



TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

T1.1 Tender Notice and Invitation to Tender

Transnet SOC Ltd invites tenders for Transnet Freight Rail, Real Estate Management, Kimberley
Maintenance work to assets 02WK007B, 02XK007B and 02XK009B in Kroonstad within a period of 3 months.

Tenderers should have a CIDB contractor grading designation of 1 GB or higher.

The physical address for collection of tender documents is Transnet Freight Rail, Supply Chain Services, Real Estate Management Building, Room 1, Austen Street, Beaconsfield in Kimberley. A non-refundable tender fee of **R250.00 (inclusive of Vat) is applicable per tender. Payment is to be made to Transnet Freight Rail, Standard Bank Account number 203158598, Branch code 004805.** The deposit slip must reflect **RFQ: BFX/54060** and the contractor's company name. Proof of payment presented prior to the collection of the tender.

If Bidders intend to download the RFQ document from Transnet Freight Rail Portal at

<http://www.transnetfreightrail-tfr.net/Supplier/Pages/Tenders.aspx> only the download RFQ document is issued free of charge. After the document has been downloaded, bidders are required to send their **contact** details to the following address: **kobie.nelson@transnet.net** by 16 January 2017 before 15H00. This is to ensure that any required communication (e.g. addenda to the RFQ) in relation to this RFQ reaches those intending to respond.

For enquiries regarding collection of documents, contact Ms Kobie Nelson (053) 838 3364

A **compulsory clarification** meeting with representatives of the Employer will take place at in front of Kroonstad station building in Kroonstad on 17 January 2017 starting at 11H00 hrs. All bidders attending the site meeting must have their printed RFQ document with them before the meeting starts. **Bidders who do not have their printed document will be excluded from the meeting, as well as their bids disqualified.**

The closing time for receipt of tenders is 10H00 hrs. On 31 January 2017. In the tender box and **late tenders will not be accepted.**

Tenders may only be submitted on the tender documentation that is issued.

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

Transnet urges Clients, Suppliers and Service Providers to report any acts of fraud and/or instances of corruption to Transnet's TIP-OFFS ANONYMOUS on 0800 003 056 or Transnet@tip-offs.com.



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WITHIN A PERIOD OF 3 MONTHS

ACKNOWLEDGMENT OF RECEIPT OF DOCUMENTS
AND INTENTION TO TENDER

(To be returned within 3 days after receipt)

FAX TO: Transnet Freight Rail

Fax No. (053) 838 3007

Tender

No.: BFX/54060

Attention: Kobie Nelson

Closing

Date: 31 January 2017

For:*Maintenance work to assets 02WK007B, 02XK007B and 02XK009B in Kroonstad within a period of 3 months.***We: Do wish to tender** for the work and shall return our tender by the due date above**Check****Yes** ☐**Do not wish to tender** on this occasion and herewith return all your documents received**No** ☐

REASON FOR NOT TENDERING:

COMPANY'S NAME, ADDRESS, CONTACT, PHONE AND TELEFAX NUMBERS

SIGNATURE: _____

TITLE: _____

NEC3 Engineering and Construction Contract (ECC)

entered into by and between

Transnet SOC Ltd

Registration Number 1990/000900/06

(hereinafter referred to as the "*Employer*")

and

Pending

Registration Number:

(hereinafter referred to as the "*Contractor*")

Contract Number	BFX/54060
Start Date	To be advised
Completion Date	To be advised

CONTRACT DOCUMENTS

Form of Offer and Acceptance

Contract Data

Part One – Data provided by the *Employer*

Part Two – Data provided by the *Contractor*

Conditions of Contract (3rd Edition – available separately)

Pricing Data

Works Information

Site Information

Appendices

T1.2 Tender Data (Alternative Method 2)

The conditions of tender are the Standard Conditions of Tender as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement (January 2009) as published in Government Gazette No 31823, Board Notice 12 of 2009 of 30 January 2009, subsequently amended (May 2010), Board Notice 86 of 2010. (See www.cidb.org.za)

The Standard Conditions of Tender make several references to Tender Data for details that apply specifically to this tender. This 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 in the left hand column to the clause in the Standard Conditions of Tender to which it mainly applies.

Clause	Data
F.1.1	The <i>Employer</i> is Transnet SOC Ltd (Reg No. 1990/000900/30)
F.1.2	The tender documents issued by the <i>Employer</i> comprise: Part T: The Tender Part T1: Tendering procedures Part T2 : Returnable documents Part C: The Contract Part C1: Agreements and contract data Part C2: Pricing data Part C3: Scope of work Part C4: Site information
	T1.1 Tender Notice and Invitation to Tender T1.2 Tender Data T2.1 List of Returnable Documents T2.2 Returnable Schedules C1.1 Form of Offer and Acceptance C1.2 Contract Data (Part 1 & 2) C2.1 Pricing Instructions C2.2 Price List C3.1 Works Information C4.1 Site Information
F.1.4	The Employer's agent is: Name: Address: Tel No. Fax No. E – mail
	Regional Procurement Manager/Lead Christopher Williams Real Estate Management Building, Austen Street, Beaconsfield, Kimberley 053 083-3477 011 774 9787 Christopher.Williams@transnet.net

F.2.1 Only those tenderers who satisfy the following eligibility criteria are eligible to submit tenders:

1. Tender offers will only be considered if:
 - a) An authorised representative of the tendering entity attends the compulsory clarification meeting in terms F.2.7 below *(if applicable)*
2. Only those tenderers who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum tendered or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations, for a 1GB or higher class of construction work, are eligible to have their tenders evaluated.







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 1GB or higher 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 1GB or higher class of construction work or a value determined in accordance with Regulation 25(1B) or 25(7A) of the Construction Industry Development Regulations

3. Pre-Qualifying Quality (Functionality) Criteria

Only those tenderers who attain the minimum number of evaluation points for Quality (functionality) will be eligible for further evaluation, failure to meet the minimum threshold will result in the tender being disqualified and removed from further consideration

3.1 Steps in Evaluation Methodology

Prequalification		Stage 1	Stage 2			
Step 1	Step 1	Step 1	Step 1	Step 1	Step 1	Step 1
Administrative Responsiveness  Returnable Documents & Schedules	Substantive Responsiveness  Pre-qualification	Technical  60% Technical Compliance	Weighted Scoring 100 points  Price 80 BBBEE 20 Weighted Score	Post tender negotiation requesting Bidders to provide Best and Final Offer. 	Final Evaluation 80/20 	Select preferred Bidder & negotiate final Conclude Contract incorporating these commitments

The pre-qualifying Quality (functionality) criteria and maximum score in respect of each of the criteria are as follows:

Pre-qualifying Quality criteria	Sub-Criteria	Weight	Maximum number of points
Company's Previous Experience (T2.2-25)		30	30
Relevance of experience (Years of Experience project Specific) – (comparable/similar projects).			
No Experience > 1 Year	0		
2 to 3 Years' Experience	9		
3 to 4 Years' Experience	16		
4 to 5 Years' Experience	23		
> 5 Years' Experience	30		
Management Arrangements and CV's of key persons (T2.2-7)		30	30
Organogram of Company	8		
General Experience and qualifications	10		
Adequacy for the assignment	7		
Knowledge of local issues pertinent to the project	5		
Quality Plan (T2.2-20)		20	20
General Practice & Procedures indicating clear understanding of intention to comply with legislation & meet Employer's requirements.	5		
Outline of procedures in relation to project specific challenges	5		
Resource allocation (people, costs)	10		
Health & Safety Plan (T2.2-22)		20	20
Safety File Index	4		
Safety Work method Statement and Risk Assessment	2		
Valid Letter of Good Standing (Labour, Insurance, SARS)	2		
SHE Management System	2		
Overview of RA process and examples	2		
Six months synopsis of SHE incidents, description, type and action taken.	2		
Safe Working Procedure for Hand Tools and Equipment	6		
Maximum possible score for pre-qualifying Quality			100

Pre-qualifying Quality shall be scored by not less than three evaluators and averaged in accordance with the following schedules: *(List applicable evaluation schedules and include such schedules in the returnable schedules)*

- T2.2-2 Programme
- T2.2-20 Quality Plan
- T2.2-22 Health and Safety Plan
- T2.2-25 Previous Experience

The minimum number of evaluation points for quality is : 60

The persons named in the Schedule of Key Persons of tenderers who satisfy the minimum quality criteria may be invited to an interview. Tenderers who attain a score of less than 50% of the points allocated to the interview will be declared ineligible to tender.

Each evaluation criteria will be assessed in terms of Five indicators – no response, poor, satisfactory, good and very good. Scores of 0, 40, 70, 90 or 100 will be allocated to no response, poor, satisfactory, good and very good, respectively. The scores of each of the evaluators will be averaged, weighted and then totalled to obtain the final score for quality, unless scored collectively. (See CIDB Inform Practice Note #9)

Note: Any tender not complying with all three of the above mentioned stipulations, numbered 1 to 3, will be regarded as non-responsive and will therefore not be considered for further evaluation

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- | | |
|----------|--|
| F.2.7 | The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. |
| | Tenderers must sign the attendance list in the name of the tendering entity. Addenda will be issued to and tenders will be received only from those tendering entities appearing on the attendance list. |
| F.2.10.3 | Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. |
| F.2.12 | No alternative tender offers will be considered. |
| F.2.13.3 | Parts of each tender offer communicated on paper shall be as an original. |
| F.2.13.5 | The Employer's details and address for delivery of tender offers and identification details that are to be shown on each tender offer package are: |
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Location of tender box: Office No 2

Physical address: Transnet SOC Limited
Secretariat of the Acquisition Council, Admin support Office
Office No 2
Real Estate Management Building
Austen Street, Beaconsfield
Kimberley
8300

F.2.15.1 Identification details: The tender documents must be submitted in a sealed envelope labelled with:

- Name of Tenderer
- Contact person and details
- The Tender number: **BFX/54060**
- The Tender Description: **For the Maintenance work to assets 02WK001B, 02XK007B and 02XK009B in Kroonstad within a period of 3 months.**

Documents must be marked for the attention of:
Christopher Williams

Prior arrangement on the submittal of large tender documents should be made with the Procurement Manager.

NO LATE TENDERS WILL BE ACCEPTED

F.2.13.9 Telephonic, telegraphic, facsimile or e-mailed tender offers will not be accepted.

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

F.2.16 The tender offer validity period is 12 weeks

F.2.18 Provide, on request by the *Employer*, any other material information that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the *Employer* for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the *Employer's* request, the *Employer* may regard the tender offer as non-responsive.

F.2.20 If requested, submit for the *Employer's* acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the Contract Data. (The format is included in Part T2.2 of this procurement document).

F.2.22 Return all retained tender documents within 28 days after the expiry of the validity period

F.2.23 The tenderer is required to submit with his tender:

1. a valid **original** Tax Clearance Certificate issued by the South African Revenue Services;
2. A valid certified SANAS accredited or IRBA approved B-BBEE verification certificate or Bidders who qualify as EME's 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, and

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3. A completed Supplier Declaration Form (Stamped and signed by the commissioner of oaths)
 4. Letter of Good Standing
 5. Proof of CSD Registration.

Note: Refer to Section T2.1 for List of Returnable Documents

F.3.4 The time and location for opening of the tender offers are:
 Time 10:15 on Tuesday, 31 January 2017

Location: Ground Floor, Boardroom, Real Estate Management, Austen Street, Beaconsfield, Kimberley

F.3.11.3 The procedure for the evaluation of responsive tenders is Method 2.

F.3.11.7 The financial offer will be scored using Formula 2 (option 1) in Table F.1 where the value of W_1 is:

80 where the financial value inclusive of VAT of one or more responsive tender offers have a value that equals or is less than R 1,000 000

Up to 100 minus W_1 tender evaluation points will be awarded to tenderers who complete the preferencing schedule and who are found to be eligible for the preference claimed.

Should the BBBEE rating not be provided, Transnet reserves the right to award no points and/or declare the tender void. Transnet also reserves the right to carry out an independent audit of the tenderers scorecard components at any stage from the date of close of the tenders until completion of the contract. Tenderers with no accreditation will score zero points for preferencing.

Note:

In the event that, in the application of the 80/20 preference point system as stipulated, all tenders received exceed the estimated Rand value of R1 000 000, the tender invitation must be cancelled

F.3.13 Tender offers will only be accepted if:

- a) the tenderer submits an **original valid** Tax Clearance Certificate issued by the South African Revenue Services or has made arrangements to meet outstanding tax obligations;
- b) the tenderer submits a letter of intent from an insurer undertaking to provide the Performance Bond to the format included in Part T2.2 of this procurement document
- c) the tenderer is registered with the Construction Industry Development Board in an appropriate contractor grading designation;
- d) the tenderer or any of its directors/shareholders 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 does not appear on Transnet list for restricted tenderers.
- f) the tenderer has completed the Compulsory Enterprise Questionnaire and there are no conflicts of interest which may impact on the tenderer's ability to perform the contract in

the best interests of the Employer or potentially compromise the tender process and persons in the employ of the state are permitted to submit tenders or participate in the contract;

- g) the tenderer is registered and in good standing with the compensation fund or with a licensed compensation insurer;
- h) the Employer is reasonably satisfied that the tenderer has in terms of the Construction Regulations, 2003, issued in terms of the Occupational Health and Safety Act, 1993, the necessary competencies and resources to carry out the work safely.

F.3.17 The number of paper copies of the signed contract to be provided by the Employer is 1 (one).

T1.3 CIDB Standard Conditions of Tender

January 2009 Edition



As published in Annexure F of the CIDB Standard for Uniformity in Construction Procurement in Board Notice 12 of 2009 in Government Gazette No 31823 of 30 January 2009

F.1 General

F.1.1 Actions

F.1.1.1 The employer and each tenderer submitting a tender offer shall comply with these conditions of tender. In their dealings with each other, they shall discharge their duties and obligations as set out in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently, comply with all legal obligations and not engage in anticompetitive.

F.1.1.2 The employer and the tenderer and all their agents and employees involved in the tender process shall avoid conflicts of interest and where a conflict of interest is perceived or known, declare any such conflict of interest, indicating the nature of such conflict. Tenderers shall declare any potential conflict of interest in their tender submissions. Employees, agents and advisors of the employer shall declare any conflict of interest to whoever is responsible for overseeing the procurement process at the start of any deliberations relating to the procurement process or as soon as they become aware of such conflict, and abstain from any decisions where such conflict exists or recuse themselves from the procurement process, as appropriate.

- Note:**
- 1) A conflict of interest may arise due to a conflict of roles which might provide an incentive for improper acts in some circumstances. A conflict of interest can create an appearance of impropriety that can undermine confidence in the ability of that person to act properly in his or her position even if no improper acts result.
 - 2) Conflicts of interest in respect of those engaged in the procurement process include direct, indirect or family interests in the tender or outcome of the procurement process and any personal bias, inclination, obligation, allegiance or loyalty which would in any way affect any decisions taken.

F.1.1.3 The employer shall not seek and a tenderer shall not submit a tender without having a firm intention and the capacity to proceed with the contract.

F.1.2 Tender Documents

The documents issued by the employer for the purpose of a tender offer are listed in the tender data.

F.1.3 Interpretation

F.1.3.1 The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of tender.

F.1.3.2 These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.

F.1.3.3 For the purposes of these conditions of tender, the following definitions apply:

- a) **conflict of interest** means any situation in which:
 - i) someone in a position of trust has competing professional or personal interests which make it difficult to fulfill his or her duties impartially;
 - ii) an individual or organisation is in a position to exploit a professional or official capacity in some way for their personal or corporate benefit; or
 - iii) incompatibility or contradictory interests exist between an employee and the organisation which employs that employee.
- b) **comparative offer** means the tenderer's financial offer after all tendered parameters that will affect the value of the financial offer have been taken into consideration in order to enable comparisons to be made between offers on a comparative basis
- c) **corrupt practice** means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
- d) **fraudulent practice** means the misrepresentation of the facts in order to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels
- e) **organisation** means a company, firm, enterprise, association or other legal entity, whether incorporated or not, or a public body
- f) **quality (functionality)** means the totality of features and characteristics of a product or service that bear on its ability to satisfy stated or implied needs

F.1.4 Communication and employer's agent

Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be readily read, copied and recorded. Communications shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.

F.1.5 The employer's right to accept or reject any tender offer

F.1.5.1 The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection, but will give written reasons for such action upon written request to do so.

F.1.5.2 The employer may not subsequent to the cancellation or abandonment of a tender process or the rejection of all responsive tender offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received and such tender was returned unopened to the tenderer.

F.1.6 Procurement procedures

F.1.6.1 General

Unless otherwise stated in the tender data, a contract will, subject to F.3.13, be concluded with the tenderer who in terms of F.3.11 is the highest ranked or the tenderer scoring the highest number of tender evaluation points, as relevant, based on the tender submissions that are received at the closing time for tenders.

F.1.6.2 Competitive negotiation procedure

F.1.6.2.1 Where the tender data require that the competitive negotiation procedure is to be followed, tenderers shall submit tender offers in response to the proposed contract in the first round of submissions. Notwithstanding the requirements of F.3.4, the employer shall announce only the names of the tenderers who make a submission. The requirements of F.3.8 relating to the material deviations or qualifications which affect the competitive position of tenderers shall not apply.

F.1.6.2.2 All responsive tenderers, or not less than three responsive tenderers that are highest ranked in terms of the evaluation method and evaluation criteria stated in the tender data, shall be invited in each round to enter into competitive negotiations, based on the principle of equal treatment and keeping confidential the proposed solutions and associated information. Notwithstanding the provisions of F.2.17, the employer may request that tenders be clarified, specified and fine-tuned in order to improve a tenderer's competitive position provided that such clarification, specification, fine-tuning or additional information does not alter any fundamental aspects of the offers or impose substantial new requirements which restrict or distort competition or have a discriminatory effect.

F.1.6.2.3 At the conclusion of each round of negotiations, tenderers shall be invited by the employer to make a fresh tender offer, based on the same evaluation criteria, with or without adjusted weightings. Tenderers shall be advised when they are to submit their best and final offer.

F.1.6.2.4 The contract shall be awarded in accordance with the provisions of F.3.11 and F.3.13 after tenderers have been requested to submit their best and final offer.

F.1.6.3 Proposal procedure using the two stage-system

F.1.6.3.1 Option 1

Tenderers shall in the first stage submit technical proposals and, if required, cost parameters around which a contract may be negotiated. The employer shall evaluate each responsive submission in terms of the method of evaluation stated in the tender data, and in the second stage negotiate a contract with the tenderer scoring the highest number of evaluation points and award the contract in terms of these conditions of tender.

F.1.6.3.2 Option 2

F.1.6.3.2.1 Tenderers shall submit in the first stage only technical proposals. The employer shall invite all responsive tenderers to submit tender offers in the second stage, following the issuing of procurement documents.

F.1.6.3.2.2 The employer shall evaluate tenders received during the second stage in terms of the method of evaluation stated in the tender data, and award the contract in terms of these conditions of tender.

F.2 Tenderer's obligations

F.2.1 Eligibility

F.2.1.1 Submit a tender offer only if the tenderer satisfies the criteria stated in the tender data and the tenderer or any of his principals, is not under any restriction to do business with employer.

F.2.1.2 Notify the employer of any proposed material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used by the employer as the basis in a prior process to invite the tenderer to submit a tender offer and obtain the employer's written approval to do so prior to the closing time for tenders.

F.2.2 Cost of tendering

Accept that, unless otherwise stated in the tender data, the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer complies with requirements.

F.2.3 Check documents

Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.

F.2.4 Confidentiality and copyright of documents

Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.

F.2.5 Reference documents

Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.

F.2.6 Acknowledge addenda

Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary apply for an extension to the closing time stated in the tender data, in order to take the addenda into account.

F.2.7 Clarification meeting

Attend, where required, a clarification meeting at which tenderers may familiarise themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.

F.2.8 Seek clarification

Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.

F.2.9 Insurance

Be aware that the extent of insurance to be provided by the employer (if any) might not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.

F.2.10 Pricing the tender offer

- F.2.10.1** Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.
- F.2.10.2** Show VAT payable by the employer separately as an addition to the tendered total of the prices.
- F.2.10.3** Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data.
- F.2.10.4** State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.

F.2.11 Alterations to documents

Do not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall Initial all such alterations. Erasures and the use of masking fluid are prohibited.

F.2.12 Alternative tender offers

F.2.12.1 Unless otherwise stated in the tender data, submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted as well as a schedule that compares the requirements of the tender documents with the alternative requirements that are proposed.

F.2.12.2 Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.

F.2.13 Submitting a tender offer

F.2.13.1 Submit one tender offer only, either as a single tendering entity or as a member in a joint venture to provide the whole of the works, services or supply identified in the contract data and described in the scope of works, unless stated otherwise in the tender data.

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

F.2.13.3 Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.

F.2.13.4 Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.

F.2.13.5 Seal the original and each copy of the tender offer as separate packages marking the packages as "ORIGINAL" and "COPY". Each package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

F.2.13.6 Where a two-envelope system is required in terms of the tender data, place and seal the returnable documents listed in the tender data in an envelope marked "financial proposal" and place the remaining returnable documents in an envelope marked "technical proposal". Each envelope shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.

F.2.13.7 Seal the original tender offer and copy packages together in an outer package that states on the outside only the employer's address and identification details as stated in the tender data.

F.2.13.8 Accept that the employer will not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.

F.2.13.9 Accept that tender offers submitted by facsimile or e-mail will be rejected by the employer, unless stated otherwise in the tender data.

F.2.14 Information and data to be completed in all respects

Accept that tender offers, which do not provide all the data or information requested completely and in the form required, may be regarded by the employer as non-responsive.

F.2.15 Closing time

F.2.15.1 Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Accept that proof of posting shall not be accepted as proof of delivery.

F.2.15.2 Accept that, if the employer extends the closing time stated in the tender data for any reason, the requirements of these conditions of tender apply equally to the extended deadline.

F.2.16 Tender offer validity

F.2.16.1 Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.

F.2.16.2 If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period with or without any conditions attached to such extension.

F.2.16.3 Accept that a tender submission that has been submitted to the employer may only be withdrawn or substituted by giving the employer's agent written notice before the closing time for tenders that a tender is to be withdrawn or substituted.

F.2.16.4 Where a tender submission is to be substituted, submit a substitute tender in accordance with the requirements of F.2.13 with the packages clearly marked as "SUBSTITUTE".

F.2.17 Clarification of tender offer after submission

Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the competitive position of tenderers or substance of the tender offer is sought, offered, or permitted.

Note: Sub-clause F.2.17 does not preclude the negotiation of the final terms of the contract with a preferred tenderer following a competitive selection process, should the Employer elect to do so.

F.2.18 Provide other material

F.2.18.1 Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided, by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.

F.2.18.2 Dispose of samples of materials provided for evaluation by the employer, where required.

F.2.19 Inspections, tests and analysis

Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.

F.2.20 Submit securities, bonds, policies, etc.

If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.

F.2.21 Check final draft

Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.

F.2.22 Return of other tender documents

If so instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

F.2.23 Certificates

Include in the tender submission or provide the employer with any certificates as stated in the tender data.

F.3 The employer's undertakings

F.3.1 Respond to requests from the tenderer

F.3.1.1 Unless otherwise stated in the tender Data, respond to a request for clarification received up to five working days before the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.

F.3.1.2 Consider any request to make a material change in the capabilities or formation of the tendering entity (or both) or any other criteria which formed part of the qualifying requirements used to prequalify a tenderer to submit a tender offer in terms of a previous procurement process and deny any such request if as a consequence:

- a) an individual firm, or a joint venture as a whole, or any individual member of the joint venture fails to meet any of the collective or individual qualifying requirements;
- b) the new partners to a joint venture were not prequalified in the first instance, either as individual firms or as another joint venture; or
- c) in the opinion of the Employer, acceptance of the material change would compromise the outcome of the prequalification process.

F.3.2 Issue Addenda

If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date that tender documents are available until three days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such extension and, shall then notify all tenderers who drew documents.

F.3.3 Return late tender offers

Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.

F.3.4 Opening of tender submissions

F.3.4.1 Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.

- F.3.4.2** Announce at the meeting held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened and, where applicable, the total of his prices, preferences claimed and time for completion for the main tender offer only.
- F.3.4.3** Make available the record outlined in F.3.4.2 to all interested persons upon request.
- F.3.5 Two-envelope system**
- F.3.5.1** Where stated in the tender data that a two-envelope system is to be followed, open only the technical proposal of valid tenders in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data and announce the name of each tenderer whose technical proposal is opened.
- F.3.5.2** Evaluate the quality of the technical proposals offered by tenderers, then advise tenderers who remain in contention for the award of the contract of the time and place when the financial proposals will be opened. Open only the financial proposals of tenderers, who score in the quality evaluation more than the minimum number of points for quality stated in the tender data, and announce the score obtained for the technical proposals and the total price and any preferences claimed. Return unopened financial proposals to tenderers whose technical proposals failed to achieve the minimum number of points for quality.
- F.3.6 Non-disclosure**
- Not disclose to tenderers, or to any other person not officially concerned with such processes, information relating to the evaluation and comparison of tender offers, the final evaluation price and recommendations for the award of a contract, until after the award of the contract to the successful tenderer.
- F.3.7 Grounds for rejection and disqualification**
- Determine whether there has been any effort by a tenderer to influence the processing of tender offers and instantly disqualify a tenderer (and his tender offer) if it is established that he engaged in corrupt or fraudulent practices.
- F.3.8 Test for responsiveness**
- F.3.8.1** Determine, after opening and before detailed evaluation, whether each tender offer properly received:
- a) complies with the requirements of these Conditions of Tender,
 - b) has been properly and fully completed and signed, and
 - c) is responsive to the other requirements of the tender documents.
- F.3.8.2** A responsive tender is one that conforms to all the terms, conditions, and specifications of the tender documents without material deviation or qualification. A material deviation or qualification is one which, in the Employer's opinion, would:
- a) detrimentally affect the scope, quality, or performance of the works, services or supply identified in the Scope of Work,
 - b) significantly change the Employer's or the tenderer's risks and responsibilities under the contract, or
 - c) affect the competitive position of other tenderers presenting responsive tenders, if it were to be rectified.
- F.3.8.3** Reject a non-responsive tender offer, and not allow it to be subsequently made responsive by correction or withdrawal of the non-conforming deviation or reservation.

F.3.9 Arithmetical errors, omissions and discrepancies

- F.3.9.1** Check responsive tenders for discrepancies between amounts in words and amounts in figures. Where there is a discrepancy between the amounts in figures and the amount in words, the amount in words shall govern.
- F.3.9.2** Check the highest ranked tender or tenderer with the highest number of tender evaluation points after the evaluation of tender offers in accordance with F.3.11 for:
- a) the gross misplacement of the decimal point in any unit rate;
 - b) omissions made in completing the pricing schedule or bills of quantities; or
 - c) arithmetic errors in:
 - i) line item totals resulting from the product of a unit rate and a quantity in bills of quantities or schedules of prices; or
 - ii) the summation of the prices.
- F.3.9.3** Notify the tenderer of all errors or omissions that are identified in the tender offer and either confirm the tender offer as tendered or accept the corrected total of prices.
- F.3.9.4** Where the tenderer elects to confirm the tender offer as tendered, correct the errors as follows:
- a) If bills of quantities or pricing schedules apply and there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
 - b) Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices.

F.3.10 Clarification of a tender offer

Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.

F.3.11 Evaluation of tender offers

F.3.11.1 General

Appoint an evaluation panel of not less than three persons. Reduce each responsive tender offer to a comparative offer and evaluate them using the tender evaluation methods and associated evaluation criteria and weightings that are specified in the tender data.

