

## REQUEST FOR QUOTATIONS

Transnet Freight Rail a Division of Transnet SOC Ltd, invites all interested parties to respond to a request for quotation (RFQ) as indicated below. All RFQ's should be submitted on the appropriate tender forms and should be deposited in the Tender Box before 12h00 on the closing date of the RFQ/s.

If delivered by hand, the RFQ submissions must be addressed to The Secretariat of the Transnet Freight Rail Acquisition Council, Admin Support, Supply Chain Services Building, 1st Floor foyer, Stow Road, Uitenhage, 6229. If posted Transnet Freight Rail, Secretariat of the Acquisition Council, Admin Support Office, Po Box 95, Uitenhage, 6230

RFQ documents may be obtained **Free Of Charge** on and after 10 September 2013 at the Supply Chain Services Building, Room 105, 1<sup>st</sup> Floor, Stow Road / Uitenhage during the office hours **09h00 to 15h00** during weekdays.

RFQ documents may be viewed from the website by clicking on the RFQ number that is highlighted in red on the website: (<http://www.transnetfreight-rail-tfr.net>)

**RFQ NUMBER** : PTH 52466

**DESCRIPTION** : **RENOVATE AND PAINT INTERIOR (INCLUDING ELECTRICAL) OF SCHOOL OF RAIL BUILDING ( 02YA100E) NORTH END, PORT ELIZABETH**

**A COMPULSORY INFORMATION MEETING AND SITE INSPECTION WILL BE HELD**

**DATE** : 16 September 2013

**TIME** : 10:00

**VENUE** : **AT CORNER BROAD AND PATTERSON ROAD, (AT BUILDING) NORTH END. FOR DIRECTIONS PLEASE CONTACT JOHAN CELL 083 286 5390**

**CLOSING DATE**: 1 October 2013 @ 12H00.

For enquiries regarding the collection of the RFQ please contact:

**NAME** : R.BLOM

**TEL** : 041 -- 994 2045

**Email**: [Ronelle.blom@transnet.net](mailto:Ronelle.blom@transnet.net) Transnet Freight Rail urges Clients & Suppliers to report fraud/corruption at Transnet to TIPOFFS ANONYMOUS: 0800 003 056



Transnet freight rail, a division of

**TRANSNET SOC LTD**

Registration Number: 1990/000900/30

[hereinafter referred to as Transnet]

**REQUEST FOR QUOTATION [RFQ] No : PTH 52466**

**FOR THE : RENOVATE AND PAINT INTERIORS (INCLUDING ELECTRICAL) OF  
SCHOOL OF RAIL BUILDING ( 02YA1006) NORTH END, PORT ELIZABETH:**

**ISSUE DATE : 10 September 2013**

**CLOSING DATE: 1 October 2013**

**CLOSING TIME: 12:00**

**COMPULSORY INFORMATION BRIEFING SESSION AND SITE MEETING**

Date: 16 September 2013

Time: 10:00

Venue: CORNER BROAD AND PATTERSON ROAD, (AT BUILDING) NORTH END.  
FOR DIRECTIONS PLEASE CONTACT JOHAN CELL 083 286 5390

**NB: IF MINUTES OF THE INFORMATION BRIEFING / SITE MEETING THAT WAS HELD  
IS NOT RECEIVED BY BIDDERS WITHIN 48 WORKING HOURS, BY EMAIL OR FAX,  
THE BIDDERS SHOULD SEND A REQUEST FOR MINUTES TO :**

**Dixie.diedericks@transnet.net**

**Contacts:**

Up to the closing date : Dixie : dixie.diedericks@transnet.net Tel 041 994 2033

After closing date : Ronelle : ronelle.blom@transnet.net Tel 041 994 2045

**SCHEDULE OF DOCUMENTS**

|           |   |                           |              |
|-----------|---|---------------------------|--------------|
| SECTION 1 | : | NOTICE TO BIDDERS         | PAGE 3 - 9   |
| SECTION 2 | : | QUOTATION                 | PAGE 10 - 11 |
| SECTION 3 | : | GENERAL CONDITIONS        | PAGE 15 - 19 |
| SECTION 4 | : | PROJECT SPECIFICATIONS    | PAGE 20      |
| SECTION 5 | : | CERTIFICATE OF ATTENDANCE | PAGE 22      |
| SECTION 6 | : | ATTACHMENTS               | PAGE 23      |

**"PREVIEW COPY ONLY"**

## Section 1 NOTICE TO BIDDERS

Quotations which must be completed as indicated in Section 2 of this RFQ are to be submitted as follows:

**METHOD:**

Post and/or courier

**CLOSING VENUE:**

**Postal Address:**

Transnet Freight Rail  
 Secretariat of the Acquisition Council, Admin Support Office  
 Po Box 95  
 Uitenhage  
 6230

**Physical Address:**

Transnet Freight Rail  
 Secretariat of the Acquisition Council, Admin Support Office  
 Supply Chain Services Building  
 1<sup>st</sup> Floor Passageway  
 Stow Road  
 Uitenhage  
 6229

**1 Responses to RFQ**

Responses to this RFQ [Quotations] must not include documents or reference relating to any other quotation or proposal. Any additional conditions must be embodied in an accompanying letter.

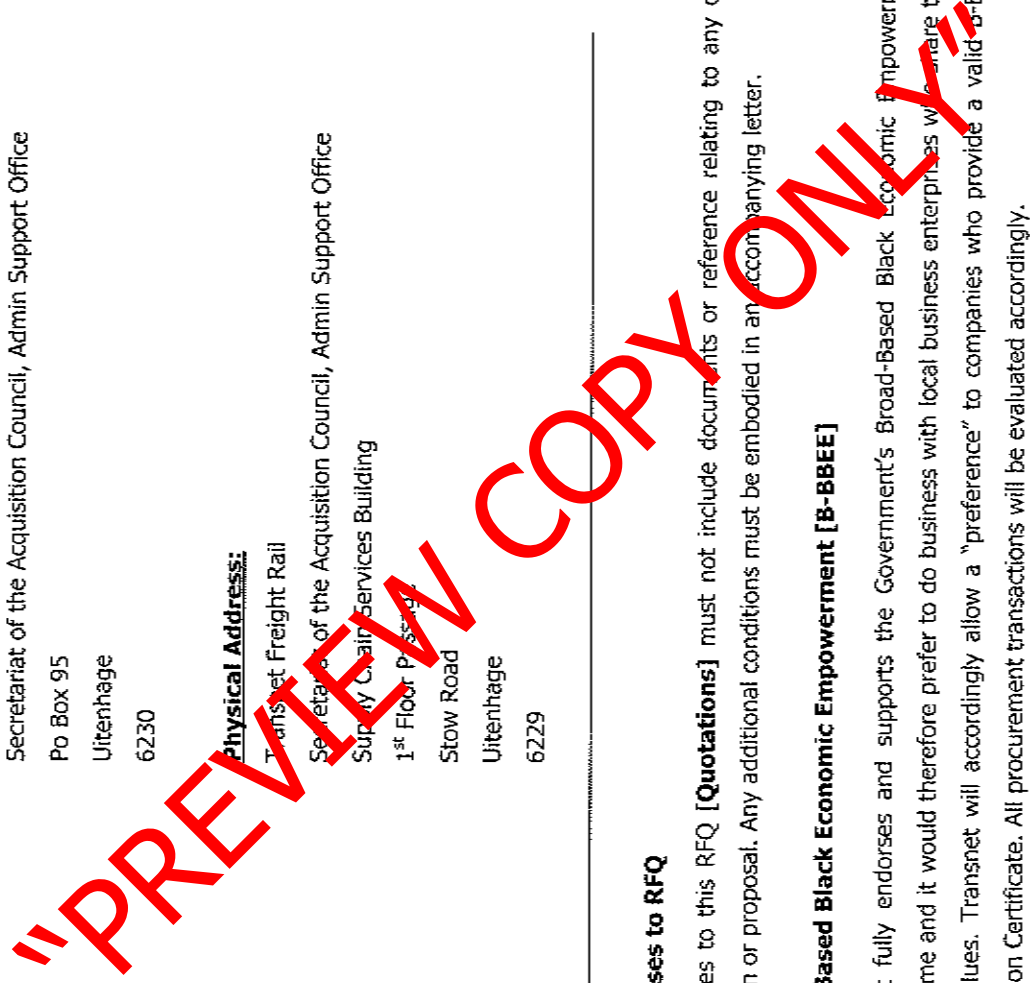
**2 Broad-Based Black Economic Empowerment [B-BBEE]**

Transnet fully endorses and supports the Government's Broad-Based Black Economic Empowerment Programme and it would therefore prefer to do business with local business enterprises who share these same values. Transnet will accordingly allow a "preference" to companies who provide a valid B-BBEE Verification Certificate. All procurement transactions will be evaluated accordingly.

**2.1 B-BBEE Scorecard and Rating**

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

- In this RFQ, Transnet will apply the 80/20 preference point system prescribed in the PPPFA if the lowest acceptable bid is greater than Thirty Thousand rand (R 30 000.00).
- Proposals will be evaluated on price which will be allocated 80 points and preference which will be allocated 20 points.



- The 80/20 preference point system applies where the acquisition of the Services will be less than R1 000 000.00. However, if the 80/20 preference point system is stipulated in this RFQ and all Bids received exceed R1 000 000.00, the RFQ will be cancelled.

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

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

Enterprises will be operated by such agencies based on the following:

- a) **Large Enterprises** [i.e. annual turnover greater than R35 million]:
  - Rating level based on all seven elements of the B-BBEE scorecard
- b) **Qualifying Small Enterprises – QSE** [i.e. annual turnover between R5 million and R35 million]:
  - Rating based on any four of the elements of the B-BBEE scorecard
- c) **Exempted Micro Enterprise – EME** [i.e. annual turnover less than R5 million]:

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

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

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

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

Transnet will accordingly allocate a maximum of **20 [twenty] points** to the Respondent's final score based on an entity's B-BBEE scorecard rating.

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

*[Refer clause 18 below for Returnable Documents required]*

## 2.2 B-BBEE Improvement Plan – N/A

Transnet encourages its Suppliers/Service Providers to constantly strive to improve their B-BBEE rating. Whereas Respondents will be allocated points in terms of a preference point system based on its B-BBEE scorecard to be assessed as detailed in paragraph 2.1 above, in addition to such scoring, Transnet also requests that Respondents submit a B-BBEE improvement plan. Respondents are therefore requested to indicate the extent to which their ownership,

management control, employment equity, preferential procurement and enterprise development will meet or exceed certain minimum targets over the contract period.

