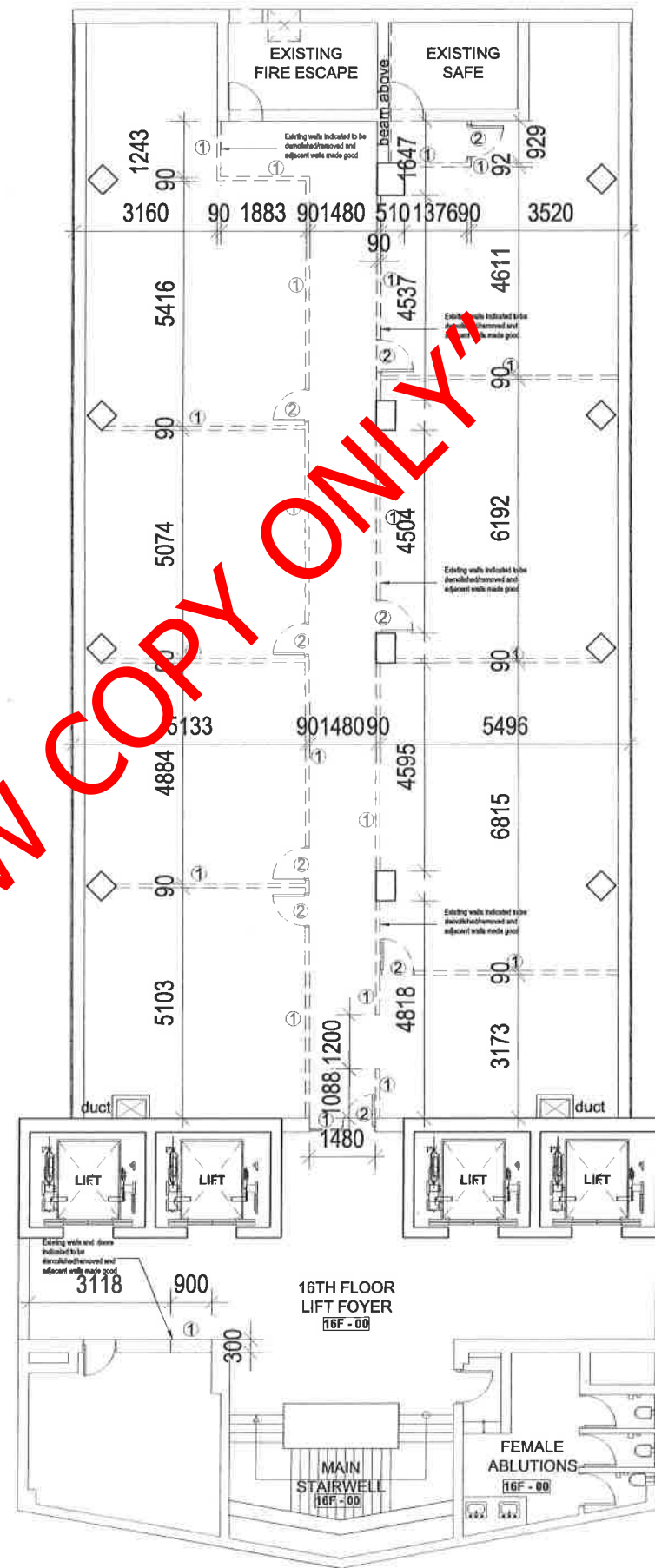
ELOFF STREET 14TH FLOOR
DEMOLISH PLAN LAYOUT
SCALE 1:50

DEMOLITION LEGEND	
	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING PARTITIONING TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC
WALL FINISHES	
EXISTING PAINTWORK ON WALLS AND COLUMNS (interior and exterior walls) TO BE SANDED DOWN AND MADE GOOD, TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISHING LAYOUT.	
TILING	
1. UPLIFT EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE 2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC. 3. ALLOW FOR NEW FLOOR SCREED TO RECEIVE NEW TILES AS PER SPEC. 4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC. 5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.	
CARPETS	
1. UPLIFT EXISTING CARPETS/CARPET TILES (Bedrooms & Living) ON FLOORS AND REMOVE FROM SITE 2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC. 3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC. 4. KEY COAT FLOORS TO RECEIVE NEW FLOOR FINISHES AS PER NEW SPEC.	
CEILINGS	
REMOVE ALL EXISTING CEILING / CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM / BULKHEADS & PLASTERBOARD CEILING AS PER CEILING LAYOUT & FINISHING SCHEDULE	
ELECTRICAL & LIGHTING	
REMOVE ALL NECESSARY LIGHT FITTINGS AS PER DETAILED REPORT BY ELECTRICAL ENGINEER	
MECHANICAL	
DEMOLITION AND REMOVAL OF EXISTING HVAC SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS BY MECHANICAL ENGINEER	
CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING FINISHES THAT ARE NOT BEING DEMOLISHED	
DAMAGES TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR	
ALL ASBESTOS MATERIALS MUST BE REMOVED AND DISCARDED IN ACCORDANCE WITH OHS AND GHS REGULATIONS	
1. Wall to be demolished. 2. Door to be removed. 3. Window to be removed. 4. Door to be removed and opening bricked up. 5. Window to be removed and opening bricked up. 6. Baywindow to be removed, plumbing to be sealed and connected, floor to be made good for alternate use. 7. Existing WC to be removed and replaced with new spec. 8. Existing WTB to be removed and replaced with new spec. 9. Existing toilet to be removed and replaced with new spec. 10. Sinks to be removed, existing plumbing to be removed and solution layout to be reconfigured.	