F.3.11.2 Method 1: Financial offer

In the case of a financial offer:

- a) Rank tender offers from the most favourable to the least favourable comparative offer.
- b) Recommend the highest ranked tenderer for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- c) Re-rank all tenderers should there be compelling and justifiable reasons not to recommend the highest ranked tenderer and recommend the highest ranked tenderer, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.3 Methods 2: Financial offer and preference

In the case of a financial offer and preferences:

- a) Score each tender in respect of the financial offer made and preferences claimed, if any, in accordance with the provisions of F.3.11.7 and F.3.11.8.
- b) Calculate the total number of tender evaluation points (*TEV*) in accordance with the following formula:

$$TEV = NFO + NP$$

where: *NFO* is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;

NP is the number of tender evaluation points awarded for preferences claimed in accordance with F.3.11.8.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points, and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated

F.3.11.4 Method 3: Financial offer and quality

In the case of a financial offer and quality:

- a) Score each tender in respect of the financial offer made and the quality offered in accordance with the provisions of F.3.11.7 and F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any.
- b) Calculate the total number of tender evaluation points (*TEV*) in accordance with the following formula:

$$TEV = NFO + NQ$$

where: *NFO* is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;

NQ is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.5 Method 4: Financial offer, quality and preferences

In the case of a financial offer, quality and preferences:

- a) Score each tender in respect of the financial offer made, preference claimed, if any, and the quality offered in accordance with the provisions of F.3.11.7 to

F.3.11.9, rejecting all tender offers that fail to score the minimum number of points for quality stated in the tender data, if any.

- b) Calculate the total number of tender evaluation points (*TEV*) in accordance with the following formula, unless otherwise stated in the Tender Data:

$$TEV = NFO + NP + NQ$$

where: *NFO* is the number of tender evaluation points awarded for the financial offer made in accordance with F.3.11.7;
NP is the number of tender evaluation points awarded for preferences claimed in accordance with F.3.11.8.
NQ is the number of tender evaluation points awarded for quality offered in accordance with F.3.11.9.

- c) Rank tender offers from the highest number of tender evaluation points to the lowest.
- d) Recommend the tenderer with the highest number of tender evaluation points for the award of the contract, unless there are compelling and justifiable reasons not to do so.
- e) Rescore and re-rank all tenderers should there be compelling and justifiable reasons not to recommend the tenderer with the highest number of tender evaluation points and recommend the tenderer with the highest number of tender evaluation points, unless there are compelling and justifiable reasons not to do so and the process set out in this subclause is repeated.

F.3.11.6 Decimal places

Score financial offers, preferences and quality, as relevant, to two decimal places.

F.3.11.7 Scoring Financial Offers

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

$$NFO = W1 \times A$$

where: *NFO* is the number of tender evaluation points awarded for the financial offer.
W1 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 stated in the Tender Data.

Table F.1: Formulae for calculating the value of *A*

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

^a *P_m* is the comparative offer of the most favourable comparative offer.

P is the comparative offer of the tender offer under consideration.

F.3.11.8 Scoring preferences

Confirm that tenderers are eligible for the preferences claimed in accordance with the provisions of the tender data and reject all claims for preferences where tenderers are not eligible for such preferences. Calculate the total number of tender evaluation points for preferences claimed in accordance with the provisions of the tender data.

F.3.11.9 Scoring quality

Score each of the criteria and subcriteria for quality in accordance with the provisions of the Tender Data.

Calculate the total number of tender evaluation points for quality using the following formula:

$$NQ = W2 \times SO / MS$$

where: SO is the score for quality allocated to the submission under consideration;
MS is the maximum possible score for quality in respect of a submission; and
W2 is the maximum possible number of tender evaluation points awarded for the quality as stated in the tender data

F.3.12 Insurance provided by the employer

If requested by the proposed successful tenderer, submit for the tenderer's information the policies and / or certificates of insurance which the conditions of contract identified in the contract data, require the employer to provide.

F.3.13 Acceptance of tender offer

Accept the tender offer, if in the opinion of the employer, it does not present any unacceptable commercial risk and only if the tenderer:

- a) is not under restrictions, or has principals who are under restrictions, preventing participating in the employer's procurement,
- b) can, as necessary and in relation to the proposed contract, demonstrate that he or she possesses the professional and technical qualifications, professional and technical competence, financial resources, equipment and other physical facilities, managerial capability, reliability, experience and reputation, expertise and the personnel, to perform the contract,
- c) has the legal capacity to enter into the contract,
- d) is not insolvent, in receivership, bankrupt or being wound up, has his affairs administered by a court or a judicial officer, has suspended his business activities, or is subject to legal proceedings in respect of any of the foregoing,
- e) complies with the legal requirements, if any, stated in the tender data, and
- f) is able, in the opinion of the employer, to perform the contract free of conflicts of interest.

F.3.14 Prepare contract documents

F.3.14.1 If necessary, revise documents that shall form part of the contract and that were issued by the employer as part of the tender documents to take account of:

- a) addenda issued during the tender period,
- b) inclusion of some of the returnable documents, and
- c) other revisions agreed between the employer and the successful tenderer.

F.3.14.2 Complete the schedule of deviations attached to the form of offer and acceptance, if any.

F.3.15 Complete adjudicator's contract

Unless alternative arrangements have been agreed or otherwise provided for in the contract, arrange for both parties to complete formalities for appointing the selected adjudicator at the same time as the main contract is signed.

F.3.16 Notice to unsuccessful tenderers

F.3.16.1 Notify the successful tenderer of the employer's acceptance of his tender offer by completing and returning one copy of the form of offer and acceptance before the expiry of the validity period stated in the tender data, or agreed additional period.

F.3.16.2 After the successful tenderer has been notified of the employer's acceptance of the tender, notify other tenderers that their tender offers have not been accepted.

F.3.17 Provide copies of the contracts

Provide to the successful tenderer the number of copies stated in the Tender Data of the signed copy of the contract as soon as possible after completion and signing of the form of offer and acceptance.

F.3.18 Provide written reasons for actions taken

Provide upon request written reasons to tenderers for any action that is taken in applying these conditions of tender, but withhold information which is not in the public interest to be divulged, which is considered to prejudice the legitimate commercial interests of tenderers or might prejudice fair competition between tenderers.

T2.1 List of Returnable Documents

1. These schedules are required for eligibility purposes:

T2.2-15 **Eligibility Criteria Schedule:** Certification of attendance at a tender clarification meeting

2. These schedules will be utilised for the evaluation of Functionality Criteria

T2.2-2 Programme
T2.2.7 Management and CV's of Key Persons
T2.2-25 Previous Experience
T2.2-20 Quality Plan

3. Returnable Schedules

T2.2-3 Risk Elements
T2.2-4 Availability of equipment and other resources
T2.2-7 Management and CV's of key persons
T2.2-8 Schedule of proposed Subcontractors/consultants
T2.2-9 Insurance provided by the Contractor
T2.2-14 Authority to submit tender
T2.2-15 Certificate of attendance at tender clarification meeting
T2.2-16 Record of addenda to tender documents
T2.2-17 Compulsory Enterprise Questionnaire
T2.2-20 Quality Plan
T2.2-22 Health and Safety Plan
T2.2-24 Capacity and ability to meet delivery schedule
T2.2-25 Previous experience
T2.2-31 Supplier Code of Conduct
T2.2-34 Supplier Declaration Form
T2.2-36 RFQ Declaration Form
T2.2.43 Breach of Law
T2.2-50 B-BBEE Preference Points claim Form
T2.2-51 Certificate of Acquaintance with Tender Documents

4. **C1.1: Offer portion of Form of Offer & Acceptance**
5. **C1.2: Contract Data Part 2: Data by *Contractor***
6. **C2.2: Price List**
7. **C3.1: Works Information**
8. **C4.1: Site Information**

T2.2-7: Management & CV's of Key Persons – ECC¹

Please describe the management arrangements for the *works*.

Submit the following documents as a minimum with your tender document:

1. An organisation chart showing on site and off-site management (including the key people you have identified in the Contract Data Part two and identify the required legal appointments.)
2. CV's for people proposed for all identified posts including Safety Officer and Quality Assurance Representative.
3. Details of the location (and functions) of offices from which the *works* will be managed.
4. Details of the experience of the staff who will be working on the *works* with respect to:
 - Working with the NEC3 Engineering and Construction Contract Option chosen for this contract. If staff experience of these matters is limited, an indication of relevant training that they have attended would be helpful.
5. An explanation of how you propose to allocate adequate resources to enable you to comply with the requirements and prohibitions imposed on you by or under the statutory provisions relating to health and safety.

Attached submissions to this schedule:

.....

.....

.....

.....

.....

Signed

Date

Name

Position

Tenderer

¹NEC3 Engineering & Construction Contract (with amendments June 2006 and April 2013)

T2.2-8: Schedule of Proposed Subcontractors

We notify you that it is our intention to employ the following subcontractors / sub consultants 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/ Consultant	Nature and extent of work	Previous experience with Subcontractor/ Consultant.	B-BBEEE Level Certificates to be attached	Value of subcontracted Work (excl. 14% Vat)	% Ownership Black Ownership
1.						
2.						
3.						
4.						
5.						
6.						

Signed

Date

Name

Position

Tenderer

T2.2-9: Insurance provided by the *Contractor*

Clause 84.1 in NEC3 Engineering & Construction Contract (June 2005)(amended June 2006 and April 2013) requires that the *Contractor* provides the insurance stated in the insurance table except any insurance which the *Employer* is to provide as stated in the Contract Data.

Please provide the following details for insurance which the *Contractor* is still to provide. Notwithstanding this information all costs related to insurance are deemed included in the tenderer's rates and prices.

Insurance against (See clause 84.2 of the ECC)	Name of Insurance Company	Cover	Premium
Loss of or damage to the <i>works</i> , Plant and Materials			
Loss of or damage to Equipment			
Liability for loss of or damage to property (except the <i>works</i> , Plant and Materials and Equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) caused by activity in connection with this contract.			
Liability for death of or bodily injury to employees of the <i>Contractor</i> arising out of and in the course of their employment in connection with this contract			
(Other)			

Signed _____ Date _____

Name _____ Position _____

Tenderer _____

T2.2-14: Authority to submit a Tender

Indicate the status of the tenderer by ticking the appropriate box hereunder. The tenderer must complete the certificate set out below for his category of organisation or alternatively attach a certified copy of a company / organisation document which provides the same information for the relevant category as requested here.

A - COMPANY	B - PARTNERSHIP	C - JOINT VENTURE	D - SOLE PROPRIETOR

A. Certificate for Company

I, _____, chairperson of the board of directors of _____
 _____, hereby confirm that by resolution of the board taken on ____
 _____ (date), Mr/Ms _____, acting in the capacity of _____
 _____ was authorised to sign all documents in connection with this tender offer and any
 contract resulting from it on behalf of the company.

Signed

Date

Name

Position

Chairman of the Board of Directors

B. Certificate for Partnership

We, the undersigned, being the **key partners** in the business trading as _____
_____ hereby authorise Mr/Ms _____, acting in the capacity of _____
_____, to sign all documents in connection with the tender offer for Contract _____
_____ and any contract resulting from it on our behalf.

Name	Address	Signature	Date

NOTE: This certificate is to be completed and signed by the full number of Partners necessary to commit the Partnership. Attach additional pages if more space is required.

C. Certificate for Joint Venture

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

This authorisation is evidenced by the attached power of attorney signed by legally authorised signatories of all the
partners to the Joint Venture.

Furthermore we attach to this Schedule a copy of the joint venture agreement which incorporates a statement that
all partners are liable jointly and severally for the execution of the contract and that the lead partner is authorised
to incur liabilities, receive instructions and payments and be responsible for the entire execution of the contract for
and on behalf of any and all the partners.

Name of firm	Address	Authorising signature, name (in caps) and capacity

D. Certificate for Sole Proprietor

I, _____, hereby confirm that I am the sole owner of the business trading as
_____.

Signed	_____	Date	_____
Name	_____	Position	Sole Proprietor

T2.2-15: Certificate of Attendance at Tender Clarification Meeting

This is to certify that

(Tenderer)

of

(address)

was represented by the person(s) named below at the compulsory tender clarification meeting

Held at:	In front of the Kroonstad Station Building in Kroonstad	
On (date)	17 January 2017	Starting time: 11:00

As the tenderer we undertake that by said persons attending the clarification meeting we have made it our business to familiarise ourselves with all aspects of the works / service / supply specified in the tender documents in order for us to take account of everything necessary to provide a responsive tender offer and to compile our rates and prices included in the tender offer.

We further understand that in addition to any queries raised on behalf of us at the meeting we may still approach the *Employer / Purchaser's* Representative to request clarification of the tender documents until no later than five working days before the tender closing time stated in the Tender Data.

Particulars of person(s) attending the meeting:

Name	_____	Signature	_____
Capacity	_____		
Name	_____	Signature	_____
Capacity	_____		

Attendance of the above persons at the meeting was confirmed by the procuring organisation's representative as follows:

Name	_____	Signature	_____
Capacity	_____	Date & time	_____

T2.2-16: Record of Addenda to Tender Documents

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

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

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

T2.2-17 : 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 the National Assembly or the National Council of Province | |
| <input type="checkbox"/> a member of the board of directors of any municipal entity | <input type="checkbox"/> a member of an accounting authority of any national or provincial public entity |
| <input type="checkbox"/> an official of any municipality or municipal entity | <input type="checkbox"/> an employee of Parliament or a provincial legislature |

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:

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

T2.2-20: Quality Plan

Due consideration must be given to the deliverables required to execute and complete the contract as per the Quality Management Standard stated in the Works Information and should include but not be limited to:

1. Project Quality Plan for the contract.
2. The Contractor's Quality Policy.
3. Index of procedures to be used during the contract.
4. Audit Schedule for internal and external audits during the contract.
5. ISO 9001 certification.
6. Typical Quality Manual.
7. Typical Quality Control Plan.
8. Typical data book index.

Attached submissions to this schedule:

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Signed

Date

Name

Position

Tenderer

T2.2-22: Health and Safety Plan

Submit the following documents as a minimum with your tender:

1. Valid letter of good standing with insurance body.
2. Roles and responsibilities of legal appointees.
3. Safety Officer's role and responsibility.
4. Safety, Health & Environmental Policies.
5. Overview of Tenderer's SHE system for project.
6. Overview of RA process and examples.
7. List of job categories for project and competencies required per category and plan to address and meet outstanding competencies.
8. Six months synopsis of SHE incidents, description, type and action taken.
9. Overview of selection process of subcontractors.
10. SHE challenges envisaged for the project and how they will be addressed and overcome.
11. Signed statement acknowledging receiving and budget provision for SHE pack requirements.
12. Complete and return with tender documentation the Contractor Safety Questionnaire (Attachment No 8) included in the Health and Safety Specification TCP-HAS-STD-0001 Rev 00 found in attached CD under Specifications folder.
13. Construction Safety File (Index)
14. Construction Safety Work Method Statement

Attached submissions to this schedule:

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Signed

Date

Name

Position

Tenderer

T2.2-25: Previous Experience

Note to tenderers:

Tenderers are required to demonstrate their experience in the delivery of similar works, and to this end shall supply a sufficiently detailed reference list with contact details of existing customers and also indicate their previous experience of, their design, installation and commissioning capability.

Employer, contact person and telephone number	Description of contract	Value of work Inclusive of VAT (Rand)	Date Completed

Signed

Date

Name

Position

Tenderer

T2.2-31: Supplier Code of Conduct

Transnet Limited 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:

- The 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)
- The Prevention and Combating of Corrupt Activities Act (PRECCA); and
- The Construction Industry Development Board Act (CIDB Act).

This code of conduct has been included in this contract to formally appraise 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.

1. Transnet Limited 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 ensure the desired outcome of a sourcing activity;
 - Win or retain business or to influence any act or decision of any person involved in sourcing decisions; or
 - Gain an improper advantage.

- There may be times when a supplier is confronted with fraudulent or corrupt behaviour of Transnet employees. We expect our Suppliers to use our "Tip-offs Anonymous" Hot line to report these acts. (0800 003 056).

2. *Transnet Limited is firmly committed to the ideas of 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 with non-value adding agents or representatives solely for the purpose of increasing BBBEE spend (fronting).

3. *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 is 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.

Conflicts 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 Limited.

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

Where possible, contracts will be negotiated to include the above in the terms of such contracts. To the extent such terms are not included in contractual obligations and any of the above code is breached, then Transnet reserves its right to review doing business with these suppliers.

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

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

Signed this on day _____ at _____

Signature



SUPPLIER DECLARATION FORM

Transnet Vendor Management has received a request to load / change your company details on to the Transnet vendor database. Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents as per Appendix V to the Transnet Official who is intending to procure your company's services / products, to enable us to process this request. Please only submit the documentation relevant to your request.

NB: Effective 1 April 2016 all organisations, institutions and individuals who wish to provide goods and/or services to Organs of the State must be registered on the National Treasury Central Supplier Database (CSD). This needs to be done via their portal at <https://secure.csd.gov.za/> **before applying to Transnet.**

General Terms and Conditions:

Failure to submit the relevant documentation will delay the vendor creation / change process.

Where applicable, the respective Transnet Operating Division processing your application may request further information from you.

The Service Provider warrants that the details of its bank account ("the nominated account") provided herein, are correct and acknowledges that payments due to the Supplier will be made into the nominated account. If details of the nominated account should change, the Service Provider must notify Transnet in writing of such change, failing which any payments made by Transnet into the nominated account will constitute a full discharge of the indebtedness of Transnet to the Supplier in respect of the payment so made. Transnet will incur no liability for any payments made to the incorrect account or any costs associated therewith. In such event, the Service Provider indemnifies and holds Transnet harmless in respect of any payments made to an incorrect bank account and will, on demand, pay Transnet any costs associated herewith.

Transnet expects its suppliers to timeously renew their Tax Clearance and B-BBEE certificates (where applicable, as EMEs and QSEs are only expected to supply an affidavit as per Appendix III and IV), as well as all affidavits, annually. Failure to do so may result in the supplier's account being temporarily suspended.

SUPPLIER DECLARATION FORM

NB: Effective 1 April 2016 all organisations, institutions and individuals who wish to provide goods and/or services to Organs of the State must be registered on the National Treasury Central Supplier Database (CSD). This needs to be done via their portal at <https://secure.csd.gov.za/> **before applying to Transnet.**

CSD Number (MAAA xxxxxxx):

Company Trading Name						
Company Registered Name						
Company Registration No. Or ID No If a Sole Proprietor						
Company Income Tax Number						
Form of Entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor
	Non-profit	Personal Liability Co	State Owned Co	National Govt	Provincial Govt	Local Govt
	Educational Institution	Specialised Profession	Financial Institution	Foreign International	Foreign Branch Office	

Did your company previously operate under another name?

Yes

No

If **YES** state the previous details below:

Trading Name						
Registered Name						
Company Registration No Or ID No If a Sole Proprietor						
Form of Entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor
	Non-profit	Personal Liability Co	State Owned Co	National Govt	Provincial Govt	Local Govt
	Educational Institution	Specialised Profession	Financial Institution	Foreign International	Foreign Branch Office	

Your Current Company's VAT Registration Status

VAT Registration Number

If **Exempted from VAT registration**, state reason and submit proof from SARS in confirming the exemption status

If your business entity is not VAT Registered, please submit a current original sworn affidavit (see example in Appendix I). Your Non VAT Registration must be confirmed annually.

Company Banking Details		Bank Name	
Universal Branch Code		Bank Account Number	
Company Physical Address			
		Code	
Company Postal Address			
		Code	
Company Telephone number			
Company Fax Number			
Company E-Mail Address			
Company Website Address			
Company Contact Person Name			
Designation			
Telephone			
Email			

Document Name: Supplier Declaration Form

Revision: Version 7.3

Date: 4 April 2016

Page 2 of 5



Is your company a Labour Broker?		Yes	No
Main Product / Service Supplied e.g. Stationery / Consulting / Labour etc.			
How many personnel does the business employ?	Full Time	Part Time	
Please Note: Should your business employ more than 2 full time employees who are not connected persons as defined in the Income Tax Act, please submit a sworn affidavit, as per Appendix II.			
Most recent Financial Year's Annual Turnover	<R10Million	>R10Million <R50Million	>R50Million
Does your company have a valid BBBEE certificate?		Yes	No
What is your broad based BEE status (Level 1 to 9)			
Majority Race of Ownership			
% Black Ownership	% Black Women ownership	% Black Disabled person(s) ownership	% Black Youth ownership
Please Note: Please provide proof of BBBEE status as per Appendix V. If you qualify as an EME or QSE then provide an affidavit following the examples provided in Appendix III and IV respectively. If you have indicated Black Disabled person(s) ownership, then provide a certified letter signed by a physician, on the physician's letterhead, confirming the disability.			
By signing below, I hereby verify that I am duly authorised to sign for and on behalf of firm / organisation and that all information contained herein and attached herewith are true and correct			
Name		Designation	
Signature		Date	
Stamp And Signature Of Commissioner Of Oaths			
Name		Date	
Signature		Telephone No	


Internal Transnet Departmental Questionnaire (For Office Use Only)

Company Trading Name	
Company Registered Name	

Operating Division

TFR	TFR RME	TE	TPT	TPL	TNPA	TRN PROP	TRN TCC	TRN FOUN	TRN TCP
Create		Amend			Block		Unblock		
Extend		Delete			Undelete		Once-Off / Emergency		

Please indicate whether the Supplier has a contract with sourcing Transnet OD	Yes	No
If yes, please submit a copy of the adjudication document / signed-off comparative schedule		

Transnet B-BBEE Department Contact Person		Signature	
Contact number		Email	

THE FOLLOWING IS TO BE COMPLETED BY THE TRANSNET REQUESTING/SOURCING DEPARTMENT. THE FULL SET OF VENDOR RELATED DOCUMENTS MUST THEN BE FORWARDED TO THE APPROPRIATE VENDOR APPROVAL OFFICIAL FOR APPROVAL

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 Products and Services	Yes	No
v. Mix of Services and Labour	Yes	No

If your answer is **YES** to any of the questions ii to v above and the applicant supplier has not submitted a sworn affidavit as per Appendix II, the matter should be further investigated in terms of the Tax Withholding Procedures. Where necessary you may approach your Operating Division's Procurement Department for guidance in this regard. Details of the appropriate Transnet decision-making body such as a Cross Functional Sourcing Team, should be indicated below. **A copy of the signed-off document by the mentioned decision-making body should also be attached.**

Type	Deduct Tax		If Tax should be deducted (Indicate % to be deducted)	Department Responsible for Payment (PROCUREMENT OR *PAYROLL) <small>* IF PAYROLL SHOULD EFFECT PAYMENT, THE DOCUMENTS SHOULD BE FORWARDED TO THEIR OFFICE</small>
Service Provider	Yes	No		
Labour broker without IRP30 exemption certificate	Yes	No		
Labour broker with IRP30 exemption certificate	Yes	No		
Personal Service Provider	Yes	No		
Independent Contractor	Yes	No		
None of the above apply, state reason				
If PAYE is to be deducted, please indicate whether the applicant supplier has indicated in writing that it is prepared to comply with Transnet's PAYE conditions. (Please attached a copy of the written communication)				
If the reply is "NO", the vendor application will be regarded as cancelled and another service provider should be sourced.				

Document Name: Supplier Declaration Form

Revision: Version 7.3

Date: 4 April 2016

CERTIFICATION AND APPROVAL OF PROPOSED VENDOR CREATION/VENDOR DETAILS UPDATE BY TRANSNET OFFICIAL WITH APPROPRIATE DELEGATED AUTHORITY.

I hereby certify that the Transnet Procurement Procedure Manual (PPM) / Procurement Mechanisms have in ALL RESPECTS been adhered to and therefore approve the proposed vendor creation/vendor details update.

Vendor Approval Official's Details													
Name					Designation								
Tel No					Fax No								
e-Mail													
Signature					Date	Y	Y	Y	Y	M	M	D	D

T2.2-24: Capacity and Ability to meet Delivery Schedule

Note to tenderers:

The Tenderer is required to demonstrate to the *Employer* that he has sufficient current and future capacity to carry out the work as detailed in the Works Information and that he has the capacity and plans in place to meet the required delivery schedule as required. To this end, the following must be provided by the Tenderer:

A schedule detailing the following:

- Maximum quantity of work concurrently performed by the Tenderer in the recent past in order to illustrate his potential capacity to design, fabricate and/or construct work of a similar nature
- Current and future work on his order book, showing quantity and type of equipment
- Quantity of work for which the Tenderer has tenders in the market or is currently tendering on
- The work as covered in this Works Information, planned and scheduled as per the Tenderer's capacities and methods but meeting the required delivery schedule.

Index of documentation attached to this schedule:

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Signed

Date

Name

Position

Tenderer

T2.2-43: REQUEST FOR PROPOSAL – BREACH OF LAW

NAME OF COMPANY: _____

I / We _____ do hereby certify that ***I/we have/have not been*** found guilty during the preceding 5 (five) years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

Where found guilty of such a serious breach, please disclose:

NATURE OF BREACH:

DATE OF BREACH: _____

Furthermore, I/we acknowledge that Transnet SOC Ltd reserves the right to exclude any Respondent from the bidding process, should that person or company have been found guilty of a serious breach of law, tribunal or regulatory obligation.

SIGNED at _____ on this _____ day of _____ 20____

SIGNATURE OF WITNESS

SIGNATURE OF RESPONDENT

T2.2-36: TENDER DECLARATION FORM

NAME OF COMPANY: _____

We _____ do hereby certify that:

1. Transnet has supplied and we have received appropriate tender offers to any/all questions (as applicable) which were submitted by ourselves for tender clarification purposes;
2. we have received all information we deemed necessary for the completion of this Tender;
3. at no stage have we received additional information relating to the subject matter of this tender from Transnet sources, other than information formally received from the designated Transnet contact(s) as nominated in the tender documents;
4. we are satisfied, insofar as our company is concerned, that the processes and procedures adopted by Transnet in issuing this TENDER and the requirements requested from tenderers in responding to this TENDER 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]

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.

6. We accept that any dispute pertaining to this tender 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 Tenderers" overleaf).
7. 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:	

T2.2-50: B-BBEE PREFERENCE POINTS CLAIM FORM (SBD 6.1)

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

1. INTRODUCTION

- 1.1 A total of 20 preference points shall be awarded for B-BBEE Status Level of Contribution.
- 1.2 Failure on the part of a Tenderer 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 Tender 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 Tenderer, either before a Tender 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 "**Tender**" 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 Tender 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 Tender 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 Tenderer;
- 2.12 **"non-firm prices"** means all prices other than "firm" prices;
- 2.13 **"person"** includes reference to a juristic person;
- 2.14 **"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
- 2.15 **"rand value"** means the total estimated value of a contract in South African currency, calculated at the time of Tender 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 Tenderer 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 Tenderer.
- 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 Tender will be awarded to the Tenderer 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 Tenders have scored equal points including equal preference points for B-BBEE, the successful Tender will be the one scoring the highest score for functionality.
- 3.6 Should two or more Tenders 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 Tenderer for attaining the B-BBEE status level of contribution in accordance with the table below: *[delete either column "Maximum 10" or "Maximum 20"]*

B-BBEE Status Level of Contributor	Number of Points [Maximum 10]	Number of Points [Maximum 20]
1	10	20
2	9	18
3	8	16
4	5	12
5	4	8
6	3	6
7	2	4
8	1	2
Non-compliant contributor	0	0

- 4.2 Tenderers 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 Tenderers 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, Tenderers 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 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 transitional period ending 30 April 2015. During the transitional period, companies may elect to be measured in terms of the Revised Codes or the 2007 version of the Codes. Companies which are governed by Sector-specific Codes will be measured in terms of those Sector Codes.
- 4.6 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 1 May 2015. Thereafter, Transnet will only accept B-BBEE certificates issued based on the Revised Codes.
- 4.7 In terms of the Revised Codes of Good Practice, Tenderers who qualify as QSEs must comply with all the elements of B-BBEE for the purposes of measurement. QSEs that are at least 51% or 100% Black owned 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.
- 4.8 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.
- 4.9 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 Tender.
- 4.10 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.
- 4.11 A person will not be awarded points for B-BBEE status level if it is indicated in the Tender documents that such a Tenderer 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 Tenderer qualifies for, unless the intended subcontractor is an EME that has the capability and ability to execute the subcontract.
- 4.12 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.
- 4.13 Tenderers 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 Tenderers in order to verify any B-BBEE recognition claimed.