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

### 2.3 Supplier Development Initiatives - N/A

Historically in South Africa there has been a lack of investment in infrastructure, skills and capability development and inequality in the income distribution and wealth of a significant portion of the population. There have been a number of Government initiatives developed to address these challenges. In particular, the New Growth Path [NGP] developed in 2010 aligns and builds on previous policies to ensure the achievement of Government's development objectives for South Africa.

Transnet fully endorses and supports Government's New Growth Path policy through its facilitation of Supplier Development [SD] initiatives. Hence Respondents are required to submit their commitments with regard to Supplier Development Initiatives over the duration of this contract.

*All Respondents must refer to Section ..... and **Annexure** ..... for further instructions and submit a *Supplier Development Bid Document and SD Value Summary, Annexure* ..... as these are essential returnable documents.*

*Note: Should a JV be envisaged the principal Respondent is required to submit the required responses as indicated above.*

*The commitments made by the successful Respondents will be incorporated as a term of the contract and monitored for compliance.*

### 3 Communication

- a) Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.
- b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:
 

Name: Dixie Diedericks  
Email: dixie.diedericks@transnet.net
- c) Respondents may also, at any time after the closing date of the RFQ, communicate with The Secretariat of the Acquisition Council, Admin Support Office, Ronelle Blom, on any matter relating to its RFQ response:

Telephone 041 994 2045

Email [Ronelle.blom@transnet.net](mailto:Ronelle.blom@transnet.net)

**4 Tax Clearance**

The Respondent's original valid Tax Clearance Certificate must accompany the Quotation. Failure to provide this document with the RFQ submission may result in disqualification.

**5 VAT Registration**

The valid VAT registration number must be stated here: \_\_\_\_\_ [if applicable].

**6 Legal Compliance**

The successful Respondent shall be in full and complete compliance with any and all applicable national and local laws and regulations.

**7 Changes to Quotations**

Changes by the Respondent to its submission will not be considered after the closing date and time.

**8 Pricing**

All prices must be quoted in South African Rand on a fixed price basis, excluding VAT.

**9 Prices Subject to Confirmation**

Prices quoted which are subject to confirmation will not be considered.

**10 Negotiations**

Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents.

**11 Binding Offer**

Any Quotation furnished pursuant to this Request shall be deemed to be an offer. Any exceptions to this statement must be clearly and specifically indicated.

**12 Disclaimers**

Transnet is not committed to any course of action as a result of its issuance of this RFQ and/or its receipt of a Quotation in response to it. Please note that Transnet reserves the right to:

- modify the RFQ's goods / service(s) and request Respondents to re-bid on any changes;
- reject any Quotation which does not conform to instructions and specifications which are detailed herein;
- disqualify Quotations submitted after the stated submission deadline;
- not necessarily accept the lowest priced Quotation;
- reject all Quotations, if it so decides;
- place an order in connection with this Quotation at any time after the RFQ's closing date;
- award only a portion of the proposed goods / service/s which are reflected in the scope of this RFQ;
- split the award of the order/s between more than one Supplier/Service Provider; or
- make no award at all.



In addition, Transnet reserves the right to exclude any Respondent from the bidding process who has been convicted of a serious breach of law during the preceding 5 [five] years, including but not limited to breaches of the Competition Act 89 of 1998. Respondents are required to indicate below whether or not they have been found guilty of a serious breach of law during the past 5 [five] years:

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 entity have been found guilty of a serious breach of law, tribunal or regulatory obligation.

**13 Respondent's Samples N/A**

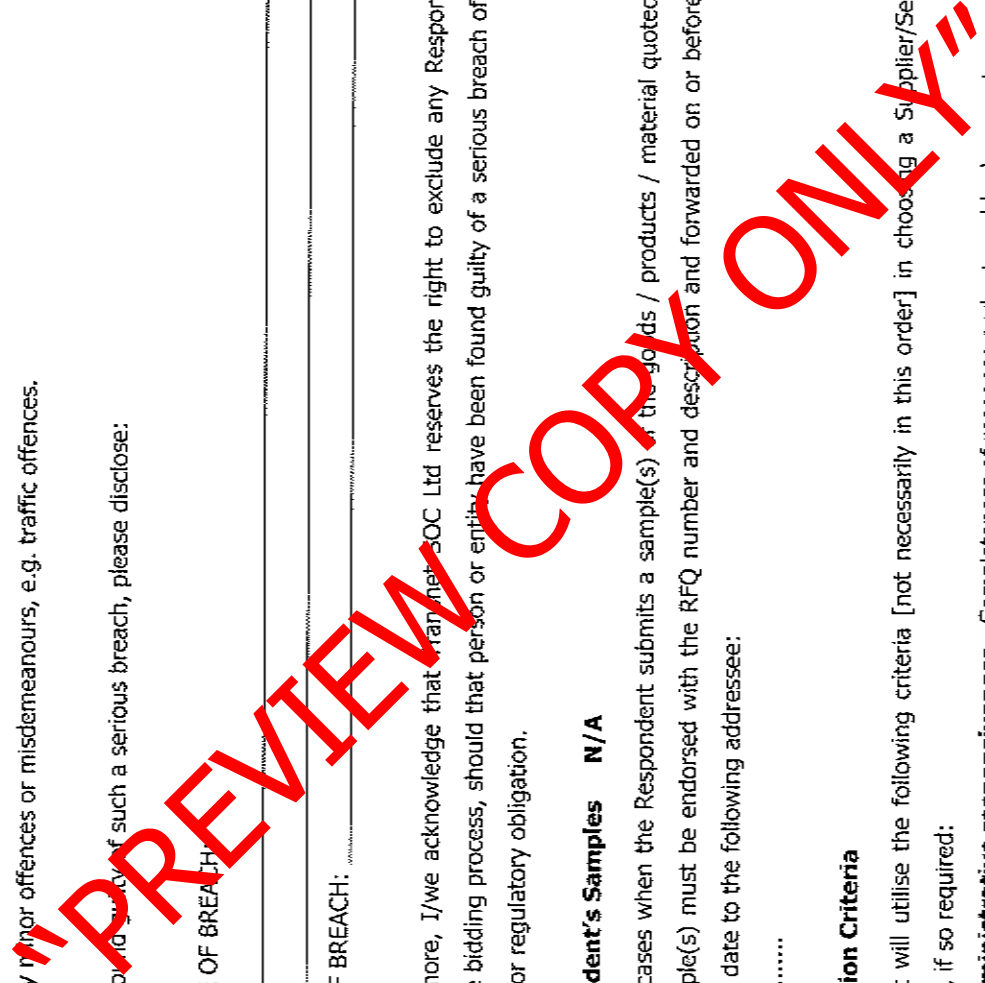
Only in cases when the Respondent submits a sample(s) of the goods / products / material quoted for, the sample(s) must be endorsed with the RFQ number and description and forwarded on or before the deadline date to the following addressee:  
.....

**14 Evaluation Criteria**

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

- **Administrative responsiveness** - Completeness of response and returnable documents
- Weighted evaluation based on 80/20 preference point system as indicated in paragraph 2 above:
  - Pricing and price basis [firm] - whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts<sup>1</sup> will be critical
  - B-BBEE status of company

<sup>1</sup> Only unconditional discounts will be taken into account during evaluation. A discount which has been offered conditionally will, despite not being taken into account for evaluation purposes, be implemented when payment is effected.





Preference points will be awarded to a bidder for attaining the B-BBEE status level of contribution in accordance with the table below:

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

### 15 Validity Period

Transnet desires a validity period of 90 [ninety] days from the closing date of this RFQ.  
This RFQ is valid until \_\_\_\_\_.

### 16 Banking Details

BANK: \_\_\_\_\_  
BRANCH NAME / CODE: \_\_\_\_\_  
ACCOUNT HOLDER: \_\_\_\_\_  
ACCOUNT NUMBER: \_\_\_\_\_

### 17 Company Details

Companies Trading Name \_\_\_\_\_  
Registration number of company / C.C. \_\_\_\_\_  
Registered name of company / C.C. \_\_\_\_\_  
Name of respondent \_\_\_\_\_  
Physical Address \_\_\_\_\_  
Respondents Contact Person: Name \_\_\_\_\_  
: Designation \_\_\_\_\_  
: Tel No. \_\_\_\_\_  
: Mobile No. \_\_\_\_\_  
: Fax No. \_\_\_\_\_  
: E-Mail \_\_\_\_\_  
Service Provider for legal Notices \_\_\_\_\_  
Fax No. \_\_\_\_\_

### Disclosure of Prices Quoted

Respondents must indicate here whether Transnet may disclose their quoted prices and conditions to other Respondents:

YES  NO

**18 Returnable Documents**

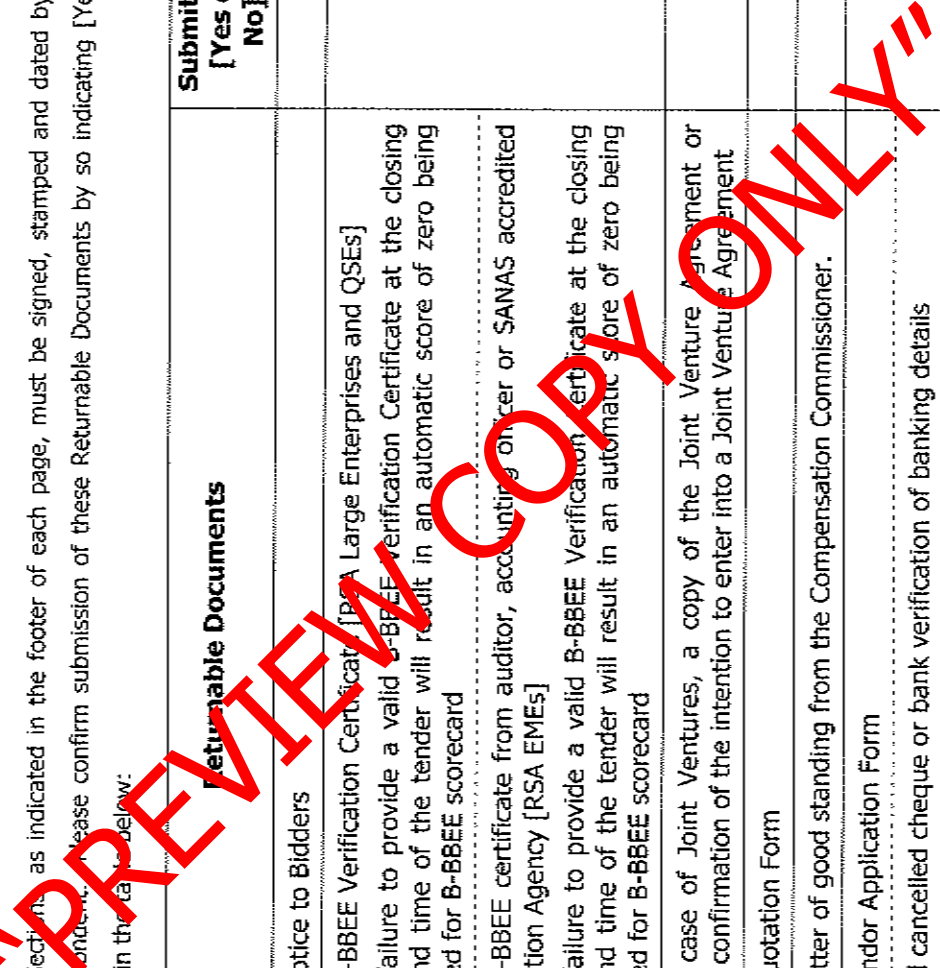
**Returnable Documents** means all the documents, Sections and Annexures, as listed in the tables below.