NOTES: 1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect. 2. Partial demolition: Any discrepancies with site or other information is to be referred to the Architect and direction or approval is to be sought before the implementation of the detail. 3. Do not scale this drawing. 4. For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.			
Revisions:			
Rev No	Date	Description	Rev No
General Signature			
Signature :			
Date :			
Checked by Architectural Consultants (PQA Architects):			
Name: Pratik Govender & Jann Dharwadkar			
Signature:			
Date: Jan 2011			
LDM Solutions For The Built Environment Head Office: Suite 202, Office Tower, Corner of 25th & 26th Avenue, Ridge, Durban. Durban: 4051 x 1411 (031) 2111111 Pty Ltd: 125 Ledge Street, Kwa-Mashu, 4013 Durban. Phone: 031 271 1111 Fax: 031 271 1111 E-Mail: info@lmd.co.za			
Client:			
TRANSNET TRANSNET 138 ELOFF STREET			
Project:			
PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG			
Drawing description:			
13th & 14th Floor Demolish Plan Layout			
Drawn: JDAF Date: 20-09-2011			
Scale: 1:50			
Drawing Number: 11004-TLB-2007 Revision: 01			



ELOFF STREET 15TH FLOOR
DEMOLISH PLAN LAYOUT



ELOFF STREET 16TH FLOOR
DEMOLISH PLAN LAYOUT

DEMOLITION LEGEND	
	EXISTING MASONRY/CONCRETE TO BE DEMOLISHED
	EXISTING PARTITIONING TO BE DEMOLISHED
	ALL EXISTING DOORS TO BE REMOVED AND REPLACED TO NEW SPEC
WALL FINISHES	
EXISTING PAINTWORK ON WALLS AND COLUMNS (perimeter and interior walls) TO BE SANDED DOWN AND MADE GOOD, TO RECEIVE NEW PAINT FINISH AS PER FINISHING SCHEDULE, AND WALL FINISHING LAYOUT.	
TILING	
1. LIFT/UP EXISTING CERAMIC & PORCELAIN TILES ON FLOORS & WALLS REMOVE FROM SITE 2. REMOVE ALL EXISTING ADHESIVE FROM WALL TO RECEIVE NEW TILES AS PER SPEC. 3. ALLOW FOR NEW FLOOR SCREED TO RECEIVE NEW TILES AS PER SPEC. 4. KEY COAT EXISTING WALLS TO RECEIVE NEW TILES AS PER SPEC. 5. KEY COAT FLOORS TO RECEIVE NEW FLOOR TILES AS PER SPEC.	
CARPETS	
1. LIFT/UP EXISTING CARPETS / CARPET TILES (breakdown & bags) ON FLOORS AND REMOVE FROM SITE. 2. REMOVE ALL EXISTING ADHESIVE FROM FLOORS TO RECEIVE NEW CARPETS AS PER SPEC. 3. KEY COAT EXISTING FLOORS (if necessary) TO RECEIVE NEW FLOOR FINISHES AS PER SPEC. 4. KEY COAT FLOORS TO RECEIVE NEW FLOOR FINISHES AS PER NEW SPEC.	
CEILING	
REMOVE ALL EXISTING CEILING / CEILING SYSTEMS & SUBSTRUCTURES AND MAKE GOOD TO ACCEPT SPECIFIED CEILING SYSTEM / RAILHEADS & PLASTERBOARD CEILING AS PER CEILING LAYOUT & FINISHING SCHEDULE.	
ELECTRICAL & LIGHTING	
REMOVE ALL NECESSARY LIGHT FITTINGS AS PER DETAILED REPORT BY ELECTRICAL ENGINEER	
MECHANICAL	
DEMOLITION AND REMOVAL OF EXISTING HVAC SYSTEMS AS PER DETAILED REPORT & INSTRUCTIONS BY MECHANICAL ENGINEER	
CONTRACTOR TO TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE EXISTING FINISHES THAT ARE NOT BEING DEMOLISHED	
DAMAGES TO EXISTING FINISHES CAUSED BY THE CONTRACTOR MUST BE REPAIRED BY THE CONTRACTOR	
ALL ASBESTOS MATERIALS MUST BE REMOVED AND DISCARDED IN ACCORDANCE WITH OHS AND SABS REGULATIONS	
① Wall to be demolished. ② Door to be removed. ③ Window to be removed. ④ Door to be removed and opening bricked up. ⑤ Window to be removed and opening bricked up. ⑥ Scaffolding to be removed, plumbing to be sealed and concealed, floor to be made good for elements use. ⑦ Existing WC to be removed and replaced with new spec. ⑧ Existing WHB to be removed and replaced with new spec. ⑨ Existing urinal to be removed and replaced with new spec. ⑩ Scaffolding to be removed, existing plumbing to be removed and ablation layout to be reconfigured.	