5. B-BBEE STATUS AND SUBCONTRACTING

5.1 Tenderers 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 / 20 points]

Note: Points claimed in respect of this paragraph 5.1 must be in accordance with the table reflected in paragraph 4.1 above and must be substantiated by means of a B-BBEE certificate issued by a Verification Agency accredited by SANAS or a Registered Auditor approved by IRBA or a 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 [TICK APPLICABLE BOX]
 - ☐Partnership/Joint Venture/Consortium
 - ☐One person business/sole propriety
 - ☐Close Corporations
 - ☐Company (Pty) Ltd
- (v) Describe Principal Business Activities

.....

.....
- (vi) Company Classification [TICK APPLICABLE BOX]
 - ☐Manufacturer
 - ☐Supplier
 - ☐Professional Service Provider
 - ☐Other Service Providers e.g. Transporter, etc.
- (vii) Total number of years the company/firm has been in business.....

TENDER 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 Tendering 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 Tenderer 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 TENDERER

DATE:.....

COMPANY NAME:

ADDRESS:.....

T2.2-51: Certificate of Acquaintance with Tender Documents

NAME OF TENDERING ENTITY:

1. I/we do hereby certify that I/we acquainted myself/ourselves with all the documentation comprising this TENDER and all conditions contained therein, as laid down by Transnet SOC Ltd for the carrying out of the proposed supply/service/works for which I/we submitted my/our Tender.
2. I/we furthermore agree that Transnet SOC Ltd shall recognise no claim from me/us for relief based on an allegation that I/we overlooked any TENDER/contract condition or failed to take it into account for the purpose of calculating my/our offered prices or otherwise.
3. I/we understand that the accompanying Tender will be disqualified if this Certificate is found not to be true and complete in every respect.
4. For the purposes of this Certificate and the accompanying Tender, I/we understand that the word "competitor" shall include any individual or organisation, other than the Tenderder, whether or not affiliated with the Tenderder, who:
 - a) has been requested to submit a Tender in response to this Tender invitation;
 - b) could potentially submit a Tender in response to this Tender invitation, based on their qualifications, abilities or experience; and
 - c) provides the same Services as the Tenderder and/or is in the same line of business as the Tenderder
5. The Tenderder has arrived at the accompanying Tender independently from, and without consultation, communication, agreement or arrangement with any competitor. However communication between partners in a joint venture or consortium will not be construed as collusive Tendering.
6. In particular, without limiting the generality of paragraph 5 above, there has been no consultation, communication, agreement or arrangement with any competitor regarding:
 - a) prices;
 - b) geographical area where Services will be rendered [market allocation]
 - c) methods, factors or formulas used to calculate prices;
 - d) the intention or decision to submit or not to submit, a Tender;
 - e) the submission of a Tender which does not meet the specifications and conditions of the TENDER; or
 - f) Tendering with the intention not winning the Tender.

7. In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications and conditions or delivery particulars of the Services to which this TENDER relates.
8. The terms of the accompanying Tender have not been, and will not be, disclosed by the Tenderder, directly or indirectly, to any competitor, prior to the date and time of the official Tender opening or of the awarding of the contract.
9. I/We am/are aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to Tenders and contracts, Tenders that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and/or may be reported to the National Prosecuting Authority [NPA] for criminal investigation. In addition, Tenderders that submit suspicious Tenders may be restricted from conducting business with the public sector for a period not exceeding 10 [ten] years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

SIGNED at _____ on this _____ day of _____ 20____

SIGNATURE OF WITNESS

C1.1 Form of Offer & Acceptance

Offer

The Employer, identified in the Acceptance signature block, has solicited offers to enter into a contract for Maintenance work to assets 02WK001B, 02XK007B and 02XK009B in Kroonstad within a period of 3 months.

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, deemed to be duly authorised, 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 offered total of the Prices exclusive 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:**

(Insert name and address of organisation)

Name &
signature of
witness

Date

Tenderer's CIDB registration number:

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 |

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 listed in the Returnable 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 Form of Offer and Acceptance. 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 securities, bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the *conditions of contract* identified in the Contract Data at, or just after, the date this agreement comes into effect. 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

(Insert name and address of organisation)

Name &
signature of
witness

Date

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.

No.	Subject	Details
1		
2		
3		
4		
5		
6		
7		

By the duly authorised representatives signing this Schedule of Deviations below, the Employer and the tenderer agree to and accept this 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 Form shall have any meaning or effect in the contract between the parties arising from this Agreement.

For the tenderer:

For the Employer

Signature _____

Name _____

Capacity _____

On behalf of _____
(Insert name and address of organisation)

Transnet SOC Ltd

Name & signature of witness _____

Date _____

C1.2 Contract Data

Part one - Data provided by the *Employer*

Please read the relevant clauses in the conditions of contract before you enter data. The number of the principal clause is shown for each statement however other clauses may also use the same data.

Rows containing the statement and data for options in the core clauses and for the main & secondary option clauses, according to the options chosen, are identified by shading in the left-hand column.

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

Clause	Statement	Data
1	General	
	The <i>conditions of contract</i> are the core clauses and the clauses for main Option	
	dispute resolution Option	A: Priced contract with activity schedule
	and secondary Options	W1: Dispute resolution procedure
		X7: Delay damages
		X16: Retention
		Z: Additional conditions of contract
	of the NEC3 Engineering and Construction Contract June 2005 (with amendments June 2006) ¹	

¹ Available from Engineering Contract Strategies Tel 011 803 3008, Fax 011 803 3009

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

10.1	The <i>Employer</i> is:	Transnet SOC Ltd (Registration No. 1990/00090/06)
	Address	Registered address: Carlton Centre 150 Commissioner Street Johannesburg 2001
	Having elected its Contractual Address for the purposes of this contract as:	Transnet Freight Rail Supply Chain Services Kimberley
	Tel No.	(053) 838 3477
	Fax No.	(011) 774 9787
10.1	The <i>Project Manager</i> is: (Name)	Norman Papenfus
	Address	REM Bloemfontein
	Tel	051 408 3224
	Fax	
	e-mail	Norman.Papenfus@transnet.net
10.1	The <i>Supervisor</i> is: (Name)	Dirk Biggs
	Address	REM Bloemfontein
	Tel No.	056 268 2074
	Fax No.	
	e-mail	Dirk.Biggs@transnet.net
11.2(13)	The <i>works</i> are	Maintenance work to assets 02WK001B, 02XK007B and 02XK009B in Kroonstad within a period of 3 months
11.2(15)	The <i>boundaries of the site</i> are	Kroonstad
11.2(19)	The Works Information is in	Part C3
12.2	The <i>law of the contract</i> is the law of	the Republic of South Africa subject to the jurisdiction of the Courts of South Africa.
13.1	The <i>language of this contract</i> is	English
13.3	The <i>period for reply</i> is	2 weeks
3	Time	
11.2(3)	The <i>completion date</i> for the whole of the works is	To be advised
31.2	The <i>starting date</i> is.	To be advised

4 Testing and Defects

42.2 The *defects date* is **52 (fifty two) weeks after Completion of the whole of the works.**

5 Payment

50.1 The *assessment interval* is monthly on the **10th (tenth) day of each successive month.**

51.1 The *currency of this contract* is the **South African Rand.**

51.2 The period within which payments are made is **Payment will be effected on or before the last day of the month following the month during which a valid Tax Invoice and Statement were received.**

51.4 The *interest rate* is **The prime lending rate of the Standard Bank of South Africa.**

7 Title **No additional data is required for this section of the *conditions of contract*.**

8 Risks and insurance

80.1 These are additional *Employer's risks* **1. None**

84.2 The minimum limit of indemnity for insurance in respect of 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 for any one event is **Whatever the *Contractor* requires in addition to the amount of insurance taken out by the *Employer* for the same risk.**

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

Whatever the *Contractor* deems desirable in addition to which is prescribed by the Compensation for Occupational Injuries and Diseases Act No. 130 of 1993 as amended.

84.2 The insurance against loss of or damage to the *works*, Plant and Materials as stated in the insurance policy for contract works and public liability selected from:
Blanket Principal Controlled Insurance (BPCI),
Principal Controlled Insurance (PCI),
Principal Controlled Contractors Liability Insurance,
Principal Controlled Insurance One-off; and
Project Specific Insurance

R

Select one	
BPCI	
PCI	X
PCI Liab only	
PCI One Off	
PSI	

84.1 The *Employer* provides these insurances from the Insurance Table

	1	Insurance against:	Loss of or damage to the <i>works</i> , Plant and Materials is as stated in the selected Insurance policy for Contract Works/ Public Liability.
		Cover / indemnity:	to the extent as stated in the selected insurance policy for Contract Works / Public Liability
		The deductibles are:	as stated in the selected insurance policy for Contract Works / Public Liability (Principal Controlled Insurance)
	2	Insurance against:	Loss of or damage to property (except the <i>works</i> , plant, materials & equipment) and liability for bodily injury to or death of a person (not an employee of the <i>Contractor</i>) arising out of or in connection with the performance of the Contract as stated in the selected insurance policy for Contract Works / Public Liability
		Cover / indemnity	Is to the extent as stated in the selected insurance policy for Contract Works / Public Liability
		The deductibles are	as stated in the selected insurance policy for Contract Works / Public Liability
84.1	3	Insurance against:	Loss of or damage to Equipment (Temporary Works only) as stated in the selected insurance policy for contract Works and Public Liability
		Cover / indemnity	Is to the extent as stated in the selected insurance policy for Contract Works / Public Liability
		Cover / indemnity:	Cover / indemnity is to the extent provided by the SASRIA coupon
		The deductibles are:	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
84.1	The <i>Contractor</i> provides these additional insurances.		
	1	Where the contract requires that the design of any part of the <i>works</i> shall be provided by the <i>Contractor</i> he shall satisfy the Employer that professional indemnity insurance cover in connection therewith has been affected	

- 2 Where the contract involves manufacture, and/or fabrication of Plant & 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 & materials, components or other goods for incorporation in the *works* are adequately insured during manufacture and/or fabrication and transportation to the site.
- 3 Should the *Employer* have an insurable interest in such items during manufacture of fabrication, such interest shall not be noted by endorsement to the *Contractor's* policies of insurance as well as those of any subcontractor
- 4 Motor Vehicle Liability Insurance comprising (as a minimum) "Balance of Third Party" Risks including Passenger and Unauthorised Passenger Liability indemnity with a minimum indemnity limit of
- 5 Marine Craft Hull insurance in respect of all marine craft or vessels utilised in performance of the Works for a sum sufficient to provide for their replacement
- 6 Protection and Indemnity Insurance in respect of all marine craft or vessels utilised in performance of the Works extended for Specialist Operations with a minimum indemnity limit of R (to be determined by risk assessment of the potential risk exposure)
- 7 The insurance coverage referred to in 1, 2, 3, 4, 5 and 6 above shall be obtained from an insurer(s) 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 the 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*

9 Termination

There is no Contract Data required for this section of the *conditions of contract*.

10 Data for main Option clause

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A	Priced contract with activity schedule	No additional data is required for this Option	
11	Data for Option W1		
W1.1	The <i>Adjudicator</i> is	Both parties will agree as and when a dispute arises. If the parties cannot reach an agreement on the <i>Adjudicator</i> , the chairman of the Association of Arbitrators will appoint an <i>Adjudicator</i> .	
W1.2(3)	The <i>Adjudicator nominating body</i> is: If no <i>Adjudicator nominating body</i> is entered, it is:	The Chairman of the Association of Arbitrators (Southern Africa) the Association of Arbitrators (Southern Africa)	
W1.4(2)	The <i>tribunal</i> is:	Arbitration	
W1.4(5)	The <i>arbitration procedure</i> is The place where arbitration is to be held is The person or organisation who will choose an arbitrator - if the Parties cannot agree a choice or - if the arbitration procedure does not state who selects an arbitrator, is	The Rules for the Conduct of Arbitrations of the Association of Arbitrators (Southern Africa) Bloemfontein The Chairman of the Association of Arbitrators (Southern Africa)	
X7	Delay damages (but not if Option X5 is also used)		
X7.1	Delay damages for Completion of the whole of the <i>works</i> are	R 500.00	per day
X16	Retention (not used with Option F)		
X16.1	The <i>retention free amount</i> is	N/A	
	The <i>retention percentage</i> is	10%	

C1.2 Contract Data

Part two - Data provided by the Contractor

The tendering contractor is advised to read both the NEC3 Engineering and Construction Contract - June 2005 (with amendments June 2006) and the relevant parts of its Guidance Notes (ECC3-GN)² in order to understand the implications of this Data which the tenderer is required to complete. An example of the completed Data is provided on pages 152 to 154 of the ECC3 Guidance Notes.

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

Clause	Statement	Data
10.1	The Contractor is (Name): Address Tel No. Fax No.	
11.2(8)	The direct fee percentage is _____% The subcontracted fee percentage is _____%	
11.2(18)	The working areas are the Site	
24.1	The Contractor's key persons are:	
	1 Name: _____ Job: _____ Responsibilities: _____ Qualifications: _____ Experience: _____	
	2 Name: _____ Job: _____ Responsibilities: _____ Qualifications: _____ Experience: _____	
		CV's (and further key persons data including CVs) are in T2.2-7
11.2(3)	The completion date for the whole of the works is	To be advised
11.2(14)	The following matters will be included in the Risk Register	T2.2-3

² Available from Engineering Contract Strategies Tel 011 803 3008, Fax 011 803 3009

112(19)	The Works Information for the Contractor's design is in:	C3
811	The programme identified in the Contract Data is	To be supplied within 7 (seven) days
A	Priced contract with activity schedule	
112(20)	The activity schedule is in	C3
112(30)	The tendered total of the Prices is	(in words), excluding VAT
Data for Schedules of Cost Components		<i>Note "SCC" means Schedule of Cost Components starting on page 56 of ECC3, and "SSCC" means Shorter Schedule of Cost Components starting on page 59 of ECC3.</i>
A	Priced contract with activity schedule	Data for the Shorter Schedule of Cost Components



C2 Pricing Data

C2.1 Pricing Instructions

Entries in the first four columns in the Price List are made either by the *Employer* or the tenderer.

If the *Contractor* is to be paid an amount for the item which is not adjusted if the quantity of work in the item changes, the tenderer enters the amount in the Price column only; the Unit, Quantity and Rate columns being left blank.

If the *Contractor* is to be paid an amount for the item of work which is the rate for the work multiplied by the quantity completed, the tenderer enters the rate which is then multiplied by the expected quantity to produce the Price, which is also entered.

All Prices are to be shown excluding VAT unless instructed otherwise by the *Employer* in Tender Data or in an instruction the *Employer* has given before the tenderer enters his Prices.

If there is insufficient space in the Price List which follows, state in which document the Price List is contained.

C2.1: Pricing Instructions

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. Any additional costs foreseen by the Tenderer for items not included in the Price List shall be included in the List to be submitted, under the item "P's & G's". These items must be specified.
3. It will be assumed that prices included in the Price List are based on Acts, Ordinances, Regulations, Bylaws, International Standards and National Standards that were published 28 days before the closing date for tenders.
4. Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted but will be subject to approval by the Employer.
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 provided for in the contract.

6. The following abbreviations are used in the Price List: Ea = Each
7. The prices and rates in this Price List are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the scope of work and shall cover liabilities and obligations set forth or implied in the Contract data, as well as profit.
8. Where the Works Information 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.
9. Where no quantity has been provided against an item in the Price List, the Contractor shall use their discretion and provide the quantity.
10. The short descriptions of the items of payment given in this Price List are only for purposes of identifying the items. More details regarding the extent of the work entailed under each item appear in the Works information.
11. For each item in the Price List, including Preliminaries, the Contractor shall provide in the appropriate column the portion of the tendered sum (inclusive of labour and material).
12. The total in the Price List shall be exclusive of VAT, and shall be transferred to Contractor's Offer.
13. Additional work not covered in the Price List shall be listed and quoted for by the tenderers in a separate sheet.
14. Payment Certificates – On or after the assessment date, the Supervisor and the Contractor will together assess the quantities of the progress on each item in the Price List and complete the Progress Assessment Detail Form, where after the Progress Assessment Certificate will be issued.
15. The Contractor shall then submit a VAT invoice and attach the Progress Certificate mentioned in clause 14 of this section for payment by the Employer.
16. Contractor shall provide the Employer with the necessary details and documentation as required in order to enable the Employer to make electronic payments.

C2.2 Price List

ASSET NO: 02XK009B

SUB TOTAL

PAGE 1

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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CEILINGS

1	Room 1 (Area Manager secretary office) Room 2 (Area manager office) Replace 1 broken, cracked or defective panels with new panel to match existing panels in texture and colour.	6	M ²		
2	Room 1 (Area Manager secretary office) Room 2 (Area Manager office) Pull up suspended ceiling that hang. Remove as necessary panels with care, pull up and or as necessary replace fit additional wires to level suspended ceiling and refit panels. Wash panels to clean.	63	M ²		
3	Room 1 (Area Manager secretary office) Room 2 (Area manager office) Wash suspended ceiling with detergent that will not damage the panels finish to remove all dirt and rinse with clean water	63	M ²		
4	Room 5 (Board room) Install Pelican Donn system suspending ceiling or similar product form other manufacturer complete with 1200mm x 600mm laminated white vinyl covered ceiling tiles square edge to existing concrete ceiling. After installation the ceiling shall be level and all grid strips shall be straight. Use Donn Products ceiling grid & accessories or Mac steel interior systems grids and accessories. Use the LSM 25 cornice wall moulding from Donn and T37 main tee with T32 cross tee and or similar system from Mac steel Interior systems. Use 2.5mm pre stress galvanized wire, 4mm rod suspension system or 19mm wide galvanized sheet metal strap as hangers. The installation shall be done according to the specification of the relevant manufacture. After installation the ceiling shall be level and all grid strips shall be straight. No damaged strips or boards shall be approved. Ceiling hangers shall be attached to concrete. All work shall be done in accordance with the SABISA's general specification for suspended ceilings. Floor to ceiling height do not exceed 2.50m. Distance between existing concrete ceilings to new suspended ceiling 180mm. No work in confined spaces.	46	M ²		
5	Room 5 (Board room) Cut hole neatly in suspended ceiling board to fit neatly around overhead projector bracket.	1	M ²		

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TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02XK009B

SUB TOTAL

PAGE 2

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
-----------	-------------------	------------	--------------	-----------	-------------

6	Room 5. Remove existing light fittings from suspended ceiling. Remove light fittings with care after Transnet electrician had disconnected the wires. Remove suspended ceiling boards with care to re-fit light fittings at new positions as shown on site. Place light fittings in suspended ceiling at new position and fit Suspended ceiling boards removed at new position of light fittings to where light fittings was removed. Transnet electrician will recouple wiring to light fittings	6	EA		
7	Room 3. Prepare concrete ceiling surface for painting. Wash rhino, nutec or concrete ceilings with sugar soap. fill all cracks and holes, sand existing ceiling paint to provide bonding for new paint. rinse ceiling with clean water to remove sugar soap and sanding dust.	7	M ²		
8	Room 3. Remove loose paint from ceiling, clean area and treat area with bonding liquid	1	M ²		
9	Room 3. Paint ceiling concrete ceiling 2 coats super acrylic PVA. Apply paint only after preparation as per attached specification was done.	7	M ²		

WALLS INTERIOR

10	Room 4 and room 5. Repair crack in wall 4 to 6 mm wide, open up crack with sharp object, fill crack with poly cell or similar filler and sand smooth (hairline cracks and cracks up to 4mm is included in the preparations for paint of wall item)	3	M		
11	Room 4 and room 5. Supply cement fibre (Nutex ceiling board or similar product from other manufacturer to cover cracks, chamfer Edges, use acrylic sealer as adhesive to fix board to wall, use steel nails as necessary to keep in position until sealer used as adhesive is dry. Room 4 = 1/400mm x 75mm. 1/910mm x 300mm. 1/2350mm x 800mm. 1/2350mm x 350mm. 1 440mm x 400mm. Room 5 = 1/380mm x 870mm. 1/410mm x 425mm	5	M ²		
12	Room 3. Cut off old electrical conduit pipe, remove from wall and repair hole on wall.in attached specifications.	1	JOB		

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TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02XK009B

SUB TOTAL

PAGE 3

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
13	Room 3 and room 5. Prepare walls for painting, wash smooth plaster walls with sugar soap, open cracks up to 4mm with sharp object, fill cracks and all holes, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove all sanding dust	101	M ²		
14	Room 3 and room 5. Remove loose paint and treat area with Plascon or Dulux (or similar) bonding liquid for oil based paints. (see attached specification)	2	M ²		
15	Room 3 and room 5. Paint new plaster walls and or nu tec cement fibre board , 1 coat plaster primer (test wall for moisture before painting new plaster, cover section with plastic sheet to test). Allow paint to dry overnight. primer must be over coated within 14 days. (see attached specification)	5	M ²		
16	Room 3 and room 5. Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint or similar product form other manufacturer. Apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	101	M ²		
17	Room 3. Chip 80% of wall area to be tiled and apply key coat to wall before laying ceramic tiles. key coat shall be apply according the manufacturer specification on container	2	M ²		
18	Room 3. Lay 1st grade 200 x 200mm white ceramic glazed wall tiles. Use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. Use white grout. use only Tylon wb11 adhesive or similar product form other manufacturer	2	M ²		
19	Room 3. Fit white round plastic tile edge strip for ceramic wall tiles, all corners shall be neat mitre joints, no section shall be shorter than 450mm in a long straight section	2	M		
20	Room 3. Fit white plastic cove edge strip to ceramic tiles to finish joints between tiles and sink / bath. all corners shall have neatly mitred joints (no piece shall be shorter than 450mm in a long straight section)	4	M		
21	Room 5. Repair plaster patch, item includes neat cutting of perimeter, remove damaged section of plaster and re plaster area to match existing plaster finish	1	M ²		

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TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02XK009B

SUB TOTAL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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22	Room 4. Replace damaged wall. paper from drywall partition size 3.00m 2.860m	1	JOB		
23	Room 1 and room 2. Remove space type wall partition complete boards and frame work with care for re-use as to not damaging the vinyl wall paper finish, height 2.410m. Item include doors and door frames. But exclude aluminium sliding door between office 1 and 2	8	M		
24	Room 1 and room 2. Re Install space wall type partition that was remove complete 2.41m height at new position in about centre of room to divide room in to two offices as shown on site, New partition position is from outside wall to new position off aluminium sliding door.	4	M		
25	Room 1, room 2 and room 4. Wash space type wall partitions panels' wall paper. Wash complete with liquid detergent to remove all dirt, rinse with clean water and dry with soft clean cloths.	118	M		
26	Room 4. (Passage) Remove to replace wall paper and re fit space wall partition joint strip 3.0m long and corner strip 3.0m long. Corner strip is glued to wall paper.	3	JOB		
27	Room 1 and room 2. Remove and refit items fixed against wall at same position after wall has been painted or tiled. Item include notice boards, key cupboards, fan shelves and mirrors that are fixed with screws to wall.	11	EA		

WINDOWS INTERIOR

28	Room 3. Paint window sill: item includes, wash, sand, and rinse with clean water and paint of previously painted window sill with 2 coats grey floor paint.	3	M ²		
29	Room 1 and room 2. Replace vertical blinds Complete with new rail with approved type blinds. Size 1700mm wide x 1700mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	4	EA		
30	Room 1. Replace vertical blinds complete with new rail with approved type blinds. Size 1800mm wide x 1800mm drop. Colour plain fawn. Measured for face fit. Aluminium.	1	EA		

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TRANSNET FREIGHT RAIL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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31 Room 3. Replace vertical blinds complete with new rail with approved type blinds. Size 990mm wide x 640mm drop. Colour plain fawn. Measured for recess fit.

2

EA

WINDOWS INT/AND EXT

32 Room 5. Replace cracked or broken window panes clear, size 180mm x 650mm x 3mm. clean frame apply 1 coat anti rust paint. See attached detail specification. place sheet on floor or garden to catch all broken pieces of glass

1

EA

33 Room 3. Paint residential large pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux pearl glo White or similar paint from other manufacturer. Item includes removing all old paint from glass area and cleaning of glass. See detailed specifications.

2

M²

34 Paint window frame with surround, item is for standard type windows fit between offices and passage. Item include sanding, cleaning, paint 1 coat Dulux, plascon universal undercoat and finish coat of white Dulux, Plascon gloss enamel paint or similar paints from other manufacturer.

1

M²

35 Room 5. (Board room) Replace steel window frame with purpose made to size aluminium sash sliding window frame. Window opening size 970mm wide x 1560mm high. Fit type to match existing aluminium window frame is type and appearance.

1

EA

DOORS/SECURITY GATES

36 Room 2. Remove aluminium sliding door 2.480m long x 2.10m high with care for e-use and install complete at new position to match existing installation

1

JOB

37 Room 2. Fit film to two panel's glass of aluminium sliding door to make glass one way see through glass. Size of door glass 2.4 x 2.10m high.

1

JOB

FLOORS

38 Room 3. Remove vinyl floor tiles and clean floor from all adhesive.

7

M²

84

TRANSNET FREIGHT RAIL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
39	Rooms 1 and 2. Remove Beber point type floor carpets complete and clean floor ready for installing new carpets.	109	M ²		
40	Rooms 1 and 2. Lay floor carpets Berber point 920 or van Dyck Florpoint 980 or similar product from other manufacturer as per Specifications. Charcoal colour	63	M ²		
41	Room 3. Fit aluminium carpet strip and fix with strip with 4 counter sunk self-tapping screws and plastic plugs to floor	1	M		
42	Room 3 and room 5. Chip 80 % of concrete floor area. Supply and apply Tylon or tal key coat to floor for ceramic tiles or similar product from other manufacturer. Apply according to manufacturer specifications on container on how to mix and apply the key coat)	53	M ²		
43	Room 3. Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use adhesive for ceramic tiles adhesive as approved by tiles manufacturer manager. Type tile shall be as per sample tile shown at site meeting.	7	M ²		
44	Room 5. Lay 1st grade full body Johnson Tecnica 3333N 300x300 porcelain floor tiles or similar tile from other manufacturer(use 10x6mm notched trowel) joints 5mm wide use only porcelain tile adhesive for porcelain tiles.	46	M ²		
45	Room 3. Remove wooden skirting and quarter rounds, completely	10	M		
46	Room 3. Lay ceramic tile skirting 100mm wide with plastic tile edge strip on top edge of tiles, Skirting tiles cut to 100mm wide. Skirting tiles to match ceramic floor tiles. Item include the chip of 80% of wall area for the tile skirting and to apply key coat to chipped wall area 100mm wide	9	M		
47	Room 4. Fit aluminium skirting for space wall partition 75mm wide. 2	2	M		

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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CUPBOARDS / TABLE

- 48 Room 3. Supply and install 900mm long x 600mm high x 380mm wide cabinet manufactured from melamine super wood complete with one shelf, fit above sink
- 49 Room 3. Fit 900mm long sink cabinet manufactured from melamine super wood complete for overlay sink. Cupboard to be manufacture with 2 doors, shelf, and standard 2 screw handles and hinges. Item does not include sink
- 50 Room3. Fit 1.60m long x 600mm wide Formica post form top one side bull nose. Fit between sink cupboard and brick wall with cleats on all three sides. Cleats shall be smooth planed and sanded 25mm wide x 75mm Sa Pine cleats. Cleats fitted to wall with 6mm diameter hammer screws. Cut as necessary where top joint sink cabinet that is narrower as post form top, cut at angle and finish with Formica edging.
- 51 Room 5. Fit 2.50m long x 250mm wide Formica post form top one side bull nose. To wall above safe. Fit to wall with four each purpose made brackets. Brackets made from 30mm x 5mm flat bar, bend 90 degree, with and 240mm carry section for shelf and 250mm wall section with 30mm stay section. Bracket to be cleaned, smooth and neatly finish. Spray paint brackets with primer and gloss duco or 2k finish coat or powder brackets Fit bracket to wall with 2 x 8mm rawl bolts per bracket and 2 x chip board screws per bracket to post form top.