- a) Respondents are required to submit with their Quotations the **Returnable Documents**, as detailed below.

**Failure to provide all these Returnable Documents at the Closing Date and time of this RFQ may result in a Respondent's disqualification. Respondents are therefore urged to ensure that all these Documents are returned with their Quotations.**

All Sections as indicated in the footer of each page, must be signed, stamped and dated by the Respondent. Please confirm submission of these Returnable Documents by so indicating [Yes or No] in the table below:

|   | Submitted<br>[Yes or<br>No] |
|---|-----------------------------|
| <p><b>Returnable Documents</b></p> <p>SECTION 1 : Notice to Bidders</p> <ul style="list-style-type: none"> <li>- Valid B-BBEE Verification Certificate [RSA Large Enterprises and QSEs]<br/>Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard</li> <li>- Valid B-BBEE certificate from auditor, accounting officer or SANAS accredited Verification Agency [RSA EMEs]<br/>Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard</li> <li>- In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement</li> </ul> |                             |
| <p>SECTION 2 : Quotation Form</p> <ul style="list-style-type: none"> <li>• Valid letter of good standing from the Compensation Commissioner.</li> </ul>   |                             |
| <p>SECTION 3: Vendor Application Form</p> <ul style="list-style-type: none"> <li>• Original cancelled cheque or bank verification of banking details</li> <li>• Certified copies of IDs of shareholder/directors/members [as applicable]</li> <li>• Certified copy of Certificate of Incorporation [CM29/CM9 name change]</li> <li>• Certified copy of share certificates [CK1/CK2 if C.C.]</li> <li>• Entity's letterhead</li> <li>• Certified copy of VAT Registration Certificate [RSA entities only]</li> <li>• Certified copy of valid Company Registration Certificate [if applicable]</li> <li>• Original valid Tax Clearance Certificate [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate for each party]</li> </ul>  |                             |



## Section 2 QUOTATION FORM

I/We \_\_\_\_\_  
 hereby offer to supply the goods/services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto.

I/We agree to be bound by those terms and conditions in:

- the Standard Terms and Conditions for the Supply of Goods or Services to Transnet [available on request], and
- any other standard or special conditions mentioned and/or embodied in this Request for Quotation.

I/We accept that Transnet should otherwise decide and so inform me/us, this Quotation [and, if any, its covering letter and any subsequent exchange of correspondence], together with Transnet's acceptance thereof shall constitute a binding contract between Transnet and me/us.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to deliver the said goods/service/s within the delivery lead-time quoted, Transnet may, without prejudice to any other legal remedy which it may have, cancel the order and recover from me/us any expenses incurred by Transnet in calling for Quotations afresh and/or having to accept any less favourable offer.

### Price Schedule

#### Notes to Pricing:

- a) All Prices must be quoted in South African Rand, exclusive of VAT
- b) To facilitate like-for-like comparison bidders must submit pricing strictly in accordance with this price schedule and not utilise a different format. Deviation from this pricing schedule could result in a bid being disqualified.
- c) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

# TRANSNET SOC LIMITED

(REGISTRATION NO. 1990/000900/30)  
TRADING AS TRANSNET FREIGHT RAIL

## RFQ PTH 52466

| SCHEDULE OF WORK AND PRICES   |      |          |      |        |
|---|------|----------|------|--------|
| DESCRIPTION   | UNIT | QUANTITY | RATE | AMOUNT |
| <b>Section A</b>  |      |          |      |        |
| Break opening in 114 mm brick wall and build in single meranti door frame Plaster and make walls good both sides  | ea   | 1        |      |        |
| Break opening in 230mm brick wall and build in single meranti door frame. Plaster and make walls good both sides  | ea   | 1        |      |        |
| Remove existing wooden door frames and doors. Build door openings close. Plaster and make walls good both sides   | ea   | 3        |      |        |
| Remove wooden frame with glass. Build opening close. Plaster and make walls good both sides   | ea   | 1        |      |        |
| Demolish concrete slab 1840mm long x 630mm wide x 150mm thick and make floor good   | ea   | 1        |      |        |
| Demolish brick wall 2/4260mm long x 3000mm high x 114mm thick and make walls good   | sqm  | 16       |      |        |
| Remove exterior steps complete as per spec  | sum  | 1        |      |        |
| Provide new concrete ramp 3300mm wide x 3000mm long x 320mm thick as per spec   | sum  | 1        |      |        |
| Supply and fit 40mm stainless steel hand rails both sides of ramp as per spec   | sum  | 1        |      |        |
| Supply and fit new Sapele flush panel door complete with 3 lever Union Mortice lockset and 100mm heavy duty brass butt hinges   | ea   | 1        |      |        |
| Remove existing door. Supply and fit new meranti FL+B flash back door complete with 3 lever Union Mortice lockset, 100mm heavy duty brass butt hinges and meranti weather board                             | ea   | 1        |      |        |
| Supply and fit new fire door complete with 3 lever mortice lockset and (3ea) 100mm heavy duty brass butt hinges   | ea   | 1        |      |        |
| Plane and refit all existing doors. Cut bottom of doors prior to new porcelain and carpet tiles. Service all locks to working and lockable condition. Replace all broken locks and hinges to match existing | job  | 1        |      |        |
| Remove all existing numbering from doors. Supply and fit new black numbering on aluminium back grounds to all doors   | ea   | 24       |      |        |
| Supply and fit new standard sign indication Men/ Ladies on exterior toilet doors  | ea   | 3        |      |        |
| Remove iron Monger on fanlight openings and windows in passages   | ea   | 72       |      |        |
| Fix fanlight sashes to frames   | ea   | 72       |      |        |

PRELIMINARY COPY ONLY

|  |     |     |  |  |
|--|-----|-----|--|--|
| Remove plastic (pvc) skirting from walls   | m   | 540 |  |  |
| Supply and fit new 70mm SAP skirting boards in all offices   | m   | 270 |  |  |
| Supply and fit new quadrants in all offices  | m   | 270 |  |  |
| Refit loose door frame as per spec   | ea  | 1   |  |  |
| Supply and install Nu-Klip shop front system in White Power Coated Aluminium with double doors open inwards complete with door closer and locking device to suit existing. Glass panels to be 6.38mm solar shield s10 silver with machine polished edges as per spec. Total size 3270mm wide x 2550mm high | job | 1   |  |  |
| Supply and install Nu-Klip shop front system in White Power Coated Aluminium complete with service hatch as per sketch. Size of shop front 2600mm high x 660mm high with 6.38mm clear safety glass   | job | 1   |  |  |
| Supply and install Dry wall partition as per spec. Size of partition 4260mm wide x 3000mm high   | job | 1   |  |  |
| Remove existing toilet pan and cisterns. Supply and fit new white porcelain toilet pans and 9 litre cisterns, heavy duty plastic white toilet seat complete with plumbing as per spec  | ea  | 6   |  |  |
| Remove existing wash hand basins. Supply and fit new white porcelain wash hand basins complete with cobra standard wash head pillar cocks, waste outlets and plumbing as per spec  | ea  | 5   |  |  |
| Remove existing urinals. Supply and fit new white porcelain wall hung urinals complete with waste pipes, flush master valve and plumbing as per spec   | ea  | 4   |  |  |
| Remove existing sink. Supply and fit new 1200mm double bowl sink complete with waste pipe, plumbing and cobra sink mixer star head. Sink to be fitted into new cupboards as per spec   | ea  | 2   |  |  |
| Supply and fit new 10 litre Prisma Under Basin geyser complete with water pipes, Pressure control valve and plumbing as per spec   | ea  | 2   |  |  |
| Supply and fit new 15 litre Hydro Boil above sink complete with water pipes and plumbing as per spec   | ea  | 2   |  |  |
| Chase all waste and water pipes in walls and floors where necessary. Check for leaks before closing with plaster as per spec   | sum | 1   |  |  |
| Remove existing cast iron 110mm sewer pipe in concrete ceiling complete as per spec  | sum | 1   |  |  |
| Repair concrete ceiling after removal of cast iron sewer pipe as per spec  | Sum | 1   |  |  |
| Remove existing cupboards and make walls good as per spec  | sum | 1   |  |  |
| Remove existing post form tops from walls and make walls good as per spec  | sum | 1   |  |  |
| Supply and fit new build in cupboard with 900mm x 38 mm post form top Bull nose both sides complete with doors, hinges, locks and handles. Size of cupboard 1/2700mm long x 1020mm high x 550mm deep as per spec (Reception area)  | ea  | 1   |  |  |
| Supply and fit new build in cupboard with 600mm x 38 mm post form top complete with doors, hinges, locks and handles. Size of cupboard 2/3700mm long x 900mm high x 550mm deep as per spec (Kitchen First floor)   | ea  | 2   |  |  |