NOTES:

- All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
- Partial Demolition: Any discrepancies with site or other information is to be submitted to the Architect and decision or approval is to be sought before the implementation of the work.
- Do not scale this drawing.
- For the purpose of coordination, all relevant parties must check the information prior to implementation and report any discrepancies to the Architect.

Rev	Date	Description	Rev By

Client's Signature: _____

Signature: _____

Date: _____

Checked by Architectural Consultants (PQA Architects): _____

Name: PQA Architects & Design Consultants

Signature: _____

Date: Jan 2011

LDM
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Client: **TRANSNET**
TRANSNET 138 ELOFF STREET

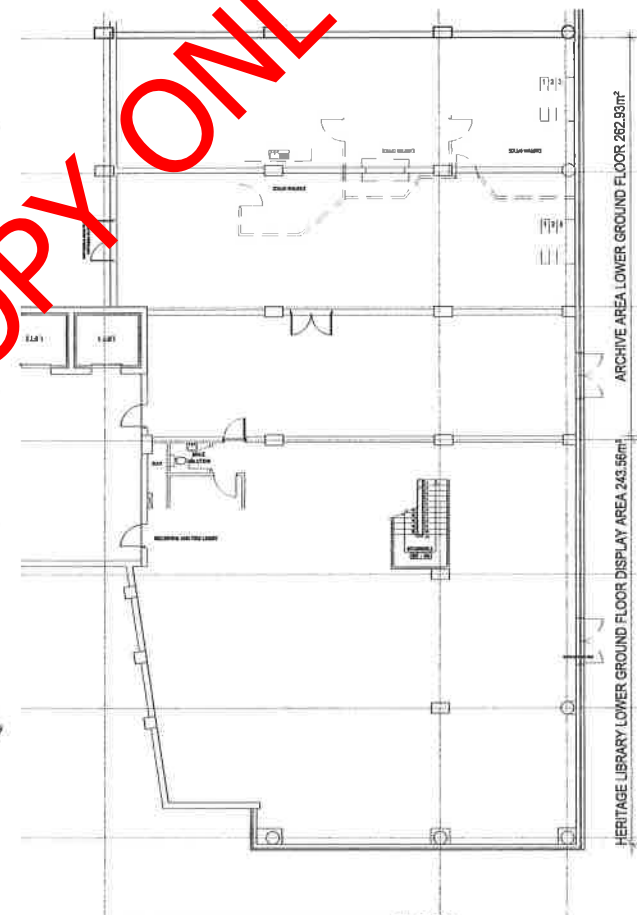
Project: PROPOSED NEW INTERIOR LAYOUTS FOR TRANSNET FREIGHT RAIL GAUTENG

Drawing description: 15th, 16th Floors Demolish plan Layout

Drawn: J.O.A.F. Date: 25-09-2011

Scale: 1:50

Drawing Number: 11004-TLB-2008 Revision: 01



**ELOFF STREET LOWER GROUND FLOOR
DEMOLISH PLAN LAYOUT**
SCALE 1:100

- ① Wall to be demolished.
- ② Door to be removed.
- ③ Window to be removed.
- ④ Door to be removed and opening bricked up.
- ⑤ Window to be removed and opening bricked up.
- ⑥ Sawnwork to be removed, plumbing to be sealed and concealed, floor to be made good for alternate use.
- ⑦ Existing WC to be removed and replaced with new spec.
- ⑧ Existing WHB to be removed and replaced with new spec.
- ⑨ Existing urinal to be removed and replaced with new spec.
- ⑩ Sawnwork to be removed, existing plumbing to be removed and substitution layout to be reconfigured.

1. All boundaries, dimensions and levels are to be checked on site before construction and any discrepancies are to be reported to the Architect.
2. Partial Service: Any discrepancies with site or other information is to be advised to the Architect and direction or approval is to be sought before the implementation of the detail.
3. Do not scale this drawing
4. For the purpose of coordination, all relevant parties must check this information prior to implementation and report any discrepancies to the Architect.

Drawing Number:	Revision:
11004-TLIB-2000	01