1

M²

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1

EA

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1

M

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1

JOB

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CUPBOARDS / TABLE

- 52 Room 3. Fit sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe or similar product from other manufacturer.
- 53 Room 3. Fit sink rubber trap for single sink
- 54 Room 3. Install stainless steel sink single bowl 900mm long by 500mm wide complete with chrome plated brass outlet with plug to wood sink cabinet. Item exclude cabinet,

2

EA

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1

EA

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EA

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86

TRANSNET FREIGHT RAIL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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55	Room 3. Drill 15 to 25 mm dia holes through wall up to 500 mm thick for water pipe and make good	2	EA		
56	Room 3. Drill 40mm to 60mm holes through wall up to 500 mm thick for PVC waste pipe and make good	1	EA		
57	Room 3. Lay 15mm dimeter pex-aluminium multi-layer water pipe or similar pipe from other Manufacturer that is SABS approved. Pipes against wall fix with holder bats spaced not more than 1.0m Apart. Item exclude fittings item to supply water point cover the fittings.	20	M		
58	Room 3. Fit a water point for multi-layer pipe. Item include as necessary 15mm and or 22mm fittings. This is to supply all materials and labour to bring the necessary water to sink but exclude the pipe work.	2	EA		
59	Room 3. Install PVC waste pipe, item include all necessary fittings from basin to gulley/sewer as shown at site briefing meeting, all bends and junctions shall be of access type	1	JOB		

FIT/REPLACE ITEMS/FURNITURE

60	Rooms 1, 2, 3 and 5. Furniture move out of room up to 20m and move back to original position when work is completed. move and move back equal one action, items that can be carried by one person=1 each, items that must be carried by two persons=2 each and 4 persons=4 each	88	EA		
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P & G

61	P and G shall include all cost not directly related to a specific item on the schedule of prices and rates. All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after completion of work.	1	JOB		
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TRANSNET FREIGHT RAIL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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HEALTH AND SAFETY

943 Health and Safety. Cost for the risk and safety must include the risk assessment. The risk assessment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project Manager and the contractor

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NET TOTAL PRICE (to be carried forward to form Offer and acceptance) R

14% VAT

R

GRAND TOTAL

R

TRANSNET FREIGHT RAIL
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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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CEILINGS

1	Room 1 (Area Manager secretary office) Room 2 (Area manager office) Replace 1 broken, cracked or defective panels with new panel to match existing panels in texture and colour.	6	M ²		
2	Room 1 (Area Manager secretary office) Room 2 (Area Manager office) Pull up suspended ceiling that hang. Remove as necessary panels with care, pull up and or as necessary replace fit additional wires to level suspended ceiling and refit panels. Wash panels to clean.	63	M ²		

WALLS INTERIOR

3	Room 1 (Entrance hall, next to passage security gate wall corner) Fix's loose aluminium angle section to wall corner (Ask Willie for strip)	1	JOB		
4	Room 12 (Ground floor kitchen, top floor male toilet passage) Prepare wall for painting, wash brick/rough plaster walls with sugar soap, open up cracks to 4mm with sharp object, fill crack and all hole, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove sanding dust	29	M ²		
5	Room 12 (Ground floor Kitchen, Top floor passage at entrance to toilets section 5 sqm and male toilet passage) Remove loose paint and treat area with Plascon or Dulux bonding liquid for oil based paints or similar product from other manufacturer.	4	M ²		
6	Room 24 (Top floor male toilet passage) Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint or similar product from other manufacturer. Apply paint only after preparation as per attached specification. Colour: barely beige code 3h1-1	11	M ²		
7	Room 12 (Ground floor kitchen) Paint smooth plaster walls with 1 Dulux, plascon coat universal undercoat or similar product from other manufacturer. And 1 coat Dulux or Plascon gloss enamel or similar product from other manufacturer. Apply paint only after preparation as per attached specification. Colour: barely beige code 3h1-1	11	M ²		

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15

Room 12 (Ground floor kitchen) Cut off skirting tile plastic edge strip to tile wall from existing skirt tiles

6

M

16

Room 23 and room 24 (Top floor female and male toilet) Fill up to 8mm diameter holes in tiles with neatly with white grout. Holes were soap and towel dispensers was removed.

20

EA

25

Room 2(Ground floor Senior admin official office) Aluminium sliding windows 2 x 560mm x 740mm) Apply reflective film to window glass to make window one side view only, view must only be from inside of office to outside.

1

JOB

WINDOWS INTERIOR

17

Room 11 (Ground floor male toilets) 3 x for window 450mm wide x 900mm) Manufacture and fit 25mm square tubing burglar bar frame with 12mm dia round steel bars vertically, spaced 100mm and horizontal 300mm. Size 2.0m wide x 1.2m high. Paint bars 1 coat steel primer, undercoat and 2 coats gloss enamel.

3

EA

18

Room 10 (Ground floor female toilets) 2 x 930mm x 600mm) Manufacture and fit 25mm square tubing burglar bar frame with 12mm dia round steel bars vertically, spaced 100mm and horizontal 300mm. Size 2.0m wide x 1.2m high. Paint bars 1 coat steel primer, undercoat and 2 coats gloss enamel.

2

EA

19

Room 10 (Ground floor female toilets) 1 x 1400mm x 590mm) Manufacture and fit 25mm square tubing burglar bar frame with 12mm dia round steel bars vertically, spaced 100mm and horizontal 300mm. Size 2.0m wide x 1.2m high. Paint bars 1 coat steel primer, undercoat and 2 coats gloss enamel.

1

EA

20

Room 27 (Top floor safety officer office) Fit one blind removed from board room and fit at window were window unit air conditioner was removed and service this blind as well as two existing vertical blind. Service vertical blinds. item include remove and re-fit vertical blinds, Wash of slats, fix loose brackets, replace all broken parts, strings and the repair of loose slats. Blinds size 1900mm wide x 1750mm drop

3

EA

90

TRANSNET FREIGHT RAIL

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21	Room 17 (Ground floor roster office room 17 blinds x 2, Roster office locker room blind x 1) Replace vertical blinds complete with new rail Face fit to brick wall. Size 1650mm wide x 1650mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	3	EA		
22	Room 12 (Ground floor kitchen) Replace vertical blinds complete with new rail. Size 1150mm wide x 1200mm drop. colour plain fawn. Measured for face fit. Rail anodized aluminium.	1	EA		
23	Room 21 (Top floor passage) Fit vertical blinds complete with new rail Face fit to brick wall. Size 1600mm wide x 1430mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	7	EA		
24	Room 11 (Ground floor male x 3 and female toilets x 4) Remove vertical blinds complete with brackets as scrap and fill holes in ceramic wall tiles neatly with white grout.	7	M ²		
26	Room 23 and room 24 (Top floor Female toilet, Male toilet and kitchen) Remove loose and cracked front putty SS type windows, front putty are on inside of room. Clean steel of all dirt and rust and paint glazing bars with Dulux or Plascon (or similar) steel anti rust primer. Replace front putty to neat and straight finish.	16	M		

WINDOWS INTERIOR

27	Room 23 and room 24 (Top floor Female toilet, Male toilet and kitchen) Paint only front putty 1 coat Dulux or Plascon (or similar) universal under 2 finish coats paint to match existing type and paint colour. New putty to be painted only after 7 days.	16	M		
28	Room 25 (Top floor Passage, Board room and Safety officer office) Replace cracked or broken window panes clear, size 350mm x 450mm x 3mm. Clean frame apply 1 coat anti rust paint. See attached detail specification. Place sheet on floor or garden to catch all broken pieces of glass	10	EA		
29	Room 12 (Ground floor kitchen), Room 11 (Male toilet), Room 10 (Female toilet) Paint residential small pane type window frame complete, with 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer. and 2 coats Dulux pearlglo White or Plascon Velva glo or similar product from other manufacturer. Item includes removing all old paint from glass area and cleaning of glass. See detailed specifications.	4	M ²		

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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30	Room 25 (Top floor Board room) x 2 and Room 27 (safety office) x 1 Paint industrial SS53 type window frame complete Frames that was repaired with 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer. And 1 coats Dulux pearlglo or Placon Velva glo or similar product from other manufacturer. White paint. Item includes removing all old paint from glass area and cleaning of glass. See detailed specifications.	7	M ²		
31	Room 21(Top Floor passage) Paint industrial SS type window frame only inside sections, when window is close sections that can be seen, with 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer. And 2 coats Dulux pearlglo or Plascon Velva glo or similar product from other manufacturer. White. Item includes removing all old paint from glass area and cleaning of glass.	16	M ²		
32	Room 17 (Ground floor roster office room 17) Service aluminium sliding window	2	EA		
33	Room 25 (Top floor Board room x 2 and safety officer office x 1) Repair SS53 steel window frame where window unit air conditioner was removed. Remove sheet metal plate that was fitted to close opening, provide, cut to size and weld in 2 x 500mm long T glazing bars that was cut out to fit the air conditioners. Item also include, cleaning of steel, apply paint primer coat and scaffolding necessary for exterior as window is on top floor of building.	3	JOB		

DOORS/SECURITY GATES

34	Room 10 (Ground floor Female toilet) Fix loose lock and or door handle, remove screw, drill hole 6mm dia, plug hole with 6mm dowel and wood glue and fit new screw	1	EA		
35	Room 3 (Ground floor Senior admin official office) Replace cylinder lock type mortice lock door handle with heavy duty sabs approved mortice lock door handle	1	EA		
36	Room 12 (Ground floor kitchen) Remove for tiling wall and re-fit chrome plated cabin hooks.	2	EA		

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
37	Room 12 (Ground floor kitchen) Remove for tiling fitted against wall rubber door stop and re-fit after tiling.	2	EA		
38	Room 11 (Ground floor male toilets) x 2 and Room 10 (female toilets) x 2 Fit turning type indicator locking bolt to door complete.	4	EA		
39	Room 12 (Ground floor kitchen) Replace aluminium draught excluder (weather board aluminium type) Allow additional for 900mm x 15mm x 15mm aluminium angle to fit with aluminium draught excluder as door have indent.	1	EA		
40	Room 12 (Ground floor door from short passage to service drivers toilets) Fit new hydraulic door closer, Fix closer with long 6mm bolts and nuts to go through door to flush panel door.	1	EA		
41	Room 23 (Top floor female toilet) entrance door from passage, wood strip loose lock side) Repair door loose wood cover strip, refix with wood glue and panel pins	1	JOB		
42	Room 16 (Ground floor Roster office locker room) door top lock side and at Kitchen door to passage) Plane door on sides, item includes removing and refitting of door as necessary to plane bottom, top or sides where door catches against door frame or floor.	2	EA		
43	(Ground floor, Entrance hall, door Electrical distribution) Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearlglow river rock code 6j1-7. Or similar product from other manufacturer. Do preparation before painting per specification. Item include remove before paint and refit of handles.	4	M ²		
44	Room 12 (Ground floor kitchen) x 2 doors, Room 25 (Top floor board room) x 1 Varnish door complete both sides, side edges and top edge, 2 coats varnish. Use exterior varnish on exterior side. Do preparations as per attached specifications. Item include remove and re-fit of handle and door handles shall be removed before sanding and varnishing door.	6	M ²		

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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45	Room 21 (Top floor Passage) Remove double wood doors and door frame complete. Install new purpose build double aluminium frame hinged doors, doors to have centre rail fitted. Installed, complete with safety glass, Doors shall have 3 aluminium hinges per door fitted, Fit 2 flush barrel bolts and lock. Wall opening after old wood frame was removed is 1.60m wide x 2.05m high. Contractor to measure before have door frame manufactured.	1	JOB		
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46	Room 12 (Ground floor kitchen) Paint security gate, prepare for painting, spot prime, paint 1 coat Dulux or Plascon universal undercoat and 1 coat Dulux or Plascon white gloss enamel or similar product from other manufacturer. Single standard 810 x 2030mm gate, 40mm square tubing outer frame. 25mm square tubing gate frame and 12mm dia round bars. See attached spec	2	M ²		
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47	Room 1 (Ground floor, door at entrance to short passage to service drivers rest room) Remove door as scrap	1	JOB		
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DOORFRAMES

48	Room 16 (Ground floor. Roster office locker room door frame, Top floor board room x 1) Set door lock striker plate on frame to prevent wind from moving door. Apply lock tight or similar product to screw	2	EA		
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49	Room 1 (Ground floor entrance hall) x1 electrical DB cupboard, Room 12 (kitchen ground floor) x 2 doors frames, Room 25 (Top floor board room) x 1 Paint door frame 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer. And 1 coats Dulux pearliglo White or plascon Velva glo non drip paint or similar product from other manufacturer.	4	M ²		
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FLOORS

28	Room 25 (Top floor Board room) Cut trench of 3.30m long x 50mm wide x 50mm deep in concrete slab floor with ceramic tile finish with angle grinder and diamond blade. To make provision for trunking for electrical lead. Trench lines to be straight and neatly cut, chisel concrete out and clean trench. Fit 50mm x 50mm PVC trunking in trench. Fix PVC tubing with 5mm hammer screws as necessary to keep tubing level in trench, space between PVC tubing and ceramic tiles with grey tile grout.	1	JOB		
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TRANSNET FREIGHT RAIL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
50	Room 17 (Ground floor roster office) Remove interlocking vinyl floor tiles complete and clean floor from all adhesive.	15	M ²		
51	Room 17 (Ground floor roster office) Remove ceramic tiles from sub floor with all adhesive	5	M ²		
52	Room 17 (Ground floor roster office) Install laminate flooring grade AC4 for commercial use, with 5 year warranty as per specification.	20	M ²		

CUPBOARDS/TABLE

54	Room 17 (Ground floor roster office), roster notice board above counter both sides of alum sliding window) Fit magnetic strips 200mm long to cupboard door to keep door close.	2	EA		
55	Room 17 (Ground floor roster office) Remove existing post form top 3.10m long x 600mm wide and fit new 600mm wide natural oak Formica post form top one side bull nose 3.10m long	1	M		
56	Room 25 (Top floor Board room) Replace existing shelf 400mm wide with 400mm wide Formica post form top 2.430m long natural oak front edge bull nose, fit post form top shelf on 4 brackets of 25mm wide x 6mm 350mm x 350mm angle with stay. Brackets to be spray painted primer and white finish coat, powder coated. The 4 brackets to be fitted to wall with 2 each 6mm rawl bolts.	1	JOB		

PLUMBING INTERIOR

57	Room 12 (Ground floor kitchen) 2 x 15mm taps) Service taps complete, cut seat, replace washer, set flange screw, not to leak and not to tight) clean tap on outside	2	EA		
58	Room 12 (Ground floor kitchen) Remove and refit zip hydro boil to remove and re-tile wall tiles. Item include electrician cost to uncouple and re-couple electrical lead at hydro boil or isolator	1	EA		

95

TRANSNET FREIGHT RAIL
 ENQUIRY NUMBER: BFX/54060
 DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN
 KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02XK007B

SUB TOTAL

PAGE 8

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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59	Room 20 (Ground floor, Service drivers rest room) Fix loose hydro boil overflow pipe to wall	1	JOB		
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60	Room 19 (Ground floor basin at the toilets of service drivers) Clean excess silicon sealer from basin and wall tiles	1	JOB		
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FIT/REPLACE ITEMS/FURNITURE

61	Room 19 (Ground floor Toilet) Fit sign to show uni sex toilets, 2 x male sign plus 2 x female sign, Room 11 (Female toilet) x 1, male toilet x 1 passage and disable sign for disable toilet x 1)(Top floor female toilet x 1 and male toilet x 1) Fit standard type plastic sign or type first approve by Project manager. Sign size at lease 200mm x 200m sign to door to indicate men and or woman toilet or ablution facilities. Clean door where sign to be fig with benzene and fix sign to door with double sided tape 4 x 50mm x 25mm	9	EA		
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P & G

62	P and G shall include all cost not directly related to a specific item on the schedule of prices and rates. All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after completion of work.	1	JOB		
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TRANSNET FREIGHT RAIL
 ENQUIRY NUMBER: BFX/54060
 DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN
 KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02XK007B

SUB TOTAL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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HEALTH AND SAFETY

943 Health and Safety. Cost for the risk and safety must include the risk assessment. The risk assessment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project Manager and the contractor

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NET TOTAL PRICE (to be carried forward to form Offer and acceptance) R

14% VAT

R

GRAND TOTAL

R

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

ASSET NO: 02WK010B

SUB TOTAL

PAGE 1

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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CEILINGS

1	(Room 1 = New board room. Room 2 = New Prasa train staff rest room. Room 3 = New battery room. Room 4 = small kitchen top floor. Room 5 = New store for Prasa top floor. Prepare ceiling surface for painting. Wash concrete ceilings with sugar soap. Fill all cracks and holes, sand existing ceiling paint to provide bonding for new paint. Rinse ceiling with clean water to remove sugar soap and sanding dust.	75	M ²		
2	Room1, room 2, room 3 and room 4. Remove loose paint from ceiling, clean area and treat area with bonding liquid	5	M ²		
3	Room 1, Room 2 and room 3 Paint ceiling 2 coats white Dulux, Plascon super acrylic PVA or similar paint from other manufacturer. Apply paint only after preparation as per attached specification was done.	67	M ²		
4	Room 4. Paint ceilings white Dulux, Plascon 1 coat universal undercoat and 1 coat Dulux, plascon gloss enamel or similar paints from other manufacturer. Apply paint only after preparation as per attached specification was done.	8	M ²		
5	Room 1, room 2, room 3 and room 4. Paint ceiling complete 1 additional coat type as specified, if necessary where ceiling was very black and 2 coat do not cover to the satisfaction of the project manager (specify type)	67	M ²		

WALLS INTERIOR

6	Room 1, room 2, room 3 and room 4. Prepare walls for painting, wash smooth plaster walls with sugar soap, open cracks up to 4mm with sharp object, fill cracks and all holes, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove all sanding dust	101	M ²		
7	Room 1, room 2, room 3 and room 4. Remove loose paint and treat area with Plascon or Dulux bonding liquid for oil based paints or similar product from other manufacturer.	6	M ²		

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ASSET NO: 02WK010B

SUB TOTAL

PAGE 2

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
8	Room 1, room 2 and room 3. Paint new plaster walls, 1 coat plaster primer (test wall for moisture before painting new plaster, cover section with plastic sheet to test). Allow paint to dry overnight. Primer must be over coated within 14 days. (see attached specification) (Room 1 where heater was removed and opening bricked up)	25	M ²		
9	Room 1, room 2 and room 3. Paint new wall 1 coat Dulux or Plascon Super acrylic PVA or similar paint from other manufacturer. Only new plaster sections Apply paint only after preparation as per attached specification.	25	M ²		
10	Room 1, room 2 and room 3. Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint or similar paint from other manufacturer. Apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	101	M ²		
11	Room 5. Paint smooth plaster walls with 1 coat white Dulux, Plascon universal undercoat and Dulux, Plascon 1 coat white gloss enamel or similar paints from other manufacturer fro. Apply paint only after preparation as per attached specification.	26	M ²		
12	Room 1 and room 2. Wood panels wall finish, prepare wood panels as per specifications and apply 2 coats interior varnish 2.	24	M ²		
13	Room 2. Lay damp proof course, 110 mm wide x 375 micron	4	M		
14	Room 2. Drill holes in wall and insert 8mm x 250mm steel dowels to join new wall to existing walls, insert steel dowels, every 4 layers of bricks	18	EA		
15	Room 2. Place precast lintel in position on concrete floor to build 110mm single brick wall on top of existing floor. Bed lintel level on mortar mix of one part cement and 3 parts building sand. Item include necessary measuring out work for new walls	4	M		

99

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ASSET NO: 02WK010B

SUB TOTAL

PAGE 3

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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16 Room 1. Build up openings in 110mm stock brick wall, where heater was removed with cement or clay bricks. Build wall to allow for 15mm thick plaster

1

M²

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17 Room 2. Build 110mm stock brick wall with cement or clay bricks, item includes brick force every 4 layers. (mix for building 1 part cement and 4 parts approved building sand)

12

M²

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18 Room 1. Repair plaster patch, item includes neat cutting of perimeter, remove damaged section of plaster and re plaster area to match existing plaster finish where heater was removed

1

M²

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19 Room 2 and room 3. Plaster interior wall +- 15mm thick one coat smooth finish plaster. item does not include soffits and reveals, see item for soffits and reveals (mix for plaster 1 part cement and 5 parts approved plaster sand)

24

M²

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20 Room 1, new board room, remove notice board fitted to wall and refit against wood panel wall. Room 3 old board room new battery room remove pull down screen and refit in new board room

2

JOB

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28 Room 2. Apply reflective film to window glass. office next to old board room, apply to glass off aluminium door in wood Partition 1,80m height x 500mm wide

1

JOB

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WINDOWS INTERIOR

21 Rooms 2, 3 and 4. Paint window sill: item includes, wash, sand, and rinse with clean water and paint of previously painted window sill with 2 coats grey floor paint.

3

M²

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22 Room 1. Replace vertical blinds complete with new rail with approved type blinds. Size 5920mm wide x 1550mm drop. colour plain fawn. Measured for face fit. Rail anodized aluminium. Read attached spec!!

1

JOB

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23 Room 1. Replace vertical blinds complete with new rail with approved type blinds. Size 1050mm wide x 650mm drop. colour Plain fawn. Measured for face fit. Rail anodized aluminium Passage side window.

1

EA

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100

TRANSNET FREIGHT RAIL

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ASSET NO: 02XK007B

SUB TOTAL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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24	Room 2. Replace vertical blinds complete with new rail with approved type blinds. Size 1800mm wide x 1440mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	1	EA		
25	Room 2. Replace vertical blinds complete with new rail with approved type blinds. Size 1800mm wide x 850mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	1	EA		
26	Room 3. Replace vertical blinds complete with new rail with approved type blinds. Size 1760mm wide x 1440mm drop. Colour plain fawn. Measured for face fit. Rail anodized aluminium.	2	EA		
27	Remove vertical blinds complete. Room 4 small kitchen top floor. Room 5 store top floor	2	JOB		
29	Room 1. Wash aluminium window frame with heavy duty detergent to remove all dust and dirt. Rinse with clean water and dry with clean cloth. Window size 5.92 m long x 1.50m high	1	JOB		

WINDOWS INT/AND EXT

30	Rooms 1, 2 and 3. Paint residential large pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux Pearl glo White or similar paint from other manufacturer. Item includes removing all old paint from glass area and cleaning of glass.	7	M ²		
31	Rooms 1 and 2. Paint window frame with surround, item is for standard type windows fit between offices and passage. Item include sanding, cleaning, Paint 1 coat universal undercoat and 2 coats Dulux pearl glo White or similar paints from other manufacturer. Windows passage side.	2	M ²		
32	Rooms 2 and 5. Paint burglar bars 10-12mm diameter round bar 1 coat universal undercoat and 1 coats Dulux pearl glo White or similar paint from other manufacturer. (m ² = whole window opening covered by the burglar bars)	9	M ²		

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PAGE 5

ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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DOORS/SECURITY GATES

33	Rooms 1, 2 and 3. Fit standard round rubber type door stops	3	EA		
34	Room 7. Male toilet top floor, fit new hydraulic door closer to flush panel door. Fix with long 5mm bolts, nuts and washers to door and self-tapping screws to steel door frame	1	EA		
35	Rooms 1, 2, 3 and 4. Plane door on sides, item includes removing and refitting of door as necessary to plane bottom, top or sides where door catches against door frame or floor, see attached specifications for clearances.	4	EA		
36	Rooms 1 and 2. Cut and sand edge of door at bottom to allow for ceramic tiles or carpet. item includes remove and refitting of door	2	EA		
37	Rooms 2, 3 and 5 Replace mortice lock with SABS approved 3 lever mortice lock with 3 keys. If more than 1 lock to be replaced, keys shall not be interchangeable. SABS mark shall be stamped on lock.	3	EA		
39	Rooms 1, 2, 3 and 4. Varnish door complete both sides, side edges and top edge, 2 coats varnish. Use interior varnish. Do preparations as per attached specifications. Item include remove and re-fit of handle	16	M ²		

DOORFRAMES

40	Rooms 1, 2, 3 and 4. Paint door frame with fan light. Undercoat and 2 coats Dulux pearl glo White or similar paint from other manufacturer. Item includes varnish the fan light window with 2 coats interior varnish.	4	M ²		
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FLOORS

41	Rooms 1, 2 and 3. Remove vinyl floor tiles that is under floor carpet after carpet was removed complete and clean floor from all adhesive	57	M ²		
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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
42	Rooms 1, 2 and 3. Remove beber point type floor carpets complete and clean floor	56	M ²		
43	Rooms 1 and 2. Chip 80 % of concrete floor area. supply and apply Tylon or tal key coat or similar product from other manufacturer to floor for ceramic tiles (please read the manufacture specifications on container on how to mix and apply the key coat)	40	M ²		
44	Rooms 1 and 2. Lay 1st grade full body JohnsonTecnica 3333N 300x300 porcelain floor tiles or similar product from other manufacturer (use 10x6mm notched trowel) joints 5mm wide use only porcelain floor tile adhesive.	40	M ²		
45	Rooms 1 and 2. Fit aluminium heavy duty L floor tile edge strip where threshold and floor join at door entrance. All section shall be one long straight length. No joints of sections shall be allowed. Note that threshold must be at lease 10mm lower than floor	2	M		
46	Room 1. Provide expansion joint for tiles. Clean joint of all adhesive. leave adhesive to dry, fill joint with grey silicone sealer (tiles should be installed providing for adequate movement joints)	4	M		
47	Room 3. Fit aluminium ramp to ramp from floor vinyl tiles/sheeting to ceramic tiles floor cover	1	M		
48	Rooms 1, 2 and 3. Remove wooden/steel skirting and quarter rounds, completely	23	M		
49	Room 4. Varnish skirting and quarter rounds, complete, 2 coats interior varnish. 75mm skirting x 1.0m = 0.075 m2. 150mm skirting x 1.0m = 0.150 m2. Varnish only after preparation as per attached specification.	1	M ²		
51	Room 3. Lay Pedestal type heavy duty secret interlocking floor tiles from Tuff floor limited or approved similar tiles from other manufacturer. Colour Black. Tiles to be glued to floor as per manufacturer specification.	17	M ²		

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SUB TOTAL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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667	Room 1 and 2. Lay porcelain tile skirting 100mm wide with plastic tile edge strip on top edge of tiles, Tile to be same as use for floor tiles. Skirting tiles cut to 100mm wide. Item include the chip of 80% of wall area for the tile skirting and to apply key coat to chipped wall area 100mm wide	10	M		
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FIT / REPLACE ITEMS / FURNITURE

52	Room 1. Fit or replace hat and coat hooks, use only heavy duty chrome plated type hooks.	6	EA		
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53	Room 2 and 3. Furniture move out of room up to 20m and move back to original position when work is completed. move and move back equal one action, items that can be carried by one person=1 each, items that must be carried by two persons=2 each and 4 persons=4 each	16	EA		
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55	P and G shall include all cost not directly related to a specific item on the schedule of prices and rates. All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after completion of work.	1	JOB		
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ASSET NO: 02WK010B

SUB TOTAL

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ITEM CODE	FAULT DESCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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HEALTH AND SAFETY

56 Health and Safety. Cost for the risk and safety must include the risk assessment. The risk assessment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project Manager and the contractor

1

JOB

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GUARD CABIN

54 Paint guard cabin next to station (Old Container) complete include door and window frames. Sand complete, clean all rust, spot prime bare metal areas, apply two coats Dulux wall guard paint or similar paint approved by project manager. Apply paint only after preparation as per attached specification has been done. Colour: Dulux River Rock Code: 6j 1-7 or similar paint from other manufacturer. Paint window frames universal under coat and white gloss enamel.