PREVIEW COPY ONLY

|   |      |     |  |  |
|---|------|-----|--|--|
| Supply and fit new build in cupboard for double bowl sink with 600mm x 38 mm post form top complete with doors, hinges, locks and handles . Size of cupboard 1/3600 mm long x 900mm high x 550mm deep as per spec (Kitchen First Floor)   | ea   | 1   |  |  |
| Supply and fit new build in cupboard for double bowl sink with 600mm x 38 mm post form top complete with doors, hinges , locks and handles . Size of cupboard 1/1775mm long x 900mm high x 550mm deep as per spec ( Kitchen Ground Floor) | ea   | 1   |  |  |
| Supply and fit new build in cupboard with 600mm x 38 mm post form top complete with doors, hinges , locks , handles and four drawers.Size of cupboard 1/2400mm long x 900mm high x 550mm deep as per spec( Kitchen Ground Floor)          | ea   | 1   |  |  |
| Supply and fit new build in cupboard complete with doors, hinges, locks and handles . Size of cupboard 1/2400 mm long x 600mm high x 300mm deep as per spec(Kitchen Ground Floor)   | ea   | 1   |  |  |
| Supply and fit new 600mm x 38 mm post form tops against walls with 63mm dia Satin Chrome adjustable legs at 800mm centres. Size of top 1/7400mm long x 730mm high x 600mm wide  | ea   | 1   |  |  |
| Supply and fit new 600mm x 38 mm post form tops against walls with 63mm dia Satin Chrome adjustable legs at 800mm centres. Size of top 3/3660mm long x 730mm high x 600mm wide as per spec  | ea   | 3   |  |  |
| Supply and fit new 600mm x 38 mm post form tops against walls with 63mm dia Satin Chrome adjustable legs at 800mm centres. Size of top 1/9200mm long x 730mm high x 600mm wide as per spec  | ea   | 1   |  |  |
| Supply and fit new 600mm x 38 mm post form tops against walls with 63mm dia Satin Chrome adjustable legs at 800mm centres. Size of top 1/5440mm long x 730mm high x 600mm wide as per spec  | ea   | 1   |  |  |
| Supply and fit new 600mm x 38 mm post form tops against walls with 63mm dia Satin Chrome adjustable legs at 800mm centres. Size of top 1/4000mm long x 730mm high x 600mm wide as per spec  | ea   | 1   |  |  |
| Supply and fit Laminated shelving on white brackets and support t to walls with white wallbands as per spec   | Sum  | 1   |  |  |
| Supply and fit new 25 mm Aluminium Venetian blinds 1640mm wide x 1520mm high as per spec  | ea   | 68  |  |  |
| Remove existing wall tiles from walls as per spec   | sq m | 170 |  |  |
| Supply and fit new wall tiles as per spec   | sq m | 290 |  |  |
| Supply and fit new mirrors above wash hand basis. Size 400mm long x 400mm wide x 4mm as per spec  | ea   | 5   |  |  |
| Supply and fit new white two roll lockable paper dispenser to walls as per spec   | ea   | 6   |  |  |
| Remove existing vinyl tiles from interior floors  | sqm  | 260 |  |  |
| Remove existing Terrazo floor tiles from interior and exterior steps , raisers , landings   | sqm  | 40  |  |  |
| Supply and fit new interior porcelain floor tiles on interior floors, steps , raisers and landings as per spec  | sq m | 350 |  |  |

PREVIEW COPY ONLY



12D

|   |      |                    |          |
|---|------|--------------------|----------|
| Supply and fit new exterior porcelain floor tiles on exterior landing and ramp as per spec  | sqm  | 14                 |          |
| Supply and fit new 100mm wide porcelain tile skirting as per spec   | m    | 350                |          |
| Supply and fit new non slip heavy duty aluminium strips on front edges of steps interior and exterior as per spec                       | m    | 55                 |          |
| Remove existing carpet tiles from floors  | sqm  | 460                |          |
| Supply and fit new carpet tiles as per spec   | sq m | 460                |          |
| Supply and fit new white fully framed aluminium Xpanda Trellis door complete with 5mm lock as per spec                                  | ea   | 1                  |          |
| Supply and fit 1000mm long x 40mm wide x 6mm hot dipped galvanised and white powder coated flat bar before fanlight opening as per spec | ea   | 3                  |          |
| Prepare and paint interior walls as per spec  | sq m | 1940               |          |
| Prepare and paint interior window sills as per spec   | ea   | 95                 |          |
| Prepare and paint ceilings as per spec  | sqm  | 820                |          |
| Prepare and paint undersides of stairs as per spec  | sq m | 35                 |          |
| Prepare and paint beams as per spec   | sq m | 40                 |          |
| Prepare and paint single doors both sides as per spec   | ea   | 42                 |          |
| Prepare and paint double doors both sides as per spec   | ea   | 5                  |          |
| Prepare and paint single door frames both sides as per spec   | ea   | 12                 |          |
| Prepare and paint double door frames both sides as per spec   | ea   | 5                  |          |
| Prepare and paint fanlight sashes and frames both sides as per spec   | ea   | 72                 |          |
| Prepare and paint skirting boards as per spec   | m    | 270                |          |
| Prepare and paint quadrants as per spec   | m    | 270                |          |
| Prepare and paint cement floor as per spec  | sqm  | 74                 |          |
| Prepare and paint interior staircase hand rails and cast iron sewer pipes   | Sum  | 1                  |          |
| Prepare and paint asset no 02YA 100E on exterior walls  | sum  | 1                  |          |
| Stack rubble clear of traffic and ready for removal   | sum  | 1                  |          |
| Risks   | Sum  | 1                  |          |
| Sundries  | Sum  | 1                  |          |
| P&G   | sum  | 1                  |          |
|   |      |                    |          |
| <b>GROSS AMOUNT TO BE CARRIED FORWARD TO PAGE 11</b>  |      | <b>GROSS TOTAL</b> | <b>R</b> |



TRANSNET SOC LIMITED  
(REGISTRATION NO 1990/000900/30)

trading as TRANSNET FREIGHT RAIL  
(hereinafter referred to as TRANSNET)

RFQ PTH 52466

UPGRADE (ING. ELECTRICAL ) AND PAINTING OF OFFICES AT THE S.O.R.  
(PTA100E ) AT NORTH END PORT ELIZABETH

**SCHEDULE OF WORK AND PRICES**

| DESCRIPTION  | UNIT | QUAN TITY | RATE | AMOUNT |
|--|------|-----------|------|--------|
| Remove all existing Fluorescent Fittings, Socket Outlets, power skirting and Light Switches and make neat.                           | Ea   | 1         |      |        |
| Supply and Install 1200mm x Single Tube Decorative Type Fluorescent Fittings Complete. (Similar or Equal to THORN TECH ELECTRONIC ). | Ea   | 13        |      |        |
| Supply and Install 1500mm x Dual Tube Decorative Type Fluorescent Fittings Complete. (Similar or Equal to THORN TECH ELECTRONIC ).   | Ea   | 2         |      |        |
| Supply and Install 18W PL9 Compact Fluorescent Fittings Complete with daylight Sensor. (Similar or Equal to THORN TECH ELECTRONIC ). | Ea   | 1         |      |        |
| Supply and Install 18W PL9 Compact Fluorescent Fittings Complete. (Similar or Equal to THORN TECH ELECTRONIC ).                      | Ea   | 7         |      |        |
| Supply and Install 125W M.V. Flood Light Fittings Complete. (Similar or Equal to THORN ).  | Ea   | 4         |      |        |
| Supply and Install Single Lever Light Switch. ( Similar or Equal to Crabtree )   | Ea   | 25        |      |        |
| Supply and Install Two Lever Light Switch. ( Similar or Equal to Crabtree )  | Ea   | 3         |      |        |
| Supply and Install Three Lever Light Switch. ( Similar or Equal to Crabtree )  | Ea   | 1         |      |        |
| Supply and Install Two Way Single Lever Light Switch. ( Similar or Equal to Crabtree )   | Ea   | 4         |      |        |
| Supply and Install Daylight Switch ( for Flood Lights )  | Ea   | 1         |      |        |
| Supply and Install Motion Sensors ( Similar or Equal to CMR 10 )   | Ea   | 2         |      |        |
| Supply and Install Switch Socket Outlets. ( Flush Mounted ) ( Similar or Equal to Crabtree "Diamond Range" )                         | Ea   | 14        |      |        |

|  |    |     |               |            |
|--|----|-----|---------------|------------|
| Supply and Install O-Line RAPID 45 Power Skirting including corners. (150mm x 50mm with 2 x compartments for Elect. and Telkom wiring).                                      | m  | 180 |               |            |
| Supply and Install Switch Socket Outlets (Normal Type) in Power Skirting.  | Ea | 119 |               |            |
| Supply and Install Switch Socket Outlets (Dedicated Type) in Power Skirting.   | EA | 98  |               |            |
| Supply and Install Switch Socket Outlets. ( Ceiling Mounted for PROXIMA ) Complete. (Similar or Equal to Crabtree "Diamond Range" As per Elect. Spec item 2.1 o, w, and bb.) | Ea | 3   |               |            |
| Supply and installation of supplies to Air Conditioner Isolators. ( As per Elect Specifications 2.1 v, aa, and bb )  | Ea | 3   |               |            |
| Supply and Install Hydro Boil circuit (Incl. timer) complete. ( As per Elect. Spec. item 2.1. k and gg )   | EA | 2   |               |            |
| Supply and Install Mini Geyser circuit complete. ( As per Elect. Spec. item 2.1. k and gg )  | Ea | 2   |               |            |
| Supply and Install Extractor Fan circuit complete. Xrelat Ceiling Mounted Fan CX10 ( As per Elect. Spec. item 2.1. p, q and ff )   | Ea | 3   |               |            |
| Upgrading, Testting and Labelling of Distribution Board. ( Complete ) + COC ( As per elect. Spec. item 2.1 r, and hh. )  | Ea | 2   |               |            |
| 60 Amp Earth Leakage Unit  | Ea | 1   |               |            |
| 20 Amp SP+N Isolating Circuit Breaker  | Ea | 4   |               |            |
| 20 Amp Curve 1 orange toggle Circuit Breaker   | Ea | 3   |               |            |
| 20 Amp Normal Circuit Breaker  | Ea | 19  |               |            |
| 10 Amp Normal Circuit Breaker  | Ea | 6   |               |            |
| <b>GROSS AMOUNT TO BE CARRIED FORWARD TO PAGE 11</b>   |    |     |               |            |
|  |    |     | GROSS TOTAL R | (Excl Vat) |

**TRANSNET SOC LIMITED**  
 (Registration No., 1990/000900/30)  
**trading as TRANSNET FREIGHT RAIL**  
 (hereinafter referred to as TRANSNET)

*TRANSNET SOC LIMITED*  
 (REGISTRATION NO.19 90/000900/30)

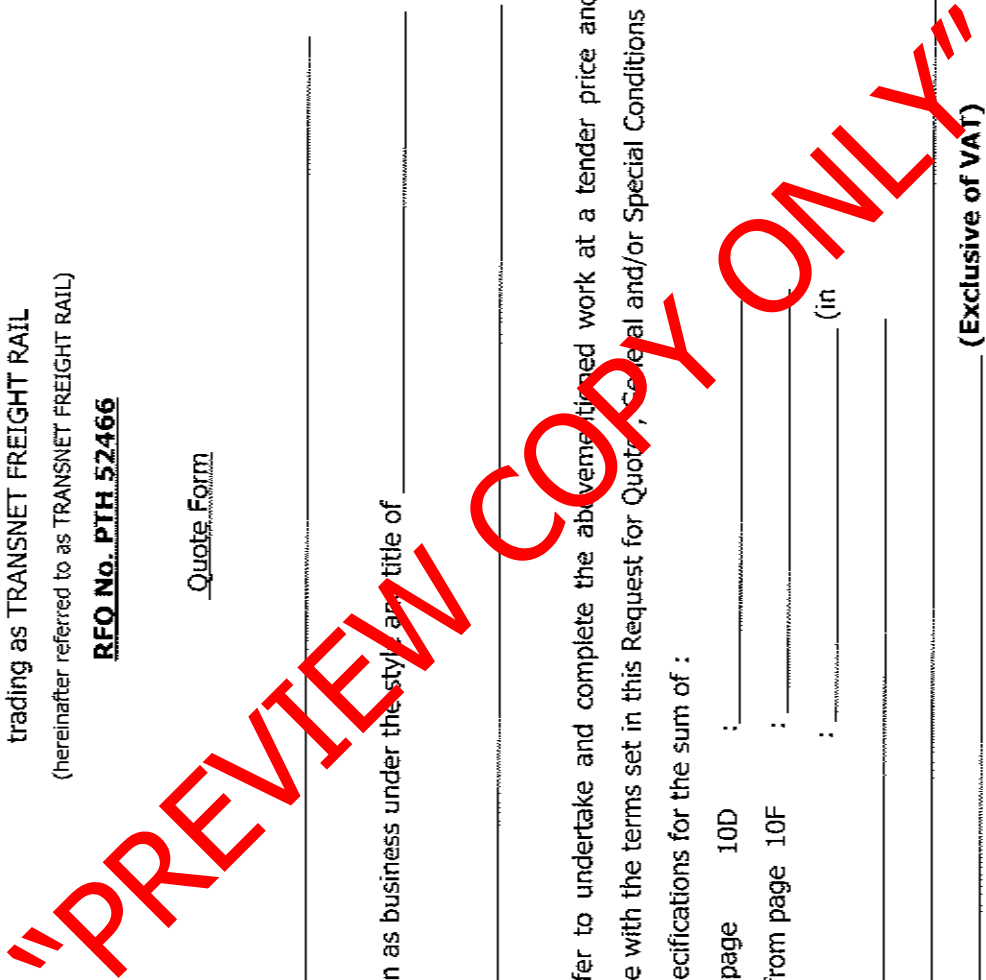
trading as TRANSNET FREIGHT RAIL  
 (hereinafter referred to as TRANSNET FREIGHT RAIL)  
**RFO No. PTH 52466**

Quote Form

I, We \_\_\_\_\_  
 carrying on as business under the style and title of \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

hereby offer to undertake and complete the abovementioned work at a tender price and in accordance with the terms set in this Request for Quotation, General and/or Special Conditions and Project Specifications for the sum of :

Civil from page 10D : \_\_\_\_\_  
 Electrical from page 10F : \_\_\_\_\_  
 Total : \_\_\_\_\_ (in \_\_\_\_\_ words) \_\_\_\_\_  
 \_\_\_\_\_ (Exclusive of VAT)  
 \_\_\_\_\_ (Work days)



**Time to complete the work:** \_\_\_\_\_  
 I/We undertake to complete the work for the duration of the contract as specified in the special conditions and particular specifications from the date of notification of the acceptance of my/our tender.

- (i) **NOTE:** In the event of any discrepancy, the amount in words will take precedence over the amount in figures.
- (ii) **NOTE: The price as transferred to this form shall be the tendered price, any error in pricing in this schedule, even an arithmetic error will have to be adjusted to comply with the tendered price as given on this page.**

### Section 3 GENERAL CONDITIONS

- 1. Scope of work**  
As per attached specification
- 2. Site location**  
The site is situated at per specification
- 3. Time to complete the work**  
The tenderer shall indicate at section 2 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 contender and accepted by Transnet, the contractor shall pay to Transnet the sum of as per specification for every day or part thereof during which the works remain incomplete.
- 4. Guarantee**  
All workmanship and material shall be guaranteed for a period as indicated in specification of completion of work.
- 5. Inspection of works**
  - 5.1** 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 and to examine foundations before permanent work is placed thereon.
  - 5.2** The Contractor shall give due notice to the Project Manager whenever any such work of formations is or are ready or about to be ready for examination. The Project Manager shall, without unreasonable delay, unless he considers it necessary and advises the Contractor accordingly, examine and or measuring such work as required.
  - 5.3** The Contractor shall uncover any part 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 part or parts to the satisfaction of the Project Manager and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through, reinstating and making good the same shall be done by the Contractor .

#### Site records

##### **6.1 Site Instruction Book**

The Contractor shall provide a **site instruction book ( not smaller than A5) , in triplicate for the Project 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 Project Manager in the aforesaid book.**

### **6.2 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 off, incidents that have occurred, nature of work to be done on that day, etc.

### **6.3. Programming & Planning of the work**

The contractor shall provide to the Project Manager a detail plan of how he intends to do the work and this plan must be in line with the requirements of the operation of Transnet Freight Rail workshop with minor disruptions as in days must be allowed in this regard.

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

### **7. Water supply.**

Water may be made available for the purpose of construction of the works only. The water shall be used conservatively and if not, this privilege shall be removed and the water shall be metered, and the cost of the metered water shall be borne by the Contractor as well as all charges as entertained by Transnet Freight Rail. The Contractor must supply all drums, connections, hoses, clamps etc., as necessary and to provide water to the working site .

### **8. 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 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

**9. Access to site**

The areas are restricted and the contractor must ensure he complies with the regulations of Transnet Freight Rail in every way. The Contractor and/or any sub-contractors shall be required to apply for permission to enter the restricted area in writing. A list of workmen shall be given to the Project Manager to arrange for the necessary permits. 48 Hours minimum notice is necessary for the processing these permits. This includes changes to staff during the contract period.

**10. Material found on site**

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

**11. 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 works and leave the site and the works clean and tidy to the satisfaction of the Project Manager.

**12. 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 Freight Rail will not unreasonably withhold permission, however the Contractor may have to pay for Transnet Freight Rail's supervisory personnel.

**13. 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.

**14. Retention**

Transnet Freight Rail reserves the right to retain up to ten (10) percent of the value of the contract, for a period of six months, (the maintenance period) or such further period beyond the maintenance period if defects have not yet been made good to the satisfaction of the Project Manager.



**15. Safety Precautions and Insurance****15.1. Act 85**

The contractor shall comply with the Occupational Health & Safety Act, 1993 (Act 85 of 1993). The form E.4E as placed in this Specification must be adhered to. ( **Available on request** ) But will be completed by the successful tenderer.

**15.11 E7/1**

Specification for works on, over, under adjacent to Railway lines and near high voltage equipment. (Available at the tender briefing)

**15.2 Environment**

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

- The National Environmental Management Act, 107/1998;
- The Environmental Conservation Act, 73/1989; and
- The National Water Act, 36/1998.

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

**15.3 SUBSTANCE ABUSE TESTING**

The OHSA (Act 85 of 1993) clearly states in the Safety Regulations 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 their premises.

**16. Health and Safety Requirements.**

As per the E4E (Health and Safety requirements) no work can commence before the certificate of Good Standing by the Compensation Commissioner, or proof of payment, has been delivered to this office, for this project.

**17. Note:**

**17.1** For further descriptions of materials to be used and methods to be adopted, the Contractor is referred to the various Codes and Standards, where relevant, and this shall be deemed to form part of the descriptions of any items in the following Specification. Except where any specification provision in a description in this specification is at variance with the above, in which case the specific provision in this Specification description shall apply.



**17.2** Where trade names and catalogue references have been used in these Specifications to specify a product, Tenderers must tender on that particular or similar product. In addition, Tenderers must tender on the design specified. The accepted tenderer (i.e. Contractor) may, after obtaining written authority from the Project Manager, use an alternative product or design.

**17.3** Where such written authority is given by the Project 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.

**18. GENERAL**

**18.1 Standard Specification**

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

**SANS Specifications** (To be obtained by the contenders)

|                               |                     |
|-------------------------------|---------------------|
| National Building Regulations | SANS 10400 – 11990  |
| General Structural            | SANS 11200AH- 11982 |
| Electrical Code of Practice   | SANS 10142          |

**18.2 To be supplied by the Contractor**

The Contractor shall provide all labour, transport, consumables, stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORKS as per this specification and as may be ordered by the Manager.

**18.3 Site meetings**

The Contractor shall be called upon to attend meetings on the site to discuss the progress of WORKS with the Transnet Freight Rail representatives.

**18.4 Setting out of the works**

The setting out of the work shall be the sole responsibility of the Contractor and shall be done in accordance with this Specification, the drawings and the design.

**18.5 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.

A permit must be obtained from the Municipalities to transport material on their roads, when required.

**19. 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:

**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.

**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.

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

**20. ACT 85:**

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

Start up costs:

- First aid kit and emergency numbers displayed.
- Safety clothing (boots, gloves, safety hats, goggles and so on)
- Barriers, barrier tape and so on.
- Safety file with records of all reports and safety inspections.

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.

Day to day matters:

The maintenance of the above start up costs.

The cost of safety procedures, need at all times at least one incumbent to be responsible for safety. On a daily basis and before any procedure is started a safety and work activity must be recorded in the site diary/safety file to ensure safety methods are used.

Need an incumbent with basic first aid training.

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.

NB!!!! See "Occupational Health and Safety Act and Regulations, Asbestos Regulation 15/ I/ (3)"

STANDARD FOR ASBESTOS WORK  
LEGAL:

Compliance to the Asbestos Regulations as contained in the Occupational Health and safety Act, 1993 (Act. No. 85 of 1993).

Notification of Asbestos Work

Notify the provincial director in writing of the commencement of Asbestos work.

Information and Training

Provide the necessary training regarding legislation, sources of asbestos in the workplace, potential dangers to health, personal hygiene risk associated with smoking, etc. (at least once a year).

Duties of persons who may be exposed

Obey any lawful instructions given: The prevention of asbestos dust from becoming airborne, the wearing and use of personal protective equipment and clothing, etc.