1

JOB

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NET TOTAL PRICE (to be carried forward to form Offer and acceptance) R

14% VAT

R

GRAND TOTAL

R

C3: Scope of Work

C3.1 Works Information

1. Description of Work

The work include: General buildings repairs and maintenance work to Transnet Freight Rail buildings that is in a radius of 10km from Kroonstad Station. The tender include work to the following buildings.

1.1 Asset 02WK001B: Kroonstad Station building.

- 1.1.1 Existing board room: Install drywall to divide room in to two rooms. One room for new equipment batteries and other room for use by Prasa. Remove floor carpets and provide porcelain floor tiles in Prasa room and heavy duty interlocking vinyl floor tiles in battery room. Paint room's ceilings, walls, door frames, inside of window frames and varnish doors.
- 1.1.2 Office 2 ground floor. Remove floor carpets and provide porcelain floor tiles. Paint room ceilings, walls, door frame, passage side window frames, varnish doors, varnish wood panels and replace vertical blinds.
- 1.1.3 Office 3 top floor. Replace floor carpets and provide. Paint room ceilings, walls, door frame, passage side window frames, varnish doors, varnish wood panels and replace vertical blinds

1.2 Asset 02XK007B: Movement depot office building.

- 1.2.1 Room 17 Roster office, replace floor carpet and ceramic tiles with laminated wood floor cover. Replace vertical blinds. Service/repair aluminium sliding window.
- 1.2.2 Room 2 Senior admin official office. Fit aluminium sliding window panes with one way film
- 1.2.3 Room 12 Kitchen ground floor, Paint ceilings, walls, inside of window frame and varnish door.
- 1.2.4 Room 21 Passage top floor, provide vertical blinds. Replace double wood doors with aluminium and glass doors. Wash suspended ceiling.
- 1.2.5 Room 25 Board room, repair windows frame were air conditioners was removed and replace vertical blinds.
- 1.2.6 Room 27 Safety officer office, repair window frame were air conditioners was removed and replace vertical blinds at window were air conditioner was removed with one blind from board room. Wash vertical blinds
- 1.2.7 Room 10 Female toilets ground floor and Room 11 male toilets ground floor, fit burglar bars
- 1.2.8 Do various repairs, loose blind, loose finishing strips and loose down pipes
- 1.2.9 Provide engraved plastic number to number all rooms in building.
- 1.2.10 Fit 1.80m high steel palisade fence between building 02XK007B and 02AK272B at water tank side.

1.3 Asset 02XK009B: Operation office building Gunhill.

- 1.3.1 Room 2 Operations Manager office, do alteration to office outlay by remove/move partitions and aluminium sliding door as per attached plan layout. Do repairs to ceilings, floor cover. Wash ceiling and replace vertical blinds.
- 1.3.2 Room 19 Board room. Fit suspended ceiling, replace floor cover, replace aluminium and glass door. Paint walls and window frames passage side.
- 1.3.3 Room 1 repair cracks in passage walls and paint wall.

2. The Contractor shall comply with the following Acts and the Transnet E4 Specifications.

- 2.1 The Contractor shall comply with all applicable legislation and Transnet safety requirements adopted from time to time and instructed by the Project Manager. Such compliance shall be entirely at own cost, and shall be deemed to have been allowed for in the rates and prices in the contract.
- 2.2 The Compensation for Occupational Injuries and Diseases Act, No. 130 of 1993. The Contractor shall produce proof of his registration and good standing with the Compensation Commissioner in terms of the Act.
- 2.3 The Occupational Health and Safety Act (Act 85 of 1993).
- 2.4 The Contractor shall comply with the current Transnet Specification E.4E, Safety Arrangements and Procedural Compliance with the Occupational Health and Safety Act, Act 85 of 1993 and Regulations.
- 2.5 The Contractor shall, at all times, comply with the statutes that prohibit pollution of any kind. These statutes are enacted in the following legislation.

National Environmental Management Act, 107/1998.
Environmental Conservation Act, 73/1989.
National Water Act, 36/1998.

3. Health and Safety

- 3.1 Contractor to adhere to all safety regulations as per Occupational health and Safety Regulations Act, 85 of 1993. Adhere to the safety rules and regulations of the various Depots and sites. At all times the safety aspect of the project must be treated as very important. All contract workers will attend a safety induction course presented by Transnet before the work commences
- 3.2 The Contractor's Health and Safety Programme shall be subject to agreement by the Project Manager who may, in consultation with the Contractor, order supplementary and/or additional

safety arrangements and/or different safe working methods to ensure full compliance by the Contractor with his obligations as an employer in terms of the Act.

- 3.3 In addition to compliance with clause 2.5 hereof, the Contractor shall report all incidents in writing to the Project Manager / Supervisor. Any incident resulting in the death of or injury to any person on the Service shall be reported within 24 hours of its occurrence and any other incident shall be reported within 48 hours of its occurrence.
- 3.4 The Contractor shall issue all workers employed by him with the necessary protection clothing.
- 3.5 The health and safety plan will cover all the projects under the contract, the health and safety plan shall include a risk assessment to cover the standard risk and safety plan to general maintenance and alteration work to buildings. As per this list
- a. Erection & dismantling and working on Scaffold
 - b. Using ladders
 - c. Working on sloping roof
 - d. Working within a public area
 - e. Hazardous chemical substances
 - f. Noise
 - g. Hire plant and machinery
 - h. Fire-fighting equipment
 - i. Gas cylinders
 - j. Portable electrical tools
 - k. Transport staff
 - l. Transport material
 - m. Occupational health
 - n. Welfare facilities
 - o. Speed restriction
 - p. Permits
 - q. Occupational health and safety signage
 - r. Personal protective clothing, equipment (PPE)
 - s. Potential hazard situations
 - t. Working at Heights of more than 3metre
 - u. Working Near to Electricity overhead lines
 - v. Installing and replacing electrical equipment

4. Occupancy of buildings

The buildings and sites will be occupied during renovations / repairs. The contractor, in conjunction with the Service Manager, must liaise with the people on site as to how and when the work can be performed so as to ensure their safety and no major disruptions to the service of TFR.

5. Competency and Qualifications of contractors workers

- 5.1 The successful tenderer shall give a list of his employees who shall perform the various tasks to Transnet.

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- 5.2 Plumbing work, all plumbing work shall be done by a register plumber or shall be done under supervision of a register qualified plumber as require by law in the national building regulations, regulation A18 CONTROL OF PLUMBERS AND PLUMBING WORK. A certificate of Compliance must be issued as per IOPSA and the Government Notice R 1875, 31st August 1979. Contractor shall provide a trade test diploma from the Department of Manpower issued at a test centre that the plumber is a qualified plumber.
- 5.3 All other trades shall be done by staff that is competent, satisfactory proof of his staff's qualifications or competency for the task can required before Transnet will permit him/her to commence this task duty. Acceptable proof of qualifications or competency shall be:
- 5.3.1 A trade test diploma from the Department of Manpower issued at a test centre;
 - 5.3.2 A completed contract of apprenticeship;
 - 5.3.3 Proof of qualification acceptable to the Department of Manpower in the case of qualified artisans from a foreign country
 - 5.3.4 Any competency as needed and recognized by the Department of Labour.
 - 5.3.5 Proof that he is able to perform the work as per specification to satisfaction of the Transnet Freight Rail Project Manager
- 5.4 If the workmanship is not of standard, albeit that the incumbent who undertakes the work is qualified as per clause 5.2 and 5.3 above, Transnet will reserves the right to ask that this incumbent be removed for doing work for Transnet.
- 6. To be supplied by the contractor, Material, labour, transport, tools, equipment and plant.**
- 6.1 *The Contractor shall provide all material labour, transport, consumable, equipment, tools, services of every description required for the carrying out and completion of the work as specified*
- 6.2 **Material**
All the materials used on all the projects shall be SABS and or SANS approved if available or if SANS & SABS material is not available highest standard available of the material as specified can be used with permission of the Transnet freight rail Project Manager. All material shall be fitted, installed apply according to the manufacturer's specifications and instructions. Where trade names and catalogue references have been used in the specifications to specify a product, Tenderers must tender on that particular product or alternative products specified. In addition, Tenderers must tender on the design specified. The accepted tenderer (i.e. Contractor) may, after obtaining written authority from the Service Manager, use an alternative product or design. Where such written authority is given by the Service Manager at the request of the Contractor, for the contractor's convenience, all additional costs involved will be done for 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.
- 6.3 **Traveling / Transport**
All traveling and transport to and between sites is inclusive and no payment will be make for any traveling on this tender

7. Sub-contractor

The Contractor shall not assign his obligations under the contract, nor sublet the contract work or any part thereof without the consent of the Service Manager. Breach of this condition will entitle Transnet to cancel the contract forthwith.

8. Site meetings

Site meetings to discuss the project will be held, on a regular basis as agreed upon, between Transnet Freight Rail Project manager and the Contractor, (Relevant Sub contractors / Specialists may be requested to attend).

Progress and site inspection meetings will take place on a regular basis, once a week or as per arrangement.

9. Recording of the Service

The Contractor shall keep and maintain accurate records in the site diary of all work so that any disputes can be resolved and that the extent of the required tests on the materials can readily be determined.

10. Setting out of the work

Setting out of the work shall be the sole responsibility of the Contractor and shall be done in accordance standard building practices.

All dimensions and quantities to be checked on site by tenderer before commencing with the work. The contractor shall check all dimensions and quantities before ordering any material.

11. Keep site tidy

The Contractor shall keep the site tidy at all times and remove all old material and such as rubble, off-cuts, demolished material, surplus material and carry away and dump or store onto or at an approved site. If required, a permit must be obtained from the local Municipality to transport material on their roads. All debris and materials removed from the building shall be safely and neatly stacked at an approved location and the area shall be cordoned off with barrier tape.

12. Payments and Claims

- 12.1. All instructions to the Contractor shall be confirmed in writing and only requests that were issue in writing, will be accepted for payment.
- 12.2. Payments shall be made 30 days after Month ending by finance in Johannesburg) when the work is completed, (minus retention money), and in accordance with the Schedule of Rates and Prices.
- 12.3. Payments will be paid for each particular project once completed. No progress payment will be may be made.
- 12.4. No payment will be made for material on site.

13. Guarantee and Quality

The contractor guarantee the quality of his workmanship for a period of twelve (12) months. In the event of Transnet in its sole discretion, being dissatisfied for whatever reason with any or all of the work performed by the Contractor, Transnet shall forthwith notify the Contractor thereof. The

Contractor shall then forthwith redo the complete work at his own expense to the satisfaction of Transnet.

14. Time to complete the work and penalties for delays

The tenderer shall give after consultation with Transnet Project Manager the time he will require to complete the work, however, this time should not exceed time as per specification. This period shall be exclusive of weekends, public holidays and statutory holiday periods.

Failing completion of the work within the period as stipulated above or with any shorter period offered by the contenders and accepted by Transnet, the contractor shall pay to Transnet the sum of R 500.00 (Five hundred Rand for every day or part thereof during which the Service remain incomplete.

15. Site records

15.1. Site Instruction Book

The Contractor shall provide a site instruction book (not smaller than A5), in triplicate for the Service Manager to place all instructions that are needed to compliment the specifications and drawings and any other instruction that may affect the cost of the work.

No work will be recognized for additional payment unless it has been recorded and signed by the Service Manager in the aforesaid book.

15.2. 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, names & numbers of workers on site, material that has been delivered, material that has been loaded and disposed of, incidents that have occurred, nature of work to be done on that day, etc.

16. Materials found on site

No material that is lying on the site (other than that as specified in this document) or any Transnet's properties may be removed or used (even if deemed as scrap) by the contractor.

17. Clearing of site

The Contractor shall provide for cleaning up and sorting all rubbish and debris of whatever kind, generated by this work only, throughout the duration of the contract. Upon completion the Contractor shall clear away and remove all rubbish, unused material, plant and debris caused by the Service and leaves the site and the whole of the Service clean and tidy to the satisfaction of the Service Manager.

18. 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.

19. Escalation

This contract does not make provision for compensation in respect of increased costs. The contenders must allow in his fixed price for any increased costs, which he may encounter during the contract period or such extended period as agreed upon by both parties.

20. Retention

There are 6 (Six months) retention period from the completion date applicable on this contract.

21. Standard Specification

22.1 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.

- | | |
|--|---------------------|
| 21.1. SANS Specifications (To be obtained by the contenders) | |
| National Building Regulations | SANS 10400 – 11990 |
| General Structural | SANS 11200AH- 11982 |

22. Project specific specifications

22.1. Asset 02WK001B: Kroonstad Station building.

CEILINGS

1 Prepare ceiling area for painting.

Wash ceiling thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of ceilings shall include the driving in of all proud standing nails at gypsum or cement fibre ceilings boards, opening of all fine cracks with a sharp object, the filling of the cracks and all small holes in the ceiling with an appropriate filler. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface, removing all loose particles and dust ensuring that the surface is sound. Sand existing paint on ceilings to provide bond for new paint. After sanding, wipe ceiling thoroughly with clean damp cloth to remove sanding dust. Let ceiling dry completely before any paint is applied. No sweeping or dusting shall be done after the ceiling has been prepared for painting or while painting is in progress or while paint is still wet.

2 Remove loose paint from ceiling and treat area with bonding liquid.

Remove all loose flaking paint including chalking. Clean ceiling with damp cloth. Prime affected areas with a bonding liquid. Apply as recommended by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like, must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

3 Paint concrete ceiling complete with 2 coat super acrylic PVA paint

Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint

4 Paint ceiling complete, undercoat and gloss enamel

Paint work to ceilings include the cover strips, cornices stopping, sanding, dusting and priming of nail heads and screws. Ceilings previously painted with gloss or eggshell enamel paint: Apply one coat of universal undercoat (SABS 681) and one coat white gloss enamel paint (SABS 515). All surfaces not being painted such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

- 5 Paint ceiling complete 1 additional coat Dulux or Plascon PVA paint or similar product from other manufacturer. Paintwork to ceilings INCLUDE cover strips, cornices and priming of nail heads and screws. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.**

WALLS INTERIOR

6 Prepare smooth plaster walls for painting.

Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of walls shall include opening all fine cracks with sharp object, the filling of cracks and all holes in wall with the appropriate filler or patching plaster, depending on the size of the cracks or holes. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. Let wall dry completely before any paint is applied. No sweeping or dusting shall be done after the wall had been prepare for painting, while painting is in progress or while paint is still wet.

7 Remove loose paint and treat wall with bonding liquid

Remove all loose flaking paint, including chalking. Where the surfaces were coated with Lime-wash, rub down with a stiff steel brush removing all the Lime-wash, back to the original plaster. Apply a coat Alcolin Perm Bond or similar product from other manufacturer according to the manufacturers specifications. Distempered plaster surfaces must be completely removed and washed down. Do not commence with painting unless the surfaces are properly dry. When the surface is ready for coating, where necessary, apply the appropriate primer.

8 Paint new plaster walls with one coat plaster primer.

Ensure that all surfaces are clean and dry before painting. Allow new plaster to dry for at least 14 days under dry weather conditions. The areas under repair must be rubbed down to a smooth even finish. Brush down the surface, removing all loose particles of dust and ensure that the surface is sound. Apply one coat plaster primer. Allow plaster primer to dry for 16 hours before over coating with specified paint. Thin 5 parts Plaster Primer with 1 part Mineral Turpentine. Apply a full coat evenly by brush or roller. Allow to dry overnight. Plaster primer must be over coated within 14 days. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

9 Paint new plaster wall 1 additional coat paint.

Apply additional Dulux wash a wear, Plascon double velvet paint or similar product from other manufacturer. Apply paint only after preparation as per specification was done

10 Paint smooth plaster walls, 2 coats, Dulux wash a wear or Plascon double velvet paint or similar product from other manufacturer.

All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.

11 Paint smooth plaster walls with universal undercoat and white gloss enamel.

All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items such as notice boards, towel rails and other such items.

12 Wood panels wall finish, prepare and varnish wood 2 coats.

Wash wood panels wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt, preparation of walls shall include stopping of all holes and other defected areas with the appropriate wood filler that match colour of the wood panel. The areas under repair must be sand down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Rinse wall thoroughly with clean water. No sweeping or dusting shall be done after the wall had been prepare for varnish or while varnishing is in progress or while varnish is still wet. All work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being varnish, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any varnishing is commenced with.

13 Lay damp proof course, 110mm wide x 375 micron.

Supply and place in position Damp course complying with SABS 952-1985 type B. Damp proof course to resist rising damp. In solid wall construction, the damp proof course must be at least 3 courses above the finished ground level. In a cavity construction wall the damp proof course must be at least 2 courses above ground level and shall be stepped from inside one brick down to outside wall. The cavity below the damp proof course must be filled and splayed to the underside of the stepped damp proof course. The omission of this detail can lead to chronic inward capillary movement of moisture.

14 Drill holes brick wall and insert 10mm steel dowels to join new brick wall to existing wall.

Drill 10mm diameter and 70mm deep, holes in brick wall. Insert 250mm long, 10mm diameter round bar in holes to anchor new wall to existing wall. Provide anchor at every fourth layer. To anchor new doorframes build into new opening in existing wall. Insert fist anchor 150mm from floor and then at +- every FOURTH LAYER both sides of

15 Place in position pre-cast concrete lintel on floor.

Supply and place pre-cast lintel in position on existing concrete floor on mortar bed of 1 part cement and 3 parts building sand. Lintels shall be the length of new wall up to 2.40m long, joints only allowed after 2.40m length, but no section shall be shorter than 1.0m. For wall longer than 2.40m up to 4.80m only one joint allowed. The number of reinforcing wires in lintels for the various wall thickness and spans shall be

not less than specified by the SABS Lintels shall be built in 3:1 cement mortar with all joints filled

16 Build up openings in 110mm stock brick wall, where heater was removed.

Build with approved cement or clay bricks. Build wall to allow for 15mm thick plaster

17 Build 110mm Common Brick wall.

Supply approved cement or clay bricks. Clay brick shall comply with SABS 227 and cement bricks shall comply with SABS 1215. The mortar for wall shall be 1 part Portland cement or similar product from other manufacturer complying with SANS 50197-1 and 4 parts clean approved building sand. All masonry work shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers off brick. Bricks of different composition are not to be mixed and build into the same wall.

18 Repair plaster patch.

Remove all loose and defective plaster on walls as required, cut perimeter straight, rake out joints to a depth of 6mm to form key for plaster, wet the bare brickwork well and re-plaster the surfaces with a 4:1 cement mortar, to match existing finish. New plaster shall be flush with adjoining surfaces of existing plaster.

19 Plaster wall.

Interior plaster: Surface shall be clean and thoroughly wetted directly before plastering commences. Concrete surface shall be slashed with a mixture of one part of cement and one part of coarse sand. Cement plaster should be composed of one part of cement and five parts of plaster sand. Otherwise, where plaster must match existing plaster, plaster should not be less than 10mm and more than 20mm thick. Internal plaster, except where walls are to be tiled, shall be steel towelled to a smooth, even and true finish. Where walls are to be tiled plaster finish should be wood float finished. Plaster must be returned into reveals and Soffits of openings and all angles shall be true and straight with salient angle slightly rounded. All chases must be cut and electrical conducting and boxes or plumbing pipes fixed before any plastering is done. On no account will chasing in finished plaster be allowed and if such chasing is necessary, the entire wall surface shall be hacked off and re-plastered. No re-tempering of partly set or dried plaster mixes shall be attempted and such material shall be discarded. Each coat of plaster shall be approved by the Manager before the next is applied and notice shall be given to that officer when it is ready for inspection.

20 Remove notice board fitted in Room 1 new board room to wall and refit against wood

panel wall. Room 3 old board room new battery room remove pull down screen and refit in new board room

WINDOWS INTERIOR

21 Paint windowsill two coats floor paint

Remove all polish with turps or thinners and sand window sill completely, clean sill with damp cloth to remove all sanding dust. Apply two coats of floor paint for previously painted sills and two coats stone dressing to un-painted quarry tile window sills.

22 Install/replace vertical blinds (1)

*** MESUREMENT*** for recess fixed blinds the clearance between bottom of blinds and window sill shall be 10 mm. For face fixed blinds the blinds shall cover the window with 150 mm on each side of window where possible, the top of the blind shall be 100 mm above the lintel and the bottom of the blinds shall be 150 mm below the windowsill. Rails to be fit with quick snap-out clamps spaced not more than 900mm apart.

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

IMPORTANT - THE TOP POCKETS HOUSING THE LOUVRE SLATS/HANGERS AND THE BOTTOM POCKETS HOUSING THE MOULDED PVC BOTTOM WEIGHTS SHALL BE SEWN AND SHALL NOT GLUED OR HEAT SEALED.

Track of extruded aluminium construction measuring 44,5mm wide by 25mm natural anodized finish (25 micron) as standard or an option of white powder coated finish. Fixing for TOP FIX (ceiling or recess fix) use extruded aluminium "QUICK CLIP FIX" brackets secured to the top of the recess with 5mm diameter x at least 40mm long "Hilti" prefix anchors, track to clipped into the brackets. For FACE FIX extruded aluminium "QUICK CLIP FIX" brackets are used which are firstly anchored to the wall by means of 5mm diameter x at least 40mm long "Hilti" prefix anchors and the track then clipped into the integral bracket. The brackets must be anodized or powder coated to match the specific track. Mechanism the runners shall be of high quality construction incorporating a safety/slipping clutch to ensure the correct alignment of the blades. The runners to be 10mm wide and operate on wheels and are linked together with nylon links which ensure a minimum of 13mm overlap on each blade/vane. Control cord to be white, plastic tension type and the blades rotated cord bead chain cord. The hanger on the runner to be moulded from clear polycarbonate and to be the "peg" design. The vertical position of the blades is maintained by moulded PVC bottom weights (weighing 50 grams for 127mm blades and 38 gram for 90mm) in a pocket at the bottom of the vane/blade which are interconnected by means of twin, snap on, white, and plastic link chain. , Glass fibre and Acrylic composition; all of which are vinyl coated and anti-static treated.

23 Install/replace vertical blinds (2)

See install/replace Vertical blinds (See item 22 for specifications)

24 Install/replace vertical blinds (3)

See install/replace Vertical blinds (See item 22 for specifications)

25 Install/replace vertical blinds (4)

See install/replace Vertical blinds (See item 22 for specifications)

26 Install/replace vertical blinds (5)

See install/replace Vertical blinds (See item 22 for specifications)

27 Wash Venetian blinds

Lay on flat area to support slats, wipe slats and rails with clean cloth cold water with mild detergent added to remove all dust and dirt and wipe then with clean dry cloth.

28 Apply film to window glass to make one way view only Window size 1800m x 500mm

29 Wash aluminium window frame with heavy duty detergent to remove all dust and dirt.

Rinse with clean water and dry with clean cloth. Window size 5.92 m long x 1.50m high

WINDOWS INT AND EXT

30 Paint window frame complete two coats.

Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats white Dulux or Plascon gloss enamel paint or similar product from other manufacturer. After painting all window-openings, sections shall open and close easily. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible if any get lost.

31 Paint window frame with window surround complete.

Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete

and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats white Dulux or Plascon gloss enamel paint or similar product from other manufacturer. After painting all window openings sections shall open and close easily. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible if any get lost

32 Paint burglar bars 10 – 12mm diameter round bar.

Clean from all rust and dirt. Sand burglar bars and wipe off all sanding dust. After cleaning and sanding off rust on metal work those portions so affected shall be treated with an approved rust inhibitor. Paint burglar bars 1 coat universal undercoat and two coats white Dulux or Plascon gloss enamel paint or similar product from other manufacturer.

DOORS/SECURITY GATES

33 Fit / replace rubber type door stop.

Fit rubber type door stop to prevent door handle from hitting the wall / wall tiles. Fit/Replace damaged or missing door stops with new 38mm diameter rubber door stops, each properly fixed to floor with a steel screw, screwed to plug in floor. Fix door stop to floor with 8mm fisher plug and screw not shorter than 40mm.

34 Fit new hydraulic door closer to flush panel door in Room 7. Male toilet top floor. Fix with long 5mm bolts, nuts and washers to door and self-tapping screws to steel door frame

35 Plane door to fit including paint / varnish edge complete.

Determine where door catches against frame or floor. Remove door if necessary and plane. If door catches on lock side the hinges must be removed and the door planed on hinge side. The hinges must then be checked in again to be flush with door. The clearance on top and on sides shall be 2mm and at bottom 6mm. Exposed wood on painted door shall be primed. Varnished doors, apply one coat varnish.

36 Cut door at bottom to allow for ceramic tiles.

The clearance between tile floor and door shall be 6mm. Sand edges smooth.

37 Replace lock Mortise 2 lever complete with handles.

Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock and handles must fit precise and shall be straight and parallel to door. Locks and handles shall be fixed with the right type of screw for the type of lock. Mortice locks where specified are to be snugly fitted into the mortice with face plate flush with edge of door. In flush doors the mortice is to be deep enough to accept the lock, but must not penetrate through to the core of the door.

38 Replace 4 lever mortise lock complete with handles

Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys.

39 Varnish door complete, 2 coats.

Previously varnished doors: Remove handles, wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish on varnished doors. Re-fit door handles New doors to be varnished: Remove lock and door handles, Fill all defective places with suitable wood filler, sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply. Apply three coats varnish on doors. Allow varnish to dry between coats. Re-fit lock and handles.

DOOR FRAMES

40 Previously painted steel door frame and varnished fanlight window.

Clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Remove defective paint, feather edges. Wipe off all sanding dust with damp cloth. Varnished Wood frame Fan light window sand and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow frame to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and one finishing coat of white Dulux pearl glo or white Plascon non drip enamel or similar product from other manufacturer. Sand, clean and varnish fanlight window frame 2 coats Plascon or Dulux interior varnish or similar product from other manufacturer.