Assessment of potential exposure

Perform an asbestos assessment at intervals not exceeding two years.

Air monitoring

Conduct air monitoring to measure the concentrations of asbestos fibres in the air and to establish the need of controls.

Medical Surveillance

An employer shall ensure that an employee is under the medical surveillance of an occupational medical practitioner at intervals not exceeding two years.

Respirator zone

Where the concentrations exceeds the occupational exposure limit of 0.2 regulated asbestos fibres per millilitre of air, the workplace must be zoned as a respirator zone.

Control of exposure to asbestos

The most effective control of asbestos dusts is at its source.

- Once airborne its elimination and control is less effective and more expensive.

### Substitution

- Asbestos can be substituted by less hazardous materials wherever this is possible e.g. amorphous silica, polypropylene, etc.

### Sealants

- Damaged asbestos can be sealed by means of a suitable sealant e.g. TSW, paint, etc.
- TSW seal asbestos fibers until 50 years.

### Screening

- If the wind speed is more than 1.5m/sec. No asbestos may be handled.
- Only if there is a screen around the asbestos area to reduce the wind speed.

### Tools

- No power tools, such as angle grinders should be used to cut asbestos.
- Only hand tools.
- The use of compressed air to remove asbestos dust is forbidden

### Final clean-up

- When the work is completed the workplace should be cleaned by means of a special High Efficiency Vacuum Cleaner.
- Filter effectiveness of 99% for 1-micron dust particle.
- Wet sweeping is also acceptable in the case of smaller jobs, but dry sweeping should never be allowed.

### CONTROL OF EXPOSURE TO ASBESTOS OF PERSONS OTHER THAN EMPLOYEES

- Ensure that all work performed with asbestos be controlled as far as is reasonably practicable.
- That any water that is contaminated with asbestos as a result of work being performed is passed through a filtration system before being released into any environment or water system.
- That contaminated parts of the filtration system, when discarded, are disposed of as asbestos waste.

### ASBESTOS CEMENT SHEETING AND RELATED PRODUCTS

- Written work procedures shall be available and followed to prevent the release of asbestos dust in the environment.
- Cleaning is done under controlled conditions ensuring that:
  - Dry-brushing, scraping, sanding or abrasion techniques are not used.
  - Where reasonably practicable, high-pressure water jetting is not used unless in conjunction with a suitable profiled hood that limits dispersal of contaminated water.
  - When fungicidal solution or moss killer is applied, a standing time of 24 hours or any other period specified by the manufacturer is allowed, and a low pressure hose is used after such period to keep the sheets wet whilst employing a stiff broom or any similar means to remove any moss or lichens.

RECORDS

- An employer shall keep records of the results of all assessments, air monitoring, medical surveillance reports and the asbestos inventory for a minimum period of 40 years.
- Keep a record of training given to an employee for as long as the employee remains employed at the workplace in which he is being exposed to asbestos.

PERSONAL PROTECTIVE EQUIPMENT AND FACILITIES**Respiratory Protection**

- Whenever you work with asbestos you must wear an approved respirator (CE; FFP2S).
- Ensure you know the difference between a dust respirator (FF1) and an asbestos respirator.
- Ensure that no person remove contaminated personal protective equipment from the workplace.
- Where respirators contaminated with asbestos dust has to be disposed of, it shall be treated as asbestos waste.
- Adequate washing facilities should be readily accessible.

## Disposal of asbestos

- Asbestos waste should be placed in two heavy-duty plastic bags (one inside the other) immediately after completion of the job.
- It should be properly sealed to prevent the escape of dust during handling.
- The bags are stored in a convenient transit site before final disposal in an approved landfill.

## Demolition

- **A person who is a registered asbestos contractor must carry out demolition work.**
- A plan of work should be submitted for approval at least 30 days prior to the commencement of that work to an approved asbestos inspection authority.
- A copy of the approved plan for demolition work must be submitted to the provincial director at least 14 days prior to the commencement of that work.

## Prohibition

- No person shall use compressed air to remove asbestos dust from any surface or person.
- Never eat, drink, smoke or store food in asbestos contaminate

**PREVIEW COPY ONLY**

**Section 4**  
**PROJECT SPECIFICATIONS**  
**Civil**  
**Page 20A-J**  
**Drawings**  
**Page 20K-Q**  
**Electrical**  
**Page 20S-W**

**"PREVIEW COPY ONLY"**

TRANSNET SOC LIMITED  
(REGISTRATION NO 1990/000900/30)

Trading as TRANSNET FREIGHT RAIL  
(hereinafter referred to as TRANSNET FREIGHT RAIL)

RFQ PTH 52466

SPECIFICATIONS

RENOVATE AND PAINT INTERIOR, INCLUDING ELECTRICAL OF SCHOOL OF RAIL  
BUILDING, ASSYDUCO 02YA100E NORTH END, PORT ELIZABETH

**NOTE:**

1. *For further descriptions of materials to be used and methods to be adopted, the Contractor is referred to the various Codes and Standards, where relevant, and this shall be deemed to form part of the descriptions of any items in the following Specification. Except where any specification provision in a description in this specification is at variance with the above, in which case the specific provision in this Specification description shall apply.*
2. *Where trade names and catalogue references have been used in these Specifications to specify a product, Tenderers must tender on that particular product specified. In addition, Tenderers must tender on the design specified. The accepted tenderer (i.e. Contractor) may, after obtaining written authority from Transnet Freight Rail, use an alternative product or design.*
3. *Where Transnet Freight Rail gives such a written authority at the request of the Contractor, for the Contractor's convenience, all additional costs involved will be done the Contractor's account. In the event of a less expensive product or design being used, a variation order reflecting the saving in cost will be issued.*

**1. Bricklayer Work:**

- [a] Break opening in 114mm brick wall and build in single meranti door frame. Plaster and make walls good on both sides ( 1ea Entrance to reception)
- [b] Break opening in 230mm brick wall and build in single meranti door frame. Plaster and make walls good on both sides ( 1ea Entrance to Workshop)
- [c] Remove existing door frames with doors and build door openings close. Plaster and make walls good on both sides (3ea Openings between room 13 to 14, room 14 to 15 and room 19)



- [d] Remove wooden frame work complete with glass and build opening close. Plaster and make walls good. (1ea Opening between room 14 to 15)
- [e] Demolish concrete slab and make floor good. Size 1/ 1840mm long x 630mm wide x 150mm thick (men toilet first floor)
- [f] Demolish brick walls between Reception and store on ground floor and kitchen and store room on first floor and make walls good .Size of wall 2/ 4260mm long x 3000mm high x 114mm thick
- [g] Stack all rubble clear of traffic ready for removal

## 2. Carpenter work:

- [a] Remove and replace meranti FL+B flash back door complete with 3 lever Union Mortice lockset and 100mm heavy duty brass but hinges with meranti weather board (1ea Workshop)
- [b] Supply and fit new fire door complete with 3 lever Union Mortice lockset and( 3ea) 100mm heavy duty brass but hinges (1ea between workshop and entrance)
- [c] Supply and fit new Sapele Flush Panel Door complete with 3 lever Union Mortice lockset and 100mm heavy duty brass but hinges (1ea Entrance to reception)
- [d] Plane and refit all the doors .Cut bottom of doors prior to porcelain and carpet tiles. Service all the locks to working and lock in good condition. Replace all broken locks and hinges to match existing
- [e] Remove existing numbering from all office doors
- [f] Supply and fit new black numbering on aluminium back ground to all office doors
- [g] Supply and fit new standard sign indication Men / Ladies on toilet doors (3ea)
- [h] Remove iron mongery on Fanlight openings and ironmongery in passage ( 72 ea)
- [i] Fix fanlight sashes to frame (72ea)
- [j] Remove damage plastic skirting from walls (All offices, passages and entrance of building)
- [k] Supply and fit new 70mm SAP skirting boards in all offices
- [l] Supply and fit new 19mm SAP quadrant in all offices
- [m] Refit loose door frame at room 5

## 3. Plumbing Work:

- [a] Remove old toilet pans with cisterns and replace with new white porcelain pans and white 9 litre porcelain cisterns with heavy duty plastic toilet seat from Vaal Potteries or similar complete with plumbing (6ea Men and ladies toilets)
- [b] Remove old wash hand basins. Supply and fit new white porcelain wash hand basins complete with "COBRA" standard star head No.111 pillar cocks and Chrome Plated waste outlet and plumbing (5ea men and ladies toilet)
- [c] Remove old urinals and replace with new white porcelain wall hung urinal complete with new waste pipes and plumbing, using watertech exposed fj.6000 flush master valve KM2.302 C.P All water and waste pipes to be chased in walls and floor ( 4ea men toilet Ground and First floor)
- [d] Remove old sink and replace with new 1200mm double bowl sink complete with waste outlet, waste pipes, plumbing and cobra sink mixer star head. Sink to be fitted into new cupboards (2ea kitchen ground and first floor)
- [e] Supply and fit new 10 litre Prisma Under Basin geyser complete with water pipes and

- plumbing to sinks on ground and first floor kitchens (Zea)
- [f] Supply and fit new 15 litre Hydro Boil above sink complete with water pipes and Plumbing (Zea Kitchen ground and first floor)
- [g] Chase all waste and water pipe works into wall where necessary. Use only copper pipes 460 class 2. All the pipe work shall be inspected before closing with plaster.
- [h] Remove existing cast iron 110mm sewer pipe complete in men toilet (Ground Floor)
- [i] Repair concrete ceiling between men toilet on ground and first floor after removal of cast iron sewer pipe

#### 4. Concrete Ramp and Hand Rails :

- [a] Remove exterior steps complete at entrance to building
- [b] Provide new concrete ramp 3300mm wide x 3000mm long x 320mm thick
- [c] Concrete to be 15mpa
- [d] Concrete to be wood float and broom finish
- [e] Supply and fit hand rails on both sides of the ramp, manufactured from 40 mm stainless steel Class 316. Cast hand rail footings in concrete 400mm x 400mm x 400mm deep

#### 5. Shop fronts:

##### “Nu-Klip” Shop front System in White Power Coated Aluminium

- [a] NK111D and NK DREB 15 and NKR4F to be used for all vertical Mullions in shop fronts.
- [b] NKR6 and NKR4 WP to be used for all vertical stiles of Hinge doors.
- [c] NKR6 to use as bottom rail on all doors and shop fronts.
- [d] Hinge door leafs to have 4 “Alufab” 100mm Hinges

**Glass** 6.38mm Solar Shield S10 silver with machine polished edges  
Wind loading 1500 pascals

**Ironmongery:** (1) Deadlock and latch (35mm Backset) with Sheerlever Handles.  
(2) “Alufab” 100mm Hinges.  
(3) Dorma Door Closers TS68 Silver finish

##### Performance specs on glass:

|                        |       |
|------------------------|-------|
| Light Transmission     | 90%   |
| Light Reflection       | 8%    |
| Solar Heat Elimination | 95%   |
| Sound Trans Loss       | 33 db |

All work to comply with 1/175 deflection rule, AAAMSA, SAGGA and National Building Regulations.

**Certificate:** A certificate of compliance to be issued on completion.

**Notes:**

- (1) All safety glass to be marked.
- (2) Wind loading to be 1500 pascals
- (3) Top and bottom glass panels to be 6.38mm solar Shield S10 silver with machine polished edges

**Size of shop front panels:**

- (1) 1/ 3270mm wide x 2550mm high with double doors , frame and locking Device to match existing. (6.38mm Solar Shield with machine polished edges) Entrance to building
- (2) 1/ 2600mm wide x 1660mm high with service hatch as per sketch.( 6.38mm clear safety glass) in reception area

**NB. All the shop front panels must be fitted as per attached plan.  
Correct sizes of shop fronts must be measured on site**

**6. Partition:**

[a] Supply and install Donn-D/WALL ULTRASTEEL STUD Track 63.5mm x 600mm centres and cover with GYPROC RHINOBOARD T/E]2.5mm on both sides fix with 25mm and 41mm drywall screws at 300mm centres.

[b] Skimmed joint, using DONN-RHINO TAPE self-adhesive fibre tape to cover joints before skimming.

[c] Skim drywall partition to a smooth and fair finish with GYPROC –RHINOGLIDE PLASTER.

**Size of drywall partitions:**

1. 1/ 4260mm wide x 3000mm high

**7. Built in Cupboards:**

- [a] Remove existing build in cupboards in reception area, kitchen first and ground floor
- [b] Remove existing post form tops from walls in room 12
- [c] Supply and fit new built-in cupboard with 900mm x 38mm post form top bull nose both sides complete with shelves, doors, door handles, hinges and cylinder locks as per sketch.

**Size of cupboard (Reception Area)**

1/ 2700mm long x 1020mm high x 550mm deep

[d] Supply and fit new built-in cupboards with 600mm x 38mm post form top complete with shelves, doors, door handles, hinges and cylinder locks as per sketch. ( Kitchen First and ground floor)

**Size of cupboards (Kitchen First floor)**

1/ 3600mm long x 900mm high x 550mm deep (Cupboard for 1200mm double bowl sink)  
2/ 3700mm long x 900mm high x 550mm deep

**Size of cupboards (Kitchen Ground floor)**

1/ 1775mm long x 900mm high x 550mm deep (Cupboard for 1200mm double bowl sink)  
1/ 2400mm long x 900mm high x 550mm deep with four (4) drawers  
1/ 2400mm long x 600mm high x 300mm wide

[e] Supply and fit 600mm x 38mm Black Slate Post Form Top against walls with 63mm dia. Satin Chrome adjustable legs at 800mm centres. (Room 9, room 12, room 14 and reception area)

**Size of tops**

1/ 7400mm long x 730mm high x 600mm wide  
3/ 3660mm long x 730mm high x 600mm wide  
1/ 9200mm long x 730mm high x 600mm wide  
1/ 5440mm long x 730mm high x 600mm wide  
1/ 4000mm long x 730mm high x 600mm wide

**NB!!!!**

**All timber for Built in cupboards to be Cherry wood Melamine Doors, Black Slate Post Form Tops. Cream Melamine shelves. Satin Chrome B2652 x 96mm Handles, Ferrari Hinges and cylinder locks**  
**All sizes of build in cupboards and post form tops against walls must be measured on site**

#### 8. Shelving:

- [a] Supply and fit 2450mm high white wallbands against walls 500mm apart (Room 15)
- [b] Supply and fit 457mm wide white brackets onto wallbands
- [c] Supply and fit 455mm wide x 19mm thick laminated shelving onto brackets
- [d] Prepare and apply two coats clear varnish to laminated shelving both sides

#### Size of Laminated Shelves:

- 10/ 3850mm long x 455mm wide x 19mm thick
- 5/ 2850mm long x 455mm wide x 19mm thick

#### 9. Venetian Blinds:

- [a] Supply and fit new 25mm blade Venetian blinds, colour "Aluminium" in all offices, Passages and kitchens
- [b] The Contractor must supply an sample of material that would be used, to the Project Manager before they manufacture any blinds
- [c] Correct measurements of blinds must be taken on site before manufacture of any blinds

Size of blinds 68 off 1640mm wide x 1520 mm high.

#### 10. Wall tiles:

- [a] Remove existing damage wall tiles from walls in kitchens, ladies and men toilets
- [b] Prepare all walls in toilets and kitchens for tiling up to ceiling high
- [c] Apply Key-it and cement on walls before tiling
- [d] Tile wall with 200mm x 200mm code MWC-4 Matt White wall tiles with 3m spacing. Use white grout and finish off all the corners with white plastic edge cover strip. Wall tiles available from all Tile Africa outlets
- [e] Supply and fit mirrors above wash hand basins. Size of mirrors 400mm long x 400mm wide x 4mm thick and must be flush with the tiles and fix to wall with two way tape (5ea)
- [f] Supply and fit white 2 (two) roll lockable toilet paper dispenser attached to wall, one in each Toilet (6ea)

#### 11. Floor Tiles:

- [a] Remove existing vinyl floor tiles on interior floors complete
- [b] Remove existing tiles from interior and exterior steps, raisers and landings
- [c] Prepare floors, steps, raisers, landings and ramp for tiling. Chip floors to obtain rough surface before tiling (Entrance of building, Reception Area, Room1, Room14, Passages, All toilets, All kitchens, exterior and interior steps, raisers, landings and ramp)
- [d] Lay interior porcelain floor tiles 300mm x 300mm code 3333N available from all Tile Africa Outlets. Use only tile adhesive for porcelain tiles with 6mm spacing, use dove grey grout. Finish of with heavy duty aluminium strip between ceramic and carpet tiles and at all door entrances.
- [e] Lay exterior porcelain floor tiles 300mm x 300mm code 3333W available from all Tile Africa Outlets. Use only tile adhesive for porcelain tiles with 6mm spacing, use dove grey grout. (Exterior landings and ramp)
- [f] All steps to be finished with heavy duty non slip aluminium strips on front edges
- [g] Supply and fit 100mm wide skirting out of floor tiles complete with white nylon tile edge on Top (Entrance of building, Reception Area, Room1, Room14, Passages, All toilets, All Kitchens)

#### 12. Carpet Tiles:

- [a] Remove existing damage carpet tiles from floors in all offices
- [b] Prepare floors for new carpet tiles in all offices
- [c] Supply and fit new 500mm x 500mm, FINISH A- BEBER POINT 920 Plain back colour CHARCOAL. Finish off with aluminium strips between carpets and ceramic tiles and all door entrances in all offices

#### 13. Security gate:

- [a] Supply and fit white fully framed Aluminium Xpanda Trellis door complete with Slamlock to suit opening 2150mm high x 1000mm wide at room 15 (Correct size must be taken on site)
- [b] Supply and fit flat bar 1000mm long x 40mm wide x 6mm thick. Flat bar to be hot dipped galvanised to class A, and white powder epoxy coated (3ea)

#### 14. Interior Walls and Window Sills:

- [a] Prepare interior walls for painting.
- [b] Apply one coat plaster primer on new plastered walls and where necessary
- [c] Apply one coat universal white undercoat on all gloss surfaces



- [d] Apply three coats Dulux Wash N Wear Silk colour Barely Beige code 3H1-1 to interior walls  
**Note:** Apply three coats Dulux Wash N Wear Silk colour Wood Moss code 5K3-5 to interior walls of entrance, staircase, passages on ground and first floors and Room 14
- [e] Prepare interior window sills for painting
- [f] Apply two coats Dark Grey floor paint to interior window sills
- [g] Prepare and paint asset no 02YA100E in black paint on exterior walls

**15. Ceilings, Beams and Underside of stairs:**

- [a] Prepare ceilings, beams and underside of stairs for painting.
- [b] Apply one coat of white primer where necessary
- [c] Apply one coat of White Universal Undercoat on all gloss surfaces
- [d] Apply two coats Dark Grey floor paint or similar as final coat

**16. Doors, Door Frames, Fanlight Sashes and Fanlights frames**

- [a] Prepare all doors, door frames, fanlight frames and fanlight sashes for painting
- [b] Apply one coat pink wood primer to new door and door frames and all bare areas
- [c] Apply one coat "White Universal undercoat" and two coats Dulux Eggshell Enamel colour River Rock code 6J1-7 to all doors.
- [d] Apply one coat "White Universal undercoat" and two coats Dulux Eggshell Enamel colour White to all door frames, fanlight frames and Fanlight sashes

**17. Skirting Boards, Quadrants and Cement floor:**

- [a] Prepare skirting boards, quadrants and cement floor for painting.
- [b] Apply one coat pink wood primer to new skirting boards and quadrants
- [c] Apply one coat " White Universal undercoat and two coats Dulux Eggshell Enamel colour Pearlglö Lockness code 3L1-5 to all skirting boards and quadrants
- [d] Apply two coats non slip Dark Grey floor paint to floor in Workshop

**18. Staircase Hand rails:**

- [a] Prepare interior staircase hand rails and cast iron sewer pipes at toilets for painting
- [b] Apply one coat NS4 primer on bare and rusted area
- [c] Apply one coat White Universal Undercoat and two coats Dulux Eggshell Enamel colour Pearlglö River Rock code 6J1-7 as final coat



**19. Traffic lines:**

- [a] Prepare tar surface around concrete ramp for painting of traffic lines
- [b] Paint traffic lines, two coats, using Yellow traffic road marking paint

**20. Incompetent Employees:**

Any person employed by the contractor on the work who is, in the opinion of the Project Manager incompetent, or who may act in such an improper manner, may be discharge from the work by the Project Manager and such a person shall not again be employed on the work without the permission of the Junior Manager, contractor and his / hers employees can be tested for substance abuse at any given time

**21. Drawings:**

The following sketches apply to this contract. Sketch plan = 7 pages and is not to scale

**22. Time To Complete The Work:**

- [a] Time to complete the work will be 70 (Seventy Working days)
- [b] Failing to complete the work as accepted, the contractor shall pay a penalty a Penalty sum of R.500.00 (Five hundred) per day or part thereof which the works remain incomplete.