FLOORS

41 Remove vinyl floor tiles and clean floor.

Remove tiles completely from floor and remove all debris from site and clean sub floor from adhesive

42 Remove floor carpets

Remove existing carpets completely, clean sub floor and remove carpets from site.

43 Chip 80% and provide key coat on floor for porcelain floor tiles.

Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer and keying agent or similar product from other manufacturer for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat)

44 Lay first grade porcelain floor tiles.

BEFORE TILING COMMENCES, THE TRANSNET FREIGHT RAIL REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON PORCELAIN TILE ADHESIVE OR PORCELAIN TILE ADHESIVE AS APPROVED BY THE TFR PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON or similar product from other manufacturer must be applied over whole area. Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon adhesive for porcelain tiles or similar product from other manufacturer. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc. must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Fill joints to lower edge of bevel and not level with the top of the tile.

WHEN LAYING PORCELAIN TILES THE KEY COAT MUST BE 100% DRY IF NOT CHEMICAL REACTION BETWEEN KEY COAT AND PORCELAIN TILE ADHESIVE WILL PREVENT ADHESIVE FROM DRYING.

DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

45 Supply and fit heavy duty aluminium L strip at door entrance

Provide tile edge trim to conceal raw tile edges. Use right size trim for tile. Cut strips into correct length allowing neat mitres joints for corners. Bed tile edge trim firmly into adhesive so that adhesive penetrates the cut out section. Place tiles on top making sure they are flush with the leading edge of the tile edge trim. Proceed with grouting as recommended by the manufacturer. All section shall be one long straight length. No joints of sections shall be allowed

46 Apply silicone sealer in tile joint to allow for expansion or movement at joints.

Tiles should be installed providing for adequate movement joints. Movement and Expansion joints to be provided for at maximum ± 3 m centres externally or at ± 4 m Centres internally, in both directions or as per the tile manufacturer's instructions. All Expansion and movement joints must extend through the adhesive bed and tiles. Apply masking tape to both sides of joints, fill joint with silicone sealer, and finish neatly and remove masking tape before silicone starts to set.

47 Fit aluminium ramp carpet/ceramic tile

Fit at door entrance between vinyl floor tiles and ceramic floor tiles

48 Remove wooden skirting.

Completely remove existing skirting.

49 Varnish wooden skirting, 2 coats.

Previously varnished skirting: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete skirting and use damp cloth to wipe off sanding dust. Allow to dry and apply two coats varnish. New skirting to be varnished: Sand smooth, use damp cloth to wipe off sanding dust. Allow to dry. Apply three coats varnish to skirting. Allow drying time between coats as per

50 Lay porcelain tile skirting with tile edge strip

Chip skirting area to 80% and apply Tylon or Tal key coat or similar product from other manufacturer. Mix and apply key coat as recommended by the manufacturer. Cut porcelain tiles 100mm wide and fix to wall as skirting with porcelain tile adhesive. Tiles shall be in straight line and the same specifications for tiling of walls and floors will be applicable.

51 Lay heavy duty interlocking floor tiles.

Lay

Pedestra type heavy duty secret interlocking floor tiles from Tuff floor or similar product from other manufacturer on floor. Colour black. Tiles shall be glued to floor as per manufacture specification.

FIT/REPLACE ITEMS/ FURNITURE

52 Fit hat and coat hooks.

Provide and fix in the position indicated or directed, 100 x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails. Replace missing hooks with new hat and coat hooks to

52 Move furniture out of room to work and move back as necessary.

54 Paint guard cabin next to station building (Old Container) complete include door and Window frames.

Item include all preparatory work, as specified by paint manufacture. Sand exterior of container complete,

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

Remove defective paint, remove all rust with steel brush and or sanding. Wash off all dust and dirt. Allow to dry. Spot prime all bare metal areas with Dulux or Plascon anti rust paint or similar product from other manufacturer. Apply complete on exterior one coat Dulux or Plascon universal under coat or similar product from other manufacturer. Apply two coats Dulux wall guard or Plascon wall and all paint or similar product from other manufacturer after preparation has been done to this specification and the specification of the paint manufacturer. Colour: Dulux River rock code 6j1-7 or similar product from other manufacturer. All paint work shall be done to the specification of the manufacturer. Over coating time shall be allowed as specified by the manufacturer. All surfaces not being painted must be covered up and protected against spotting before any painting commences. No sweeping or dusting shall be allowed while painting is in progress or while paint is still wet. Dry film thickness to be 90µm per coat. Paint window frames universal under coat and white gloss enamel.

P and G For asset 02WK001B: Kroonstad Station building

55 P AND G

P and G shall include all cost not directly relate to a specific item on the schedule of prices and rates. All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after

Health and safety for asset 02WK001B: Kroonstad Station building

56 Health and safety cost for the risk and safety must include the risk

The risk assessment is a full identification of the risks before the work starts and the necessary Equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction Shall be given to all staff of all contractors at the start of each project and the Contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project managers

22.2 Asset 02XK007B: Movement depot office building.

CEILINGS

1 Repair suspended ceiling.

Fix loose suspended ceiling strips and or Move boards back in position.

2 Wash suspended ceiling.

Wash ceiling thoroughly with hot water and detergent that will not damage the panels finish in order to remove any traces of dirt, etc. The surfaces must then be thoroughly rinsed with clean water and dry with clean cloth.

WALLS INTERIOR

3 Fix's loose aluminium angle section to wall corner with product like "no nail" adhesive

4 Wash walls brick/rough plaster finish for painting.

Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt, preparation of walls shall include opening all fine cracks with sharp object, the fill of crack and all holes in wall with the appropriate filler or patching plaster depending on the size of the cracks or holes. The areas under repair must be sand down to a smooth, even finish. Brush down the surface removing all

loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. No sweeping or dusting shall be done after the wall had been prepare for painting or while painting is in progress or while paint is still wet. Let wall dry completely before any paint is

5 Remove loose paint from brick/plaster walls and treat wall.

Remove all loose flaking paint, including chalking. Where the surfaces were coated with Lime-wash, rub down with a stiff brush removing all the Lime-wash, back to the original plaster. Apply a coat Alcolin Perm Bond or similar product from other manufacturer to the manufacturer's specifications. Distempered plaster surfaces must be completely removed and washed down. Do not commence with painting unless the surfaces are properly dry. When the surface is ready for coating, where necessary, apply the appropriate primer. Wipe wall with damp cloth.

6 Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint or similar product from other manufacturer. Apply paint only after preparation as per attached specification. Colour: barely beige code 3h1-1

All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails, light, plugs switch covers and other

7 Paint plaster wall 1 coat Dulux or Plascon universal undercoat and 1 coat Plascon or Dulux gloss enamel paint or similar product from other manufacturer after all preparations as specified was done Colour: Dulux Barely beige code 3h1-1.

All paint work shall be done to the specification of the manufacturer. Over coating time shall be done as specified by the manufacturer. All surfaces not being painted such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting commenced. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that is more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items as notice boards, towel rails and other such items.

8 Paint brick wall or type wall surface needed to be painted by brush 2 coats Dulux wash 'n wear or Plascon double velvet paint or similar product from other manufacturer, after all preparations as specified was done (see attached paint specification) colour: barely beige code 3h1-1

All paint work shall be done to the specification of the manufacturer. Over coating time shall be done as specified by the manufacturer. All surfaces not being painted such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting commenced. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that is more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items as notice boards, towel rails and other such items.

9 Paint brick wall 1 coat Dulux or Plascon universal undercoat and 1 coat Plascon or Dulux gloss enamel paint or similar product from other manufacturer, after all preparations as specified was done Colour: Dulux Barely beige code 3h1-1

All paint work shall be done to the specification of the manufacturer. Over coating time shall be done as specified by the manufacturer. All surfaces not being painted such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting commenced. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that is

more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items as notice boards, towel rails and other such items.

10 Chip 80% of wall and provide key coat on wall for ceramic tiles.

Apply Tylon Key it or Tal primer and keying agent or similar product from other manufacturer to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply Tylon Key it or Tal keying agent or similar product from other manufacturer as specified by the manufacturer.

BEFORE ANY TILING MAY COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE.

11 Remove glazed wall tiles complete.

Remove old tiles completely with all adhesive and clean surfaces thoroughly, ready for new tiles.

12 Lay new 1st grade 200mm x 200mm white ceramic glazed wall tiles. Use 2mm spacers.

Item include walls, reveals, soffits and sills. Use white grout. Adhesive first to be tested and approved by Project manager

*BEFORE TILING COMMENCES, THE TRANSNET FREIGHT RAIL PROJECT MANAGER MUST FIRST APPROVE THE SURFACE, IN SITE BOOK AND A TEST WILL BE DONE OF THE TILE ADHESIVE WITH TILES TO BE USED BY TRANSNET PROJECT MANAGER TO CHECK COMPATABILITY.

*ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.

Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, and continuous and with 2mm spacers for tiles up to 200mm x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer.

Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc. must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

13 Fit Plastic edge strip to ceramic tile edge.

Provide tile edge trim to conceal raw tile edges. Use right size trim for tile. Cut strips into correct lengths allowing neat mitres joint corners. Bed tile edge trim firmly into adhesive, allowing adhesive to penetrate the cut out sections. Place tiles on top making sure they are flush with the leading edge of the tile edge trim. Proceed with grouting as recommended by the manufacturer. No piece shall be shorter than 450mm

14 Remove existing wood plank of 1.20m long that is fitted to drywall panel to prevent chair back rest from damaging wall, fit new longer plank 100mm wide x 2.20m wide x 15mm to 20mm thick. Fit to wall with self-tapping screws to dry wall rails

15 Cut off skirting tile plastic edge strip to tile wall from existing skirting tiles

16 Fill up to 8mm diameter holes in tiles with neatly with white grout.

Holes

were soap and towel dispensers was removed.

WINDOWS INTERIOR

17 Manufacture and install burglar bars.

Manufacture burglar bars with grade a steel. Use 25 X 25 X 1.6 mm (minimum thickness) square tubing for main frame. Vertically weld onto frame, 12 mm solid round bars. Vertical bars shall be straight and evenly spaced at not more than 100 mm centres. According to size, weld as necessary, 12mm horizontal rods spaced at not more than 500mm apart. Drill as necessary according to size of frame holes of 12 mm diameter each side of main frame, space holes evenly and drill holes at least 100 mm deep in brick wall, insert 125mm long X 12 mm diameter round bar in holes and weld to main frame. Cut and grind flush with main frame. All corners shall be mitred at 45 degrees, welding shall be neat with all welding flux and spots removed and cleaned with steel brush. Clean steel with metal cleaner or thinners to remove all oil and dirt. Apply one coat Plascon or Dulux metal primer or similar product from other manufacturer, one coat Plascon or Dulux universal undercoat or similar product from other manufacturer and two coats Plascon or Dulux white gloss enamel or similar product from other manufacturer.

18 Manufacture and install burglar bars.

See previous item for specification

19 Manufacture and install burglar bars.

See previous item for specification

20 Fit one blind removed from board room and fit at window were window unit

Air conditioner was removed.

Service this blind as well as the two existing vertical blinds in the office. Service vertical blinds. Item include remove and re-fit vertical blinds, fix loose brackets, and replace all broken parts, strings and the repair of loose slats. Blinds size 1650mm wide x 1650mm drop.

21 Replace vertical blinds complete with new rail Face fit to brick wall. Size 1650mm wide x 1650mm drop. Colour plain fawn. Measured for face fit. Rail shall be anodized aluminium. **MESUREMENT** for face fixed blinds the blinds shall cover the window with plus 150 mm on each side of window where possible, the top of the blind shall be 100 mm above the lintel and the bottom of the blinds shall be 150 mm below the windowsill. Rails to be fit with quick snap-out clamps spaced not more than 900mm apart.

IMPORTANT - THE TOP POCKETS HOUSING THE LOUVRE SLATS/HANGERS AND THE BOTTOM POCKETS HOUSING THE MOULDED PVC BOTTOM WEIGHTS SHALL BE SEWN AND SHALL NOT GLUED OR HEAT SEALED

Track of extruded aluminium construction measuring 44,5mm wide by 25mm natural anodized finish (25 micron) as standard or an option of white powder coated finish. Fixing for TOP FIX (ceiling or recess fix) use extruded aluminium "QUICK CLIP FIX" brackets secured to the top of the recess with 5mm diameter x at least 40mm long "Hilti" prefix anchors, track to clipped into the brackets. For FACE FIX extruded aluminium "QUICK CLIP FIX" brackets are used which are firstly anchored to the wall by means of 5mm diameter x at least 40mm long "Hilti" prefix anchors and the track then clipped into the integral bracket. The brackets must be anodized or powder coated to match the specific track. Mechanism the runners shall be of high quality construction incorporating a safety/slipping clutch to ensure the correct alignment of the blades. The runners to be 10mm wide and operate on wheels and are linked together with nylon links which ensure a minimum of 13mm overlap on each blade/vane. Control cord to be white, plastic tension type and the blades rotated cord bead chain cord. The hanger on the runner to be moulded from clear polycarbonate and to be the "peg" design. The

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

vertical position of the blades is maintained by moulded PVC bottom weights (weighing 50 grams for 127mm blades and 38 gram for 90mm) in a pocket at the bottom of the vane/blade which are interconnected by means of twin, snap on, white, and plastic link chain. , Glass fibre and Acrylic composition; all of which are vinyl coated and anti-static treated.

- 22 Replace vertical blinds complete with new rail. Size 1150mm wide x 1200mm drop.**
Colour plain fawn. Measured for face fit.
See replace Vertical blinds (1) for specifications
- 23 Fit vertical blinds complete with new rail Face fit to brick wall. Size 1600mm wide x 1430mm drop.** Colour plain fawn. Measured for face fit. See install/replace Vertical blinds (1) for specifications
- 24 Remove vertical blinds complete with brackets as scrap and fill holes in ceramic wall**
tiles neatly with white grout.
- 25 Apply reflective film to window glass.**
Apply reflective film to window glass to make window one side view only, view must only be from inside of office to outside.
- 26 Remove loose and cracked front putty SS type windows, front putty are on inside of room.** Clean steel of all dirt and rust and paint glazing bars with Dulux or Plascon steel anti-rust primer or similar product from other manufacturer. Replace front putty to neat and straight finish.

WINDOWS INT AND EXT

- 27 Paint front putty and steel glazing bar two coats.**
Paint only front putty 1 coat Dulux or Plascon universal or similar product from other manufacturer under 2 finish coats white gloss enamel to match existing window paint. New putty to be painted only after 7 days.
- 28 Replace cracked/broken window panes (clear).size 350mm x 450mm x 3mm.**
Remove broken windowpane and clean frame from all rust and dirt. Paint frame with anti-rust metal primer. Fixing of glass shall comply with part N of section 3 of SABS 0400. The glass for glazing shall comply with (cks 55). The thickness of panes related to its area shall be in accordance with (SABS 0137). Glazing putty shall comply with (SABS 680). Back putty shall not exceed 3mm. Glazing shall be executed in accordance with (SABS 0137). Front putty must be straight and in line with the top of the frame profile. Glass panes shall have adequate clearance between the edges of glass and the rebates as no glass to metal/wood contact at any point will be permitted.
- 29 Paint residential small pane type window frame complete 2 coats.**
Spot prime all bare metal areas with anti-rust oil base Plascon or Dulux red oxide steel primer or similar product from other manufacturer. Paint 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer and 2 coats white Dulux or Plascon gloss enamel or similar product from other manufacturer. Item includes removing all old paint from glass area and cleaning of glass. Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. After painting window opening sections shall open and close easily. All Window handles, peg stays and sliding stays shall be remove to paint window and refitted after window has been paint. Contractor shall be responsible for any lost window fittings
- 30 Paint industrial SS53 type window frame complete interior and exterior 2 coats.**
Paint frames that was repaired. (See item 29 for specifications)

- 31 Paint industrial SS type window frame 2 coats only inside sections, when window is close.**
Sections that can be seen, (See item 29 for specifications)
- 32 Aluminium sliding window service.**
Replace wheels and rails of aluminium sliding window so that window open and close easy. Set closing latch to lock and un-lock easy.
- 33 Repair SS53 type steel window frame where window unit air conditioner was removed.**
Remove sheet metal plate that was fitted to close opening after air conditioners was removed, provide, cut to size and weld in 2 x 500mm long T glazing bars profile RT 6 that was cut out to fit the air conditioners. Window frame to be repair to original Condition. Item also include, cleaning of steel, apply paint primer coat and scaffolding necessary for exterior as window is on top floor of building. But exclude new window panes and painting of frame as items for this work is allowed separate.

DOORS/SECURITY GATES

- 34 Fix lock / door handle / door hinge (plug holes).Fix loose lock and or door handle, remove handle/lock complete, drill hole out with 6mm diameter wood drill, plug hole with 6mm dowel and wood glue and fit new screw.**
- 35 Replace door handle.**
Replace cylinder lock type mortice lock door handle with heavy duty sabs approved mortice lock door handle. Fit handle to door with right type and matching metal screw for type of door.
- 36 Remove for tiling wall and re-fit chrome plated cabin hooks.**
- 37 Remove for tiling fitted against wall rubber door stop and re-fit after tiling.**
- 38 Fit indicator locking bolt.**
Fit turning type indicator locking bolt to door. Screws for fixing of indicator locking bolts shall be of matching metal and finis.
- 39 Replace aluminium draught excluder (weather board aluminium type) Allow additional Aluminium angle 900mm long x 15mm x 15mm to fit with aluminium draught excluder as the door have indents.**
- 40 Fit HYDRAULIC DOOR CLOSER**
Provide and fit new hydraulic door closer. Fix closer with long 6mm bolts and nuts to go through door to flush panel door.
- 41 Repair door loose wood cover strip lock/hinge side, re-fix with wood glue and panel**
- 42 Plane door to fit including paint / varnish edge complete.**
Determine where door catches against frame or floor. Remove door if necessary and plane. If door catches on lock side the hinges must be removed and the door planed on hinge side. The hinges must then be checked in again to be flush with door. The clearance on top and on sides shall be 3mm and at bottom 6mm. Exposed wood on painted door shall be primed. Varnished doors, apply one coat varnish.
- 43 Paint door complete, 2 coats.** Previously painted doors: Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Remove handle, Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal undercoat and two coats Plascon Velve

glow paint as finish paint or similar product from other manufacturer. Let dry re fit handles. New doors to be painted: Remove lock and handles. Sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply one coat wood primer, one coat universal undercoat and two Plascon Velva glow paint as finish paint or similar product from other manufacturer. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.

44 Varnish door complete, 2 coats.

Previously varnished doors: Remove handles, door handles shall be removed before sanding and varnishing door. Wash door thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish. Re-fit door handles.

45 Remove double wood doors and door frame complete. Install new purpose build double aluminium frame hinged doors, doors to have centre rail fitted. Installed, complete with safety glass, Doors shall have 3 aluminium hinges per door fitted, Fit 2 flush barrel bolts and lock. Wall opening after old wood frame was removed is 1.60m wide x 2.05m high. Contractor to measure before have door frame manufactured. Aluminium door shall be of Wispeco or Clearway quality if similar product from other manufacturer is used. Corners of all frames and panels shall be accurately cut to form neat tight-fitting joints and be securely joined. Door outer frame sections must be of sufficient strength to afford minimum deflection in height and width in accordance with AAAMSA deflection limitation charts. Door sections will be of sufficient strength to ensure integrity with the glass panes. Glazing will be by means of clip-on glazing beads and gaskets to ensure weatherproof joints between glass and aluminium. Glass panes shall be clear 5 mm safety glass to S.A.B.S. specification 0137. Finishing will be natural anodized aluminium finish to S.A.B.S/SANS. Specification. The door shall be equipped with a NARROW STYLE ISEO LATCH LOCK with 6 keys. The whole assembly must comply with the AAAMSA Product categories A2 for Commercial application.

46 Paint previously painted security gate 2 coats

Item include all preparations of gate before painting, sand complete, wipe clean, spot prime bare steel surfaces, apply undercoat to spot primed areas, paint gate complete 1 coat Dulux or Plascon universal undercoat or similar product from other manufacturer and 1 coat Dulux or Plascon white gloss enamel or similar product from other manufacturer. Single standard 810 x 2030mm gate, 40mm square tubing outer frame. 25mm square tubing gate frame and 12mm diameter round bars

47 Remove door as scrap.

Remove door from door frame and remove as scrap from site.

DOOR FRAMES

48 Set door catch on frame.

Remove door catch screws, apply lock tight or similar product to screws, position catch that door will close easily but without any play and fixed screws tight.

49 Paint previously painted steel doorframes 2 coats

clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow too dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat Dulux or Plascon universal under coat or similar product from other manufacturer and one coat Dulux pearl glo White or Plascon velva glow white or similar product from other manufacturer as finishing coat. As allow paint to dry between coats as per manufacture specification.

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

FLOORS

50 Remove vinyl floor tiles and clean floor.

Remove interlocking vinyl floor tiles complete and clean floor from all adhesive.

51 Remove ceramic tiles complete from floor.

Remove ceramic tiles from sub-floor with all adhesive

52 Laminate flooring grade AC4 for commercial use, supply and install complete.

Clean floor of all dirt, install laminate as per specifications of manufacturer.

Laminate floor to comply with following specifications

Shall be Oregon colour from Floor trader or similar product from other manufacturer

Night & Day AC4-V4 and AC4

•**Top Surface: Melamine Impregnated Decorative Film. Protected by Anti Abrasive Overlay**

•**Core Material: Water Resistant H.D.F. (High Density Tropical Hardwood Fibre Board). Average**

Density >880/890 kg/m³. Impregnated with Core guard treatment = good water resistance quality/E1. Tongue is impregnated with Wax guard for extra water resistance

•**Bottom Surface: Balancing film**

•**Thickness: 8mm**

•**Length: 1216mm**

•**Width: 196mm**

•**Fit for use Grading: AC4/W32 EN 13329 compliance**

•**Installation method: Interlocking glue less Installation System**

•**Warranty: 25 Years Heavy Domestic. 5 years General Commercial use.**

•**Joint Strength: 700kg/lm as per ISO24334**

•**Abrasion Test: IP 4000 revolutions in compliance with EN13229**

•**Stain resistance: Rating 5 – no effect in compliance to EN13329**

•**Fire resistance: Flame retardant B1 in compliance to EN13329**

•**Thickness to swelling: < 8% swelling in accordance with EN13329**

•**Light Fastness: Level 6 – blue wool standard (no discolouration) in compliance with EN13329**

•**Formaldehyde Emissions: Measured in permissible P.P.M. Emissions is approved and tested to of Quality E1 in compliance with E.T.B Regulation**

Or following type from TOP CARPETS or similar product from other manufacturer

Inovar AC4-V4 and AC4. Colour Oregon

Top Surface: Melamine Impregnated Decorative Film. Protected by Anti Abrasive Overlay

Core Material: Water Resistant H.D.F. (High Density Tropical Hardwood Fibre Board). Average Density >880/890 kg/m³. Impregnated with Core guard treatment = good water resistance quality/E1. Tongue is impregnated with Wax guard for extra water resistance

Bottom Surface: Balancing film

Thickness: 8mm, Length: 1216mm, Width: 196mm

Fit for use Grading: AC4/W32 EN 13329 compliance

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Fire resistance: Flame retardant B1 in compliance to EN13329

Thickness to swelling: < 8% swelling in accordance with EN13329

Light Fastness: Level 6 – blue wool standard (no discolouration) in compliance with EN13329

Formaldehyde Emissions: Measured in permissible P.P.M. Emissions is approved and tested to of Quality E1 in compliance with E.T.B Regulation

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

- 53 Cut trench of 3.30m long x 50mm wide x 50mm deep in concrete slab floor with ceramic tile finish.**
Use angle grinder and diamond blade. To make provision for trunking for electrical lead. Trench lines to be straight and neatly cut, chisel concrete out and clean trench. Fit 50mm x 50mm PVC trunking in trench. Fix PVC tubing with 5mm hammer screws as necessary to keep tubing level in trench, space between PVC tubing and ceramic tiles with grey tile grout.

CUPBOARDS / COUNTERS / TABLE

- 54 Fit roller type cupboard door catch too cupboard door to keep door close.**
- 55 Remove existing post form top 3.10m long x 600mm wide and fit new 600mm wide natural oak Formica post form top one side bull nose 3.10m long**
- 56 Replace existing shelf 400mm wide with 400mm wide Formica post form top 2.430m**
long natural oak front edge bull nose, fit post form top shelf on 4 brackets of 25mm wide x 6mm 350mm x 350mm angle with stay. Brackets to be spray painted primer and white finish coat, powder coated. The 4 brackets to be fitted to wall with 2 each 6mm rawl bolts. Brackets on side to be fitted 150mm from side edges and other 2 brackets equally spaced between two side brackets.

PLUMBING INTERIOR

- 57 Service 15mm taps complete.**
Remove tap washer, reseal tap seat if necessary, replace tap washer, and set the flange screw and clean tap on outside of all dirt.
- 58 Remove and refit zip hydro boil to remove and re-tile wall tiles. Item include electrician cost to un-couple and re-couple electrical lead at hydro boil or isolater.**
- 59 Fix loose hydro boil over-flow pipe to wall.**
Fix loose hydro boil over flow pipe to wall with correct type holder bat for type of water
- 60 Clean excess silicon sealer from basin and wall tiles.**
Clean excess silicon sealer from basin and wall tiles with care to not damage basin or wall tiles
- 61 Fit sign to indicate woman or men toilet**
Fit standard type plastic sign or type first approve by Project manager. Sign size at lease 200mm x 200mm sign to door to indicate men and or woman toilet or ablution facilities. Clean door where sign to be fit with benzene and fix sign to door with double sided tape 4 x 50mm x 25mm wide

P AND G for asset 02XK007B: Movement depot office building.

- 62 P and G shall include all cost not directly relate to a specific item on the schedule of prices and rates.** All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after

HEALTH AND SAFTEY for asset 02XK007B: Movement depot office building

- 63 Health and safety. Cost for the risk and safety must include the risk assessment.** The

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

risk assessment is a full identification of the risks before the work starts and the necessary Equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project managers

22.3 Asset 02XK009B: Operation office building Gunhill.

CEILINGS

1 Repair suspended ceiling.

Replace all broken, cracked or defective panels with new panel to match existing panels in texture and colour.

2 Level suspended ceiling

Remove as necessary panels with care, pull up and or as necessary replace fit additional wires to level suspended ceiling and refit panels.

3 Wash suspended ceiling with heavy duty detergent

Wash ceiling thoroughly with hot water and detergent that will not damage the panels finish layer. Wash off dust and any traces of dirt. The surfaces must then be thoroughly rinsed with clean water and dried with clean soft cloths.

4 Install Pelican Donn system suspending ceiling complete with 1200mm x 600mm laminated white vinyl covered ceiling tiles with square edge to existing concrete ceiling. The boards shall be installed according to the manufacture's specification. Hold down clips must be used to hold the boards firmly in position. After installation the ceiling shall be level and all grid strips shall be straight. Use white Donn Products ceiling grid & accessories or white Mac steel interior systems grids and accessories or similar product from other manufacturer. Use the LSM 25 cornice wall moulding from Donn and T37 main tee with T32 cross tee and or similar system from Mac steel Interior systems or similar product from other manufacturer. Use 2.5mm pre stress galvanized wire, 4mm rod suspension system or 19mm wide galvanized sheet metal strap as hangers. The installation shall be done according to the specification of the relevant manufacture. After installation the ceiling shall be level and all grid strips shall be straight. No damaged strips or boards shall be approved. Ceiling hangers shall be anchor to concrete with hilt nails or anchor that will carry load of the suspended ceiling. All work shall be done in accordance with the SABISA's general specification for suspended ceilings. Floor to ceiling height do not exceed 2.50m. Distance between existing concrete ceilings to new suspended ceiling 180mm. No work in confined spaces.