**23. Guarantee:**

All workmanship and material shall be guaranteed for a period of 2 years, from the date of completion of work

**24. Risks Assessment:**

- [a] Working with scaffolding.
- [b] Working with step ladders.
- [c] Working with low hazardous paint
- [d] Working with flammable liquid
- [e] Working with electric tools

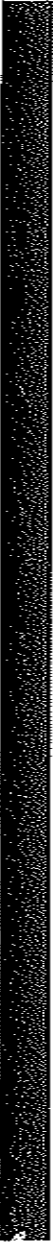
**25. Safety.**

- [a] The contractor must, on a regular basis, liaise with the Project Leader and the Depot Manager must, on regular basis, be provided with an updated program
- [b] The working area is to be barricaded on a daily basis.
- [c] At all times the safety aspect of the project must be treated as very important
- [d] Workers to wear safety clothing at all times

**26. General.**

- [a] All surfaces to be cleaned properly and must be inspected by the Project Leader before painting commence.
- [b] All material to be SABS approved. Adhere to manufacturers specifications and instructions.
- [c] Where trade names are used it can be on similar and approved by project leader on site.
- [d] **All dimensions and quantities to be checked on site by tenderer before commencing with the work**
- [e] **All drawings and plans are not to scale.**
- [f] All rubble and hazardous material to be dumped at an approved dumpsite.
- [g] **Contractor to adhere to all regulations and safety as Occupational health and Safety Regulations Act 85 of 1993**
- [h] Adhere to the safety rules and regulations of the Depot.
- [i] All contract workers will attend a safety induction course presented by Transnet freight rail
- [j] **The Building will be occupied during renovations**

**"PREVIEW COPY ONLY"**

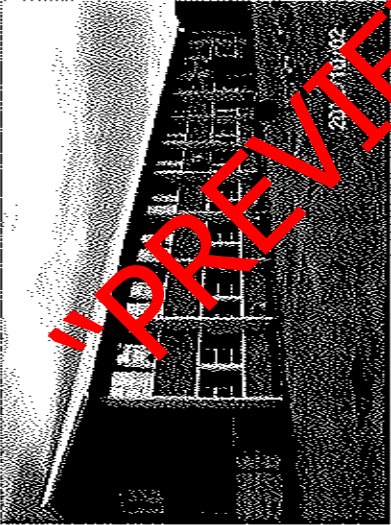


**Geo-Spatial Images**

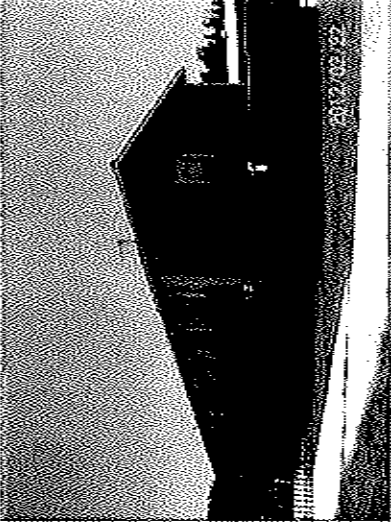
Asset: 02YA100E  
Asset Group: 12  
Description: NORTH END COMMS BLOC

Src: Images, Image #:

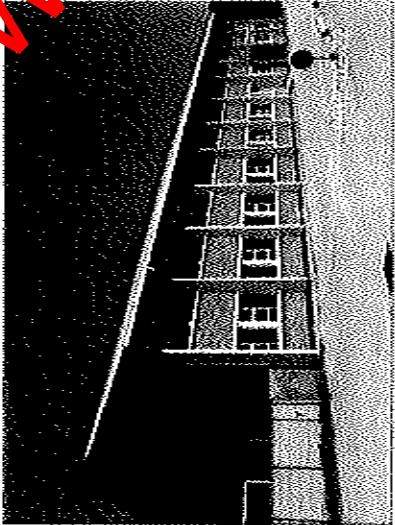
**Asset Images**



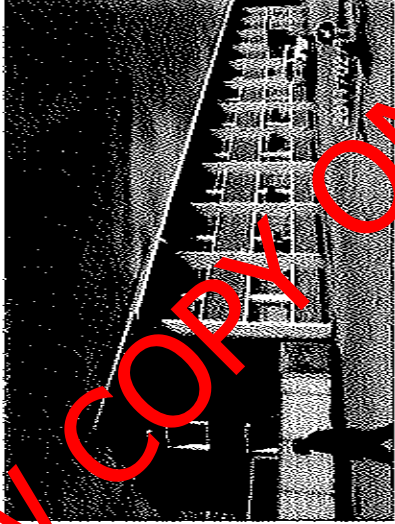
Asset:02YA100E - View from :Unspecified  
Date: 02-Oct-2012 File No:35004263 (3/12)



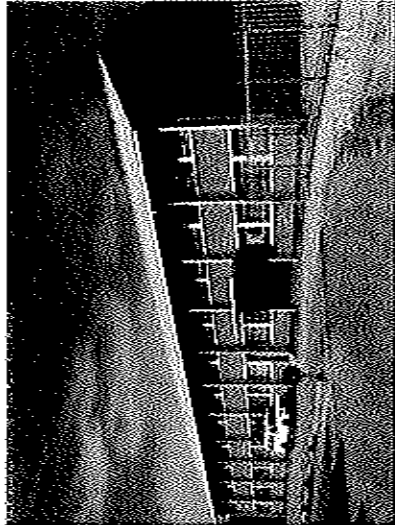
Asset:02YA100E - View from :Unspecified  
Date: 22-Feb-2012 File No:35001308 (2/12)



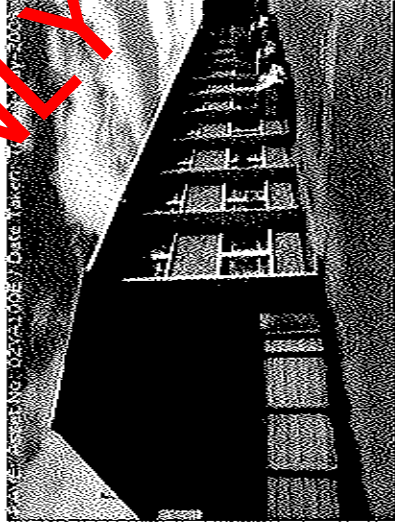
Asset:02YA100E - View from :Unspecified  
Date: 22-Feb-2012 File No:35001309 (3/12)



Asset:02YA100E - View from :Unspecified  
Date: 11-Feb-2011 File No:30029061444




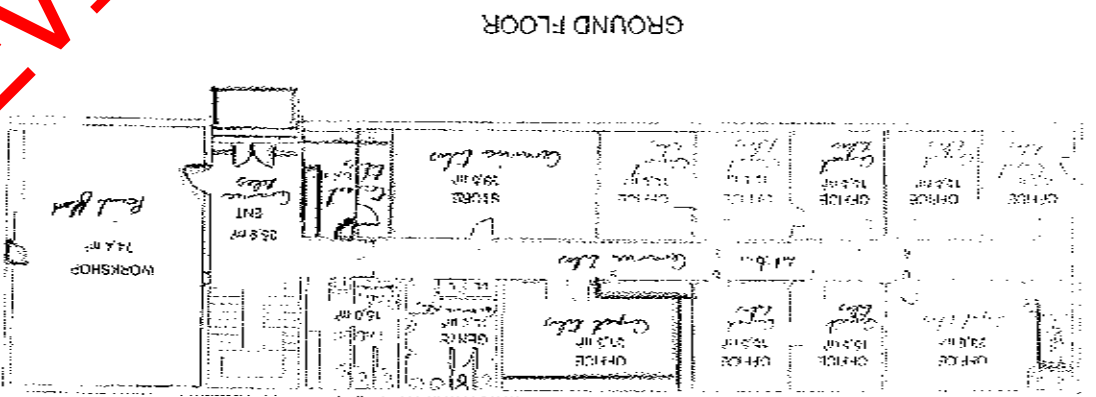
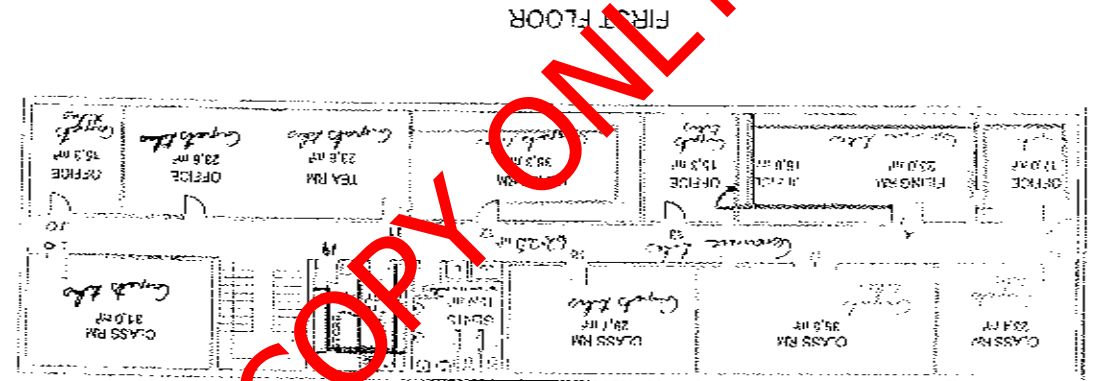
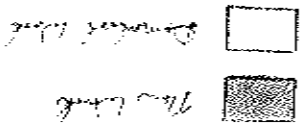
Asset:02YA100E - View from :45° RIGHT  
Date: 11-Feb-2011 File No:30029928 (5/12)



Asset:02YA100E - View from :45° LEFT  
Date: 19-May-2009 File No:30018724 (6/12)

PREVIEW COPY ONLY

|  |                            |
|--|----------------------------|
| PROJECT'S BUILDING OVER PORTION OF<br>PLOT 3341 NORTH END<br>WILSON MANOR & BAY MUNICIPALITY   |                            |
| <b>NORTH END</b><br><b>ASSET 02YA100E</b>  |                            |
|  <b>TRANSNET</b><br>TRANSPORTATION<br>CONSULTING<br>200 W. 10TH ST. SUITE 200<br>VANCOUVER, BC V6P 4M5<br>TEL: 604.278.8888 |                            |
| PROJECT MANAGER: [Signature]<br>PROJECT MANAGER: [Signature]   |                            |
| PLAN No. 02YA100E  | Rev. 001                   |
| Date: 2009-05-08   | Scale: 1/200               |
| Checked: E.L.T. (initials)   | Completed: C.M. (initials) |