5 Cut hole neatly in suspended ceiling board to fit neatly around overhead projector

6 Remove existing light fittings from suspended ceiling and fit at new position.

Remove light fittings with care after Transnet electrician had disconnected the wires. Remove suspended ceiling boards with care to re-fit light fittings at new positions as shown on site. Place light fittings in suspended ceiling at new position and fit suspended ceiling boards removed at new position of light fittings to where light fittings

7 Prepare concrete ceiling area for painting.

Wash ceiling thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of ceilings shall include the driving in of all proud standing nails at rhino or Nutec ceilings or similar product from other manufacturer or opening of all fine cracks with a sharp object, the filling of cracks and all small holes in ceiling with an appropriate filler. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface, removing all loose particles and dust ensuring that the surface is sound. Sand existing paint on ceilings to provide bond for new paint. After sanding, wipe ceiling thoroughly with clean damp cloth to remove sanding dust. Let ceiling dry completely before any paint is applied. No sweeping or dusting shall be done after the ceiling has been prepared for painting or while painting is in progress or while paint is still wet.

8 Work description: Remove loose paint from ceiling and treat area.

Bonding liquid. Solvent (often turpentine), transports resin into Rhino lite plaster or similar product from other manufacturer. When solvent evaporates, resin becomes hard stabilising porous/powdery surface. Therefore, bonding liquid is preferable for porous/powdery surfaces. Remove all loose flaking paint including chalking. Clean ceiling with damp cloth. Prime affected areas with a bonding liquid. Apply as recommended by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like, must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

9 Paint ceiling concrete ceiling 2 coats super acrylic PVA. Apply paint only after

preparation as per attached specification was done. Apply two coats Dulux or Plascon acrylic PVA or similar product from other manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

10 Repair crack in wall 3 to 5 mm wide.

Clean crack with sharp object and fill with 2 or 3 layers of Poly cell mend all or similar filler and finish smooth and level with wall.

11 Cover crack with Nutex ceiling board.

Supply Nutex board ceiling board or similar product from other manufacturer to cover cracks, cut board to size to cover crack, chamfer edges of board and sand edges smooth, use acrylic sealer as adhesive to fix board to wall, use steel nails as necessary to keep in position until sealer used as adhesive is dry and remove nails, fill nail holes with filler.

12 Cut off old electrical conduit pipe, remove from wall and repair hole on wall.

13 Prepare smooth plaster walls for painting.

Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of walls shall include opening all fine cracks with sharp object, the filling of cracks and all holes in wall with the appropriate filler or patching plaster, depending on the size of the cracks or holes. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. Let wall dry completely before any paint is applied. No sweeping or dusting shall be done after the wall had been prepare for painting, while painting is in progress or while paint is still

14 Remove loose paint and treat wall.

Bonding liquid. Solvent (often turpentine), transports resin into Rhino lite plaster or similar product from other manufacturer. When solvent evaporates, resin becomes hard stabilising porous/powdery surface. Therefore bonding liquid is preferable for porous/powdery surfaces. Remove all loose flaking paint, including chalking. Where the surfaces were coated with Lime-wash, rub down with a stiff brush removing all the Lime-wash, back to the original plaster. Apply a coat Alcolin Perm Bond or similar product from other manufacturer. Apply according to the manufacturer's specifications. Distempered plaster surfaces must be completely removed and washed down. Do not commence with painting unless the surfaces are properly dry. When the surface is ready for coating, where necessary, apply the appropriate primer. Wipe wall.

15 Paint new plaster walls and or cement fibre board with one coat plaster primer.

Ensure that all surfaces are clean and dry before painting. Allow new plaster to dry for at least 7 days under dry weather conditions. The areas under repair must be rubbed down to a smooth even finish. Brush down the surface, removing all loose particles of dust and ensure that the surface is sound. Apply one coat plaster primer. Allow plaster primer to dry for 16 hours before over coating with specified paint. Allow to dry overnight. Must be over coated within 14 days. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

16 Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk

finish paint or similar product from other manufacturer. Apply paint only after preparation as per attached specification. Colour: barely beige code 3h1-1

All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.

17 Chip 80% of wall and provide key coat on wall for ceramic tiles

Apply Tylon Key it or Tal primer and keying agent or similar product from other manufacturer to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply keying agent as specified by the manufacturer.

BEFORE ANY TILING MAY COMMENCE, THE TRANSNET FREIGHT RAIL REPRESENTATIVE MUST FIRST APPROVE THE SURFACE IN THE SITE BOOK.

18 Lay 1st grade 200 x 200mm white ceramic glazed wall tiles. Use 3mm spacers

*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK

*ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED.

*NEVER USE SPOT OR BLOB METHODS.

*NEVER BUTT JOINT TILES.

Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc. must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside,

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exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

19 Fit Plastic edge strip to ceramic tile edge.

Provide tile edge trim to conceal raw tile edges. Use right size trim for tile. Cut strips into correct lengths allowing neat mitres joint corners. Bed tile edge trim firmly into adhesive, allowing adhesive to penetrate the cut out sections. Place tiles on top making sure they are flush with the leading edge of the tile edge trim. Proceed with grouting as recommended by the manufacturer. No piece shall be shorter than 450mm

20 Fit ceramic tile cove plastic strip. (Internal plastic tile corner strip) above sink and post form top.

Provide tile cove trim to form neat joint between tiles and sink/bath. Use right size trim for tile. Cut strips into correct lengths allowing neat mitres joint corners. Bed tile edge trim firmly into adhesive allowing adhesive to penetrate the cut out sections. Place tiles on top making sure they are flush with the leading edge of the tile edge trim. Proceed with grouting as recommended by the manufacturer. No piece shall be shorter than 450mm in a long straight section.

21 Repair smooth plaster area.

Remove all loose and defective plaster on walls as required, cut perimeter straight, rake out joints to a depth of 6mm to form key for plaster, wet the bare brickwork well and re-plaster the surfaces with a 4:1 cement mortar, to match existing finish. New plaster shall be flush with adjoining surfaces of existing plaster.

22 Replace damaged wall paper from drywall partition size 3.00mx 2.860m

Remove wall paper with care not to damage wall panels, Supply paper to match existing wall paper colour and texture. Glue wall paper with as specified by the wall paper manufacturer, Make sure there is no air bubbles. Wall paper shall be smooth and shall be neatly finish.

23 Remove space type wall partition complete include boards and frame with care not to damage the boards, frame work or vinyl wall paper finish. Height of partition is 2.410m. Item include doors and door frames, but exclude the aluminium sliding door between office 1 and 2

24 Re-install space wall type partition that was remove complete at new position.

Partition 2.41m height. Install at new position in about centre of room to divide room in to two offices as shown on site, new partition position is from outside wall to new position off aluminium sliding door. All work shall be done to match existing work and to the satisfaction of the Transnet freight rail project manager. When complete wash with light liquid detergent to remove all dirt

25 Wash space type wall partitions wall paper.

Wash complete with liquid detergent to remove all dirt, rinse with clean water and dry with soft clean cloths.

26 Remove to replace wall paper and re fit space wall partition joint strip and corner strip.

Cornet strip is glued to wall paper.

27 Remove fixed item from wall to paint wall and refit after paint has dried.

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Remove items like notice boards, key cupboards, fan shelves and mirrors with frame to paint or tile wall and refit at same position. Store item at safe place where it would not damage, if lost or stolen contractor shall replace items.

WINDOWS INTERIOR

- 28 Paint window sills two coats grey Plascon or Dulux or similar product from other manufacturer floor paint.**

Item includes, wash, sand, and rinse with clean water and paint of previously painted window sill with 2 coats grey floor paint. Remove all polish with turps or thinners and sand window sill completely, clean sill with damp cloth to remove all sanding dust. Apply two coats of Plascon, Dulux gloss floor or similar product from other manufacturer for previously painted sills and two coats stone dressing to un-painted quarry tile window sills.

- 29 Replace vertical blinds complete with new rail with approved type blinds.** Size 1700mm wide x 1700mm drop. Colour plain fawn. Measured for face fit.

*** MESUREMENT***for recess fix blinds the clearance between bottom of blinds and window sill shall be 10 mm. For face fix blinds the blinds shall cover the window with plus 150 mm on each side of window where possible, the top of the blind shall be 100 mm above the lintel and the bottom of the blinds shall be 150 mm below the windowsill. Rails to be fit with quick snap-out clamps spaced not more than 900mm apart.

IMPORTANT - THE TOP POCKETS HOUSING THE LOUVRE SLATS/HANGERS AND THE BOTTOM POCKETS HOUSING THE MOULDED PVC BOTTOM WEIGHTS SHALL BE SEWN AND SHALL NOT GLUED OR HEAT SEALED

Track of extruded aluminium construction measuring 44,5mm wide by 25mm natural anodized finish (25 micron) as standard or an option of white powder coated finish. Fixing for TOP FIX (ceiling or recess fix) use extruded aluminium "QUICK CLIP FIX" brackets secured to the top of the recess with 5mm diameter x at least 40mm long "Hilti" prefix anchors, track to clipped into the brackets. For FACE FIX extruded aluminium "QUICK CLIP FIX" brackets are used which are firstly anchored to the wall by means of 5mm diameter x at least 40mm long "Hilti" prefix anchors and the track then clipped into the integral bracket. The brackets must be anodized or powder coated to match the specific track. Mechanism. The runners shall be of high quality construction incorporating a safety/slipping clutch to ensure the correct alignment of the blades. The runners to be 10mm wide and operate on wheels and are linked together with nylon links which ensure a minimum of 13mm overlap on each blade/vane. Control cord to be white, plastic tension type and the blades rotated cord bead chain cord. The hanger on the runner to be moulded from clear polycarbonate and to be the "peg" design. The vertical position of the blades is maintained by moulded PVC bottom weights (weighing 50 grams for 127mm blades and 38 gram for 90mm) in a pocket at the bottom of the vane/blade which are interconnected by means of twin, snap on, white and plastic link chain. Glass fibre and Acrylic composition; all of which are vinyl coated and anti-static treated.

- 30 Replace vertical blinds complete with new rail with approved type blinds.** Size 1800mm wide x 1800mm drop. Colour plain fawn. Measured for face fit.

(See replace vertical blinds item 29 for detail for specifications)

- 31 Replace vertical blinds complete with new rail with approved type blinds.** Size 990mm wide x 640mm drop. Colour plain fawn. Measured for recess fit.

(See replace Vertical blinds (item 29 for specifications detail)

WINDOWS INT AND EXT

32 Replace cracked/broken window panes (clear).

Remove broken windowpane and clean frame from all rust and dirt. Paint frame with anti rust metal primer. Fixing of glass shall comply with part N of section 3 of SABS 0400. The glass for glazing shall comply with (cks 55). The thickness of panes related to its area shall be in accordance with (SABS 0137). Glazing putty shall comply with (SABS 680). Back putty shall not exceed 3mm. Glazing shall be executed in accordance with (SABS 0137). Front putty must be straight and in line with the top of the frame profile. Glass panes shall have adequate clearance between the edges of glass and the rebates as no glass to metal/wood contact at any point will be permitted.

33 Paint residential large pane type window frame complete, with 1 coat Plascon or Dulux universal undercoat or similar product from other manufacturer and 2 coats white Dulux or Plascon gloss enamel paint or similar product from other manufacturer.

Item includes removing all old paint from glass area and cleaning of glass. Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with Dulux or Plascon anti rust metal primer or similar product from other manufacturer. Apply. After painting window all window openers sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible.

34 Paint window frame complete with window surround.

Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with oil based Plascon or Dulux metal primer or similar product from other manufacturer. Apply one coat Dulux or Plascon universal undercoat or similar product from other manufacturer and two coats Plascon or Dulux white gloss enamel paint or similar product from other manufacturer. After painting the window opener sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible

35 Replace steel window frame with purpose made to size aluminium sliding sash window

frame. Window opening size 970mm wide x 1560mm high. Fit type to match existing aluminium window frame type and appearance. Aluminium vertical window frame and sash members shall be heavy gauge aluminium alloy. All sections shall conform to details within commercial tolerance and shall be free from defects affecting strength, durability or appearance. All joint shall be self aligning and watertight. Finishing will be natural anodized aluminium to S.A.B.S. specification. Uninterrupted weather- stripping shall be inserted around the perimeter of the panels to form a continuous barrier between panels and frame. Continuous wrap-around glazing gaskets will be provided to ensure weatherproof joints between glass and aluminium. Glass panes shall be clear 4 mm float glass. Openers shall be equipped with a latch. Space between aluminium frame and outside face brick wall shall be made watertight with good quality clear silicone sealer. The plaster wall on the inside of building shall be neatly repaired to match existing finish and shall be painted with paint to match existing colour and finish.

DOORS/SECURITY GATES

36 Re-move and re-install aluminium sliding door at new position

Remove aluminium sliding door 2.480m long x 2.10m high with care for e-use and install complete at new position to match existing installation. Door is install between brick wall and space type partition wall, new position will also be between brick wall and space type partition wall.

- 37 Fit film to aluminium sliding aluminium and glass door to make glass only one way see through glass.** Film to be fitted to both glass panels of the aluminium sliding door. Size of door glass 2.4 x 2.10m high.

FLOORS

- 38 Work description: Remove vinyl floor tiles and clean floor**
Remove tiles completely and remove all debris from site.
- 39 Remove Berber point floor carpets and vinyl floor tiles under carpet complete**
Remove existing carpets completely, some of other office had carpet laid and glued to vinyl floor tile, Item include the removal of the carpet and the vinyl floor tiles to the concrete finish sub floor and the of the concrete sub floor.
- 40 Lay floor carpets Berber point, Colour charcoal.**
The laying of textile floor covering shall be in accordance with SABS 0186. The laying of carpets shall include all preparatory work to screed surfaces, priming and adhesives in accordance with the relevant manufacturer's instructions. Where skirting and quadrants are fixed the quadrants must be removed and the carpets laid against skirting, the quadrants must be re-fixed at their original place with new 32mm panel pins where no skirting or quadrants are fixed the carpets must be laid against the wall. After the carpets had been laid there must be no air bubbles and the cutting at doorframes must be neat. Where necessary doors must be cut at the bottom to have a clearance of 6mm. Glue marks on carpet tiles shall not be cleaned, tiles shall be.
- 41 Fit aluminium carpet strip, carpet to ceramic tile floor finish**
Fix aluminium carpet strip with 4 counter sunk self-tapping screws and Fisher plugs to floor. Fix screws 40 mm from ends and the other 3 screws to be evenly spaced between the end screws.
- 42 Chip 80% and provide key coat on floor for ceramic tiles.**
Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer or similar product from other manufacturer and keying agent for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat.
- 43 Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide, use tile adhesive as approved by manufacturer of ceramic tiles adhesive Type tile as per sample tile shown at site meeting.**
*BEFORE TILING COMMENCES, THE TRANSNET FREIGHT RAIL REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.
*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED.
*NEVER USE SPOT OR BLOB METHODS.
*NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON or similar product from other manufacturer must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be ceramic tiles. Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc. must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. All excess adhesive shall be removed from joints before drying has occurred.

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Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting.

Use only approved grout, mix grout with Tylon or Tal Bond-it in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

44 Lay 1st grade full body JohnsonTecnica 3333N 300x300 porcelain floor tiles or similar tiles from other manufacturer.

*BEFORE TILING COMMENCES, THE Transnet Freight Rail REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN THE SITE BOOK.

*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED.

*USE ONLY PORCELAIN TILE ADHESIVE

NEVER USE SPOT OR BLOB METHODS

*NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. Apply KEY IT from TAL or TYLON or similar product from other manufacturer over whole area. Use 10 x 6mm notched trowel to apply the porcelain adhesive. Joint shall be 5mm wide. Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. Joints shall be straight, continuous and pointed with waterproofing grout compound. Symmetrical arrangement of tiling shall be done, with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc. must be neat, with a gaps between 4 and 6mm. Tile shall be level to each other at joints. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Fill joints to lower edge of bevel and not level with the top of the tile.

WHEN LAYING PORCELAIN TILES THE KEY COAT MUST BE 100% DRY, IF NOT CHEMICAL REACTION BETWEEN KEY COAT AND PORCELAIN TILE ADHESIVE WILL PREVENT ADHESIVE FROM DRYING.

DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

45 Remove wooden skirting.

Completely remove existing skirting.

46 Work description: Fit ceramic tile skirting with tile edge strip

Chip skirting area to 80% and apply Tylon or Tal key coat or similar product from other manufacturer. Mix and apply key coat as recommended by the manufacturer. Cut ceramic tiles 100mm wide and fix to wall as skirting. Tiles shall be in straight line and the same specifications for tiling of walls and floors will be applicable.

47 Fit aluminium skirting for space wall partition 75mm wide.

Cut skirting to size, angles cut shall be square. Glue to space wall partition panels with contact adhesive or produce like "no nails"

CUPBOARDS / TABLE

48 Supply and install 900mm long x 600mm high x 380mm wide cabinet manufactured

from melamine supa wood complete with one shelf, fit above sink Cupboard to be manufacture with 2 doors, shelf, and standard 2 screw handles and hinges. Cupboard shall be manufactured from oak

melamine supra wood with oak melamine supra wood doors. Shelves to be white or oak melamine to match and shelf edges to be covered with high impact PVC edging. Cupboard to have 2 doors, 1 shelf and shall have 4 each about 100mm -150mm high chrome plated legs as base plinth. Cupboard to be closed at back with one piece white Masonite. Door edges to be covered with high impact PVC fitted with machine. Each door to be fitted with 2 each insert hinges, roller catches and standard chrome plated type handles with 2 screws per handle. Chipped or damaged cupboards will not be approved.

49 Supply and install 900mm long sink cabinet manufactured from melamine supra wood complete for overlay sink.

Cupboard to be manufactured with 2 doors, shelf and standard 2 screw handles and hinges. Item does not include the sink cupboard shall be manufactured from oak melamine supra wood with oak melamine supra wood doors. Shelves to be white or oak melamine to match and shelf edges to be covered with high impact PVC edging. Cupboard to have 2 doors, 1 shelf and shall have 4 each about 100mm - 150mm high chrome plated legs as base plinth. Cupboard to be closed at back with one piece white Masonite. Door edges to be covered with high impact PVC fitted with machine. Each door to be fitted with 2 each insert hinges, roller catches and standard chrome plated type handles with 2 screws per handle. Chipped or damaged cupboards will not be approved.

50 Fit 1.60m long x 600mm wide Formica post form top one side bull nose.

Fit between sink cupboard and brick wall with cleats on all three sides. Cleats shall have smooth finish and shall be 25mm wide x 75mm SA Pine cleats. Cleats fitted to wall with 6mm diameter hammer screws. Cut as necessary where top joint sink cabinet that is narrower as post form top, cut at angle and finish with Formica edging.

51 Fit 2.50m long x 250mm wide Formica post form top one side bull nose. To wall above safe. Fit to wall with four each purpose made brackets. Brackets made from 30mm x 5mm flat bar, bend 90 degree, with and 240mm carry section for shelf and 250mm wall section with 30mm stay section. Bracket to be cleaned, smooth and neatly finish. Spray paint brackets with primer and gloss duco or 2k finish coat or powder brackets. Fit bracket to wall with 2 x 8mm rawl bolts per bracket and 2 x chip board screws per

PLUMBING INTERIOR

52 Fit sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe.

Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.

53 Fit single sink rubber trap with clamps complete.

54 Install stainless steel sink single bowl 900mm long by 460mm wide drop on type.

complete with chrome plated brass outlet with plug to wood sink cabinet. Item exclude cabinet, Stainless steel sinks with draining boards for domestic use shall comply with the requirements of SABS Specification 242, and shall be constructed of Type 304 stainless steel with exposed surfaces having satin finish. All provided with splash backs, tilting keys at back and at ends where against walls. The stainless steel for bowls and draining boards having an overall length not exceeding 1,52m shall be 0,9 mm thick, but for draining boards having an overall length exceeding 1,52m shall be 1,25 mm thick. Mould resistant silicone sealer and sealer shall be applied between sink and wall,

55 Drill holes 15 up to 25mm diameter through up to 400mm wide brick wall for water pipe.

After pipes had been fitted holes shall be neatly repair around pipe to the satisfaction of the

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Representative/Agent

- 56 Drill hole up to 40-50mm diameter through up to 400mm wide brick wall for PVC waste pipe.**
After pipes had been fitted holes shall be neatly repair around pipe to the satisfaction of the Representative/Agent.
- 57 Supply and fit against wall 15mm diameter white pex aluminium multi-layer water pipe. Item include fixing pipe to wall with holder bats**
The pex aluminium multi-layer pipe shall be made from flexible aluminium tubing permanently bonded to layers of durable X-Linked Polyethylene (PEX). The pipes shall be SABS approved. Pipes shall be fix to wall with right type holder bats for the type and size pipes. Pipes shall be laid in straight and level line. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them.
- 58 Supply a water point for 15 mm pex aluminium multi-layer water pipe.**
Item to supply water point include the supply and installing of all the necessary couplings, connectors, bends, elbows, tees and other fittings as may be required, to supply water from the existing connection point to new tap, toilet cistern or urinal. Provision must be made for union couplings in strategic places. Fittings shall be SABS approved type fittings or and brass compression fittings. Each joint being formed shall have plastic insert fitted as specified by the manufacturer of the pipes
- 59 Install PVC waste pipe, item include all necessary fittings from basin to gulley/sewer as shown at the site briefing meeting, all bends and junctions shall be of access type Work description:**
Install or Replace waste pipe with holder bats complete. Replace hand washbasin waste pipe with 40mm or 50mm u PVC waste and vent pipes and fittings as per (SABS 791) According to National Building Regulations (SABS 0400-1990).

FIT/REPLACE ITEMS/ FURNITURE

- 60 Furniture move out of room up to 20m and move back to original position when work is completed.**
Move and move back equal one action, items that can be carried by one person=1 each, items that must be carried by two persons=2 each and 4 persons=4 each

P AND G for asset 02XK009B operation building Gunhill

- 61 P and G shall include all cost not directly relate to a specific item on the schedule of prices and rates.** All items not specifically mentioned in the Schedule of Rates and prices and form part of contractor's requirements such as cost of stationery, as well as establishment of workers on site and removal of site establishment, it will also include the handing over of the site to the contractor and the handing back of the site after

HEALTH AND SAFETY for asset 02XK009B operation building Gunhill

- 62 Health and safety cost for the risk and safety must include the risk assessment.** The risk assessment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented. Cost for risk and safety include complete compliance with the current Occupational Health & Safety Act. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors with all his staff that will work on the Transnet Freight Rail site shall attend Transnet safety the induction on the date as agreed on between TFR Project managers

23. Safe guard of contractor material, tools, equipment and plant

The contractor is responsible for the safe keeping of all his material and equipment on site, the contractor can have two staff members on site 24 hours 7 day a week to protect his material and equipment, these staff members will act as security and will not be allowed to sleep, wash or cook food on the Transnet premises. Nobody is allowed to stay and or sleep on Transnet Freight premises

24. Preliminary and General (P & G)

The P & G shall be as per the General and Special Conditions and will include all costs not directly related to the execution of the work as stated. All items not specifically mentioned in the Schedule of Rates and Prices should form part of the contractor's requirements such as the cost of stationary and so on. The P & G is made up of:

24.1 Fixed Charges (start-up costs and removal of site establishment) and will include the handing over of the site to the contractor and handing back of the site after completion.

24.2 Time Related items and this shall allow for and must be built in the fixed charge rate as in the above, for the full duration of the contract. Any additional time that may or may not be allowed for if the contract exceeds the completion date as agreed will be included in this price/rate.

24.3 The profit required to do the work shall be to the contractor's discretion and must be allowed for in all the items in the Schedule of Rates and Prices.

25 Health and safety

The contractor shall allow in his pricing for all material and supervision needed in their costing. This shall include:

25.1 Safety plan and risk assessment

25.2 Safety file

25.3 First aid kit and emergency numbers displayed.

25.4 Workers PPE (safety clothing (boots, gloves, safety hats, goggles as necessary per task)

25.5 Barriers, barrier tape and safety netting

25.6 Sign / notice board stating contractors name and that all visitors report to the site agent for induction to enter onto site and sign the site book

25.7 Need an incumbent with basic first aid training.

25.8 The contractor shall use the **Construction Work Check List** to ensure that all safety issues are dealt with and this must be kept on the safety file.

26 Access to site

Contractor to supply staff that will work at Transnet Freight Rail sites with Identification card with firm name, contact number on, photo of the staff member, staff member ID number and Transnet Freight Rail Supervisor Name and contact number.

Some buildings and areas are restricted and the contractor must first arrange with manager at this areas/building for permits to access the areas.

At all other buildings staff must report to a staff member working at the building that they will do repair work at the building

27 Services provided by the Employer

27.1 Water supply. Water may be made available for the purpose of construction of the Service 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 drums, connections, hoses, clamps etc., as necessary and to provide water to the working site.

27.2 Electricity supply. Electricity may be made available to the Contractor. The contractor must adhere to the safety standards as per the General Safety Regulations, Electrical Machine Regulations, Electrical Installation and the Regulations of the **Health and Safety Act**, (Act 85 of 1993) and SANS 10142. The Contractor must supply all leads and plugs as necessary and to provide power to the working site

28 Communication and Availability:

The Contractor shall provide sufficient communication facilities including e-mail address and fax machine in order that he may be reached at any time and place during the duration of the contract.

29 Handing over of Site

No work will commence on any individual project before the site has been officially handed over by the project manager by means of a written site hand over document and instruction in the Site Instruction Book.

30 Advertising rights & Trading

The Contractor acknowledge that he is acquainted with the provisions of section 14(2) of the Merchandise Marks Act of 1941, in terms of which he is prohibited from advertising the fact that he is a Contractor to Transnet unless the written authority of Transnet thereto has first been obtained. Transnet reserves all advertising rights on Transnet's property. The Contractor shall not trade on Transnet's property.

31 Supervision

the Transnet Property technical manager will delegate a responsible person (Project manager) to take control of the supervision and management of the contract. The contractor shall only respond

to these incumbents that have been appointed in writing, any instruction that is not given via the delegated managers will be null and void.

32 Inspection of work

- 32.1** During the progress of the contract, all materials used and all work being undertaken by the Contractor shall be subjected to periodic inspections.
- 32.2** Should at any stage in the progress of the said works, an inspection visit or test reveal any defects due to improper materials or workmanship or any other fault or neglect on the part of the Contractor, such defective materials or workmanship shall immediately be replaced or remedied by the Contractor at his own expense and to the entire satisfaction of the authorized representative.
- 32.3** No work shall be covered up or put out of view without the approval of the Project Manager. The Contractor shall afford full opportunity for the Project Manager to examine and measure any work, which is about to be covered up or put out of view before permanent work is place thereon.
- 32.4** The Contractor shall give due notice to the Project Manager whenever such work is ready or about to be ready for examination. The Project Manager shall without unreasonable delay, examine and or measure such work as required.
- 32.5** The Contractor shall uncover any parts or parts of the work or make openings in or through the same as the Project Manager may from time to time direct and shall reinstate and make good such parts to the satisfaction of the Project Manager. The Contractor's costs for the reinstating shall be borne by the Contractor.

33 Instructions to the contractor

All the instructions to the Contractor shall be confirmed in writing and only requests that are received in writing, (By Fax) or written in the recognized Site Instruction book will be accepted for payment.

34 Program & Planning of the work:

The contractor shall provide to the Project Manager with a detailed plan of how he intends to do the work. This plan must be to the requirements of the operation of Transnet freight rail with minor disruptions as no delays must be allowed for in this regard. The program must be agreed to (in the site instruction book) before any work will be allowed to commence. The program can be in a form of a pert (bar) chart and will be used as a guide to measure progress of the work.

35 Additional work

No work will be recognized for additional payment unless it has been asked for and a variation order approved and the VO recorded and signed by the Project Manager in the aforesaid book.

36 Store for contractor material equipment

The contractor will provide his own portable store facilities, the store appearance shall be subject to the approval of the Transnet project manager. The location where the store may be placed shall be

showed to the contractor by the Transnet freight rail Project manager and the store may only be place at this approved location.

37 Measure of work

Contractor to check all measurements provided on work and price list before submitting quote per project. The list provided by Transnet is only a guide, contractor to inform project manager of any discrepancies in measurements and quantities before submitting quote for Project. Contractor is also responsible to do all measuring work for material needed.

38 Hire equipment

If necessary to hire any equipment to do any work, the payment for the hire equipment shall be for the contractors account. These costs shall be included in the quote for the project.

39 Working outside normal working hours:

Normal working hours are between 07:30 and 16:00 Mondays to Fridays.

The Project manager, the contractor and Manager of the Transnet staff using the building will meet to discuss and agree if contractor requests work outside the normal hours as indicated above and on Weekends and Public Holidays... Due to security reasons this may be disallowed...

40 Insurance

The contractor shall provide the insurance for the Public Liability and safety of contractor's employees.

40. Substance abuse testing

The OHSA (Act 85 of 1993) clearly states in the Safety Regulations no. 2A "INTOXICATION" An employer or user, as the case may be, shall not permit any person who appears to be under the influence of intoxicating liquor or drugs, to enter or remain at a workplace". Transnet Freight Rail enforces this legislation by means of its Substance Abuse Policy, and therefore reserves the right to do substance abuse testing on anyone who enters

41. Contractor's Invoice

41.1 When the *Service Manager* certifies payment following an assessment date, the *Contractor* complies with the *Employer's* procedure for invoice submission.

41.2 The invoice must correspond to the *Service Manager's* assessment of the amount due to the *Contractor* as stated in the payment certificate.

41.3 The invoice states the following:

- Invoice addressed to Transnet Limited;
- Transnet Limited's VAT No: 4720103177;
- Invoice number;

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

- The *Contractor's* VAT Number; and
- The Contract number

41.4 The invoice contains the supporting detail

41.5 The invoice is presented either by post or by hand delivery.

41.6 A Purchase order will be issued to the service provider to commence with work which should be carried out within 30 days from date of receiving the purchase order.

41.7 The invoice is presented as an original.

NB: The contractor is responsible for his own measurements where applicable, however, where rates are given the actual work done will be measured on completion and paid accordingly.

TRANSNET FREIGHT RAIL
ENQUIRY NUMBER: BFX/54060
DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN
KROONSTAD WITHIN A PERIOD OF 3 MONTHS

Respondent's signature:

Date and Company stamp

TRANSNET FREIGHT RAIL
 ENQUIRY NUMBER: BFX/54060
 DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN
 KROONSTAD WITHIN A PERIOD OF 3 MONTHS

E7/1 (July 1998)

SPECIFICATION FOR WORKS ON, OVER, UNDER OR ADJACENT TO RAILWAY LINES AND NEAR HIGH VOLTAGE EQUIPMENT

(This Specification shall be used in Transnet Contracts)

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ANNEXES

1. Horizontal clearances 1 065 mm gauge
2. Vertical clearances 1 065 mm gauge
3. Clearances 610 mm gauge
4. Platform clearances

1 DEFINITIONS

The following definitions shall apply:

Authorised Person. A person whether an employee of Transnet or not, who has been specially authorised to undertake specific duties in terms of Transnet's publication SAFETY INSTRUCTIONS: HIGH-VOLTAGE ELECTRICAL EQUIPMENT, 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 Transnet to carry out work on its behalf.

Dead. Isolated and earthed.

Electrical Officer (Contracts). The person appointed in writing by the responsible Electrical Engineer in Transnet 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 Transnet 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 1 000 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 Transnet 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.

TRANSNET FREIGHT RAIL

ENQUIRY NUMBER: BFX/54060

DESCRIPTION OF THE WORKS: MAINTENANCE WORK TO ASSETS 02WK001B, 02XK007B AND 02XK009B IN KROONSTAD WITHIN A PERIOD OF 3 MONTHS

Project Manager. The person or juristic person appointed by Transnet 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 staff under his control to work on, over, under or adjacent to railway lines and in the vicinity of high-voltage electrical equipment.

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

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.

PART A - GENERAL SPECIFICATION

2. AUTHORITY OF OFFICERS OF TRANSNET

- 2.1 The Contractor shall co-operate with the officers of Transnet and shall comply with all instructions issued and restrictions imposed with respect to the Works which bear on the existence and operation of Transnet's railway lines and high-voltage equipment.
- 2.2 Without limiting the generality of the provisions of 2.1, any duly authorised representative of Transnet, having identified himself, may stop the work if, in his opinion, the safe passage of trains or the safety of Transnet assets or any person is affected. **CONSIDERATIONS OF SAFETY SHALL TAKE PRECEDENCE OVER ALL OTHER CONSIDERATIONS.**

3. CONTRACTOR'S REPRESENTATIVES

- 3.1 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 Technical Officer with the names, addresses and telephone numbers of the representatives.
- 3.2 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. OCCUPATIONS AND WORK PERMITS

- 4.1 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 Technical Officer and at times to suit Transnet requirements.
- 4.2 The Contractor shall organise the Works in a manner, which will minimise the number and duration of occupations and work permits required.
- 4.3 Transnet 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.
- 4.4 The Contractor shall submit to the Technical Officer, in writing, requests for occupations or work permits together with details of the work to be undertaken, at least 14 days before they are required. Transnet does not undertake to grant an occupation or work permit for any particular date, time or duration.
- 4.5 Transnet 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 4.6 to 4.8.

- 4.6 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.
- 4.7 When the Contractor is notified less than 2 hours before the schedule 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.
- 4.8 Reimbursement the Contractor for any loss of working time in terms of 4.6 and 4.7, 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 Technical Officer certifies that no other work on which the labour and plant could be employed was immediately available.
- 4.9 Before starting any work for which an occupation has been arranged, the Contractor shall obtain from the Technical Officer written confirmation of the date, time and duration of the occupation.
- 4.10 Before starting any work for which a work permit has been arranged, the Responsible Representative shall read and sign portion C of form No. T.1276 signifying that he is aware of the limits 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 T.1276 form, thereby acknowledging that he is aware that the electrical equipment is to be made "live". The Contractor shall advise all his workmen accordingly.

5. SPEED RESTRICTIONS AND PROTECTION

- 5.1 When speed restrictions are imposed by Transnet 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.
- 5.2 When the Technical Officer 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 Transnet's and the Contractor's personnel and assets, the public and including trains. Transnet will provide training free of charge of the Contractor's flagmen and other personnel performing protection duties. The Contractor shall consult with the Technical Officer, whenever he considers that protection will be necessary, taking into account the minimum permissible clearances set out in appendixes 1 to 4.
- 5.3 The Contractor shall appoint a Responsible Representative to receive and transmit any instruction, which may be given by Transnet personnel providing protection.

6. ROADS ON TRANSNET PROPERTY

The provision of clause 25 of the E.5, General Conditions of Contract, or clause 23 of the E.5 (MW), General Conditions of Contract for Maintenance Works, shall apply to the use of existing roads on Transnet's property.

7. CLEARANCES

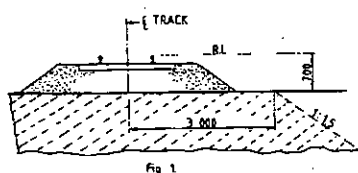
7.1 No temporary works shall encroach on the appropriate minimum clearances set out in Annexure 1 BE97-01 Sheets 1,2, 3 and 5 of 5.

8. STACKING OF MATERIAL

8.1 The Contractor shall not stack any material closer than 3 m from the centre line of any railway line without prior approval of the Technical Officer.

9. EXCAVATION, SHORING, DEWATERING AND DRAINAGE

9.1 Unless otherwise approved by the Technical Officer any excavation adjacent to a railway line shall not encroach on the hatched area shown in Figure 1.



9.2 The Contractor shall provide at his own cost any shoring, dewatering or drainage of any excavation unless otherwise stipulated elsewhere in the Contract.

9.3 Where required by the Technical Officer, 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.

9.4 The Contractor shall prevent ingress of water to the excavation but where water does enter, he shall dispose of it as directed by the Technical Officer.

9.5 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.

10. FALSEWORK FOR STRUCTURES

10.1 Drawings of falsework for the construction of any structure over, under or adjacent to any railway line shall be submitted to the Technical Officer 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.

- 10.2 After the falsework has been erected and before any load is applied, the Contractor shall submit to the Technical Officer 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 Technical Officer to proceed, the Contractor shall be entirely responsible for the safety and adequacy of the falsework.

11. PILING

- 11.1 The Technical Officer will specify the conditions under which piles may be installed on Transnet property.

12. UNDERGROUND SERVICES

- 12.1 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.
- 12.2 Any damage shall be reported immediately to the Technical Officer, or to the official in charge at the nearest station, or to the traffic controller in the case of centralised traffic control.

13. BLASTING

- 13.1 The provisions of clause 23 of the E.5, General Conditions of Contract or clause 21 of the E.5 (MW), General Conditions of Contract for Maintenance Work, shall apply to all blasting operations undertaken in terms of the Contract.
- 13.2 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).
- 13.3 Blasting within 500m of a railway line will only be permitted during intervals between trains. A person appointed by the Technical Officer, 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.
- 13.4 The flagmen described in 13.3, where provided by Transnet, are for the protection of trains and Transnet 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.
- 13.5 The person described in 13.3 will record in a book provided and retained by Transnet 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.

13.6 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 Technical Officer and the person who will do the blasting shall both sign the book whenever an entry described in 13.5 is made.

13.7 The terms of clause 27 hereof shall be strictly adhered to.

14. RAIL TROLLEYS

14.1 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 Technical Officer and under the conditions stipulated by him.

14.2 All costs in connection with such trolley working requested by the Contractor shall, unless otherwise agreed, be borne by the Contractor, excluding the costs of any train protection services normally provided free of charge by Transnet.

15. SIGNAL TRACK CIRCUITS

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

15.2 No signal connections on track-circuited tracks shall be severed without the Technical Officer's knowledge and consent.

16. PENALTY FOR DELAYS TO TRAINS

16.1 If any trains are delayed by the Contractor and the Technical Officer is satisfied that the delay was avoidable, a penalty will be imposed on the Contractor of R5 000 per hour or part thereof for the period of delay, irrespective of the number of trains delayed.

PART B - ADDITIONAL SPECIFICATION FOR WORK NEAR HIGH-VOLTAGE ELECTRICAL EQUIPMENT

17. GENERAL

- 17.1 This specification is based on the contents of Transnet's publication SAFETY INSTRUCTIONS, HIGH-VOLTAGE ELECTRICAL EQUIPMENT, 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 Transnet, and the onus rests on the Contractor to ensure that he obtains a copy.
- 17.2 The Contractor's attention is drawn in particular to the contents of Part I, Sections 1 and 2 of the Safety Instructions : High-Voltage Electrical Equipment.
- 17.3 The Safety Instructions : High-Voltage Electrical Equipment 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).
- 17.4 This specification must be read in conjunction with and not in lieu of the Safety Instructions : High-Voltage Electrical Equipment.
- 17.5 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 tools he is using or any equipment he is handling, to come within 3 metres of any live high-voltage equipment.
- 17.6 The Contractor shall regard all high-voltage equipment as live unless a work permit is in force.
- 17.7 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 Transnet staff where this is necessary.
- 17.8 No barrier shall be removed unless authorised by the Electrical Officer (Contracts).

18. WORK ON BUILDINGS OR FIXED STRUCTURES

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.

- 18.2 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.
- 18.3 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.

19. WORK DONE ON OR OUTSIDE OF ROLLING STOCK, INCLUDING LOADING OR UNLOADING

- 19.1 No person shall stand, climb or work whilst on any platform, surface or foothold higher than the normal unrestricted places of access, namely -
- (i) the floor level of trucks;
 - (ii) external walkways on diesel, steam and electric locomotives, steam heat vans, etc. and
 - (iii) walkways between coaches and locomotives.

When in these positions, no person may raise his hands or any equipment or material he is handling above his head.

- 19.2 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.
- 19.3 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.
- 19.4 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.
- 19.5 Where the conditions in 19.1 to 19.3 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 Transnet and at its costs, 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 in Transnet.

20. USE OF EQUIPMENT

- 20.1 Measuring Tapes and Devices
- 20.1.1 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.
- 20.1.2 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.
- 20.1.3 Special measuring devices longer than 2 metres such as survey staves and rods may be used if these are of non-conducting material and approved by the responsible Electrical Engineer in Transnet, but these devices must not be used within 3 metres of live high-voltage equipment in rainy or wet conditions.
- 20.1.4 The assistance of the Electrical Officer (Contracts) shall be requested when measurements within the limits defined in 20.1.1 to 20.1.3 are required.

- 20.1.5 The restrictions described in 20.1.1 to 20.1.3 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.

20.2 Portable Ladders

- 20.2.1 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.

21. CARRYING AND HANDLING MATERIAL AND EQUIPMENT

- 21.1 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 two or more persons so as to maintain it as nearly as possible in a horizontal position should carry such material. The utmost care must be taken to ensure that no part of the material comes within 3 metres of any live high-voltage equipment.
- 21.2 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.
- 21.3 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.

22. PRECAUTIONS TO BE TAKEN WHEN ERECTING OR REMOVING POLES, ANTENNAE, TREES ETC.

- 22.1 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.
- 22.2 The cost of supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.
- 22.3 The provisions of clauses 22.1 and 22.2 shall also apply to the erection or removal of columns, antennae, trees, posts, etc.

23. USE OF WATER

- 23.1 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.

24. USE OF CONSTRUCTION PLANT

- 24.1 "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.
- 24.2 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.
- 24.3 The cost of any supervision by an Authorised Person and the provision of earthing shall, unless otherwise agreed, be borne by the Contractor.
- 24.4 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.
- 24.5 Clauses 24.1 to 24.4 shall apply mutatis mutandis to the use of maintenance machines of any nature.

25. WORK PERFORMED UNDER DEAD CONDITIONS UNDER COVER OF A WORK PERMIT

- 25.1 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.
- 25.2 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.

26. TRACTION RETURN CIRCUITS IN RAILS

- 26.1 DANGEROUS CONDITIONS CAN BE CREATED BY REMOVING OR SEVERING ANY BOND.
- 26.2 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 Transnet personnel.
- 26.3 The Contractor shall not break any permanent bonds between rails or between rails and any structure. He shall give the Technical Officer at least 7 days written notice when removal of such bonds is necessary.
- 26.4 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.

27. BLASTING

- 27.1 The Contractor shall obtain the permission of the Electrical Officer (Contracts) before blasting, and shall give at least 14 days notice of his intention to blast.
- 27.2 No blasting shall be done in the vicinity of electrified lines unless a member of Transnet's electrical personnel is present.
- 27.3 The terms of clause 13 hereof shall be strictly adhered to.

28. HIGH-VOLTAGE ELECTRICAL EQUIPMENT NOT MAINTAINED AND/OR OPERATED BY TRANSNET

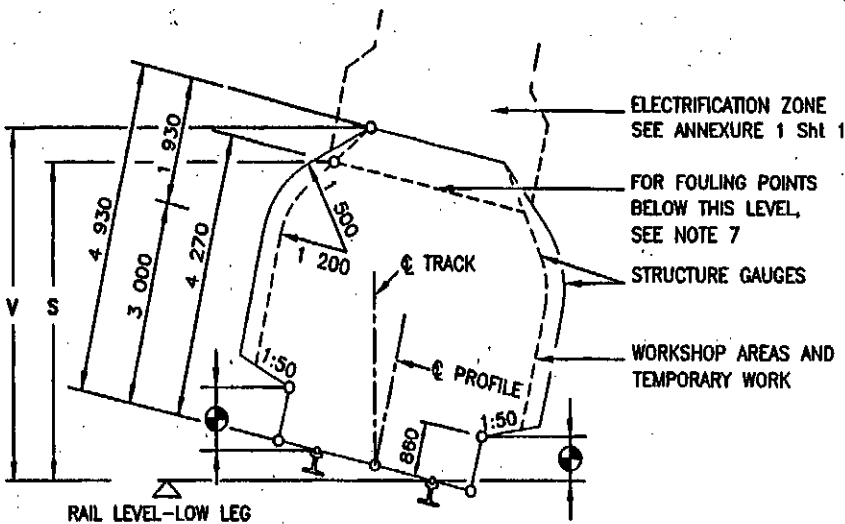
Where the work is undertaken on or near high-voltage electrical equipment which is not maintained and/or operated by Transnet, the Occupational Health and Safety Act No. 85 of 1993, and Regulations and Instructions, or the Mines Health and Safety Act (Act 29 of 1996), shall apply.

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.

ANNEXURE 1
 SHEET 2 of 5
 AMENDMENT

VERTICAL CLEARANCES :
 1 065mm TRACK GAUGE



LOCATION	RADIUS (mm)	NOT ELECTRIFIED S (mm)	ELECTRIFIED (PRESENT OR FUTURE)	
			3kV & 25kV V (mm)	50kV V (mm)
ALL AREAS OTHER THAN THOSE INDICATED BY * BELOW	100	4 470	5 050	5 400
	300	4 410	5 020	5 370
	600	4 370	5 000	5 350
	1 000	4 350	4 990	5 340
	1 500	4 310	4 960	5 310
	2 000	4 290	4 940	5 290
	>3 000	4 270	4 930	5 280
* OVER OR NEAR POINTS AND CROSSING IF REQUIRED BY ELECTRICAL IRRESPECTIVE OF RADIUS			5 650	6 000

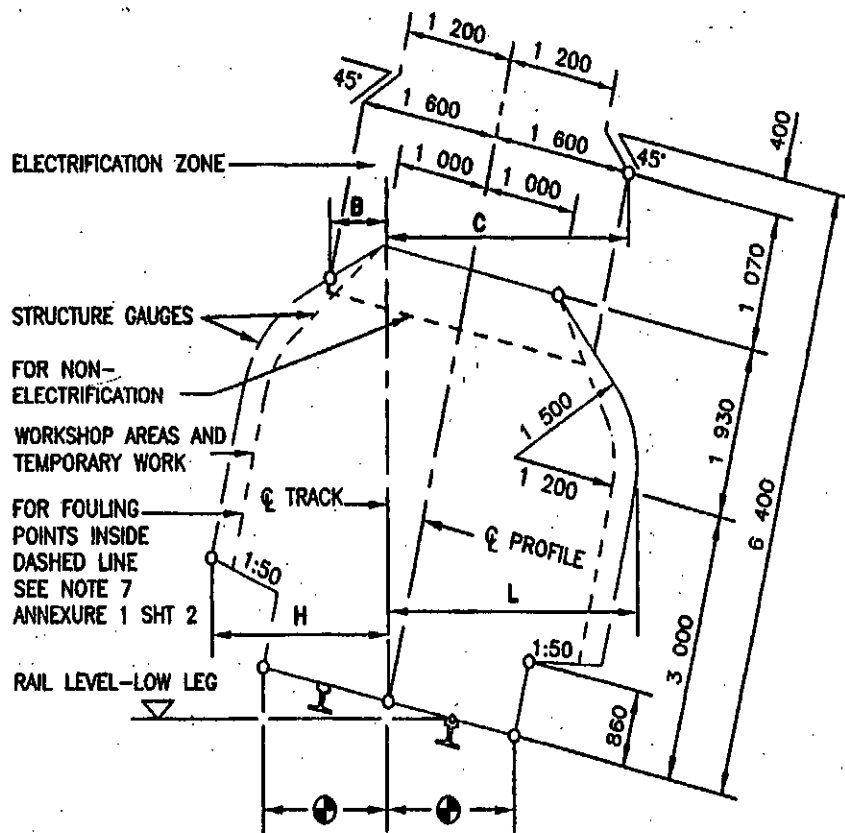
REMARKS:

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.

HORIZONTAL CLEARANCES :
1 065mm TRACK GAUGE

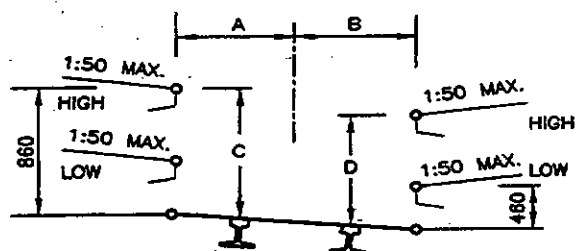
RADIUS (m)	WITH CANT		NO CANT H & L	WITH CANT	
	H (mm)	L (mm)		B (mm)	C (mm)
90	2 730	3 090	2 780	1 130	2 100
100	2 700	3 030	2 750	1 140	2 050
120	2 650	2 970	2 700	1 160	2 010
140	2 620	2 920	2 860	1 175	1 990
170	2 590	2 870	2 830	1 190	1 970
200	2 570	2 820	2 600	1 205	1 950
250	2 550	2 790	2 580	1 230	1 920
300	2 540	2 760	2 580	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	1 780
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

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.

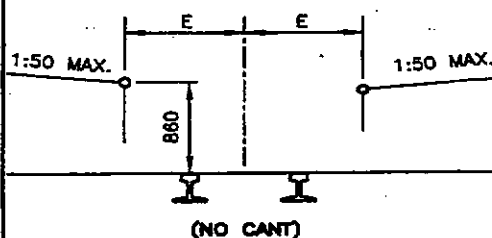


CLEARANCES : PLATFORMS

PASSENGERS



GOODS

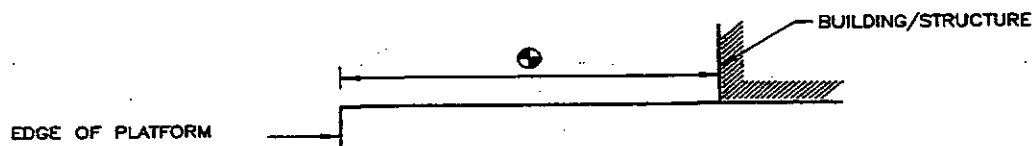


RADIUS (m)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
90	1 690	1 820	890	810	1 840
100	1 650	1 790	890	810	1 810
120	1 610	1 740	890	810	1 760
140	1 580	1 700	890	810	1 720
170	1 550	1 660	890	810	1 690
200	1 530	1 630	890	820	1 670
250	1 520	1 600	890	820	1 640
300	1 520	1 580	890	830	1 620
350	1 520	1 560	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.

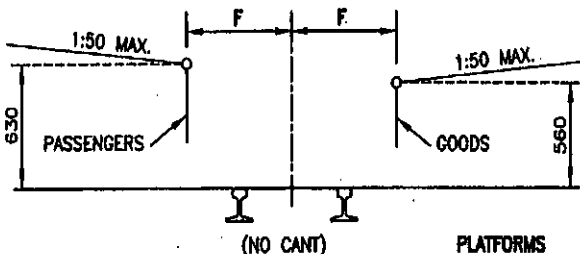
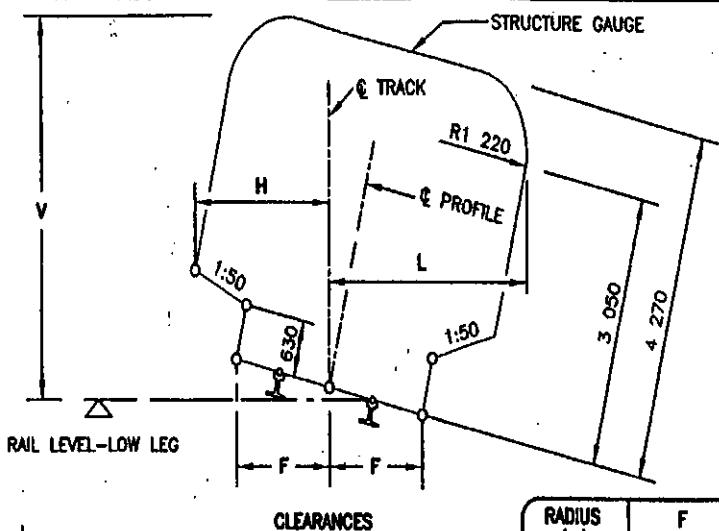
STRUCTURES ON PLATFORMS : 1 065mm AND 610mm TRACK GAUGE



ANNEXURE 1
 SHEET 5 of 5
 AMENDMENT

CLEARANCES : 610mm TRACK GAUGE

RADIUS (m)	WITH CANT		NO CANT	V (mm)
	H (mm)	L (mm)	H & L (mm)	
50	2 370	2 490	2 400	4 320
70	2 310	2 420	2 330	4 310
100	2 260	2 370	2 280	4 310
140	2 220	2 340	2 250	4 310
200	2 200	2 300	2 220	4 300
300	2 190	2 270	2 200	4 300
500	2 180	2 230	2 190	4 280
700	2 170	2 200	2 180	4 270
1 000	2 170	2 170	2 170	4 270
>2 000	2 160	2 160	2 160	4 270



RADIUS (m)	F (mm)
50	1 550
60	1 510
80	1 460
100	1 430
120	1 410
140	1 390
170	1 380
200	1 370
250	1 360
300	1 350
600	1 330
1 000	1 320
>2 000	1 320
STRAIGHT	1 310

REMARKS:

1. H IS THE MINIMUM HORIZONTAL CLEARANCE ON THE OUTSIDE OF THE CURVE BASED ON MINIMUM CANT.
2. L IS THE MINIMUM HORIZONTAL CLEARANCE ON THE INSIDE OF THE CURVE BASED ON MAXIMUM CANT.
3. V IS THE MINIMUM VERTICAL CLEARANCE.
4. FOR APPLICATION AT CURVES:
 - 4.1 APPLY INCREASED CLEARANCES FOR CURVES TO POINTS 2m 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 18m ALONG STRAIGHTS.
5. INTERMEDIATE VALUES MAY BE INTERPOLATED BY THE ENGINEER IN CHARGE.
6. ALSO REFER TO REMARKS 5, 6 AND 7 OF ANNEXURE 1 SHEET 2.
7. CLEARANCES ARE BASED ON 9 700mm BOGIE CENTRES AND 13 700mm VEHICLE BODY LENGTH.
8. SEE ANNEXURE 1 SHEET 3 FOR STRUCTURES ON PLATFORMS.

BE 97-01 Sht 5 of 5 DATE : JUNE 2000

PART 4: SITE INFORMATION

1. Description of the Site and its surroundings

1.1. General description

The work is to be carried out at assets of Transnet Freight Rail Kroonstad. Assets is in Radius of not more than 10km from Kroonstad Station.

1.2. Access Limitations

The areas are restricted and the contractor must ensure he complies with the regulations of Transnet in every way. Contractor and/or any sub-contractors shall be required to arrange with the Transnet Freight Rail Real Estate Project Manager, Mr Dirk Biggs, contact numbers, 056 268 2074 or 083 272 0839, for permission to enter the restricted area.

1.3. Ground conditions in areas affected by work in this contract

No ground conditions that will influence work at the various sites.

1.4. Hidden and other services within site

No hidden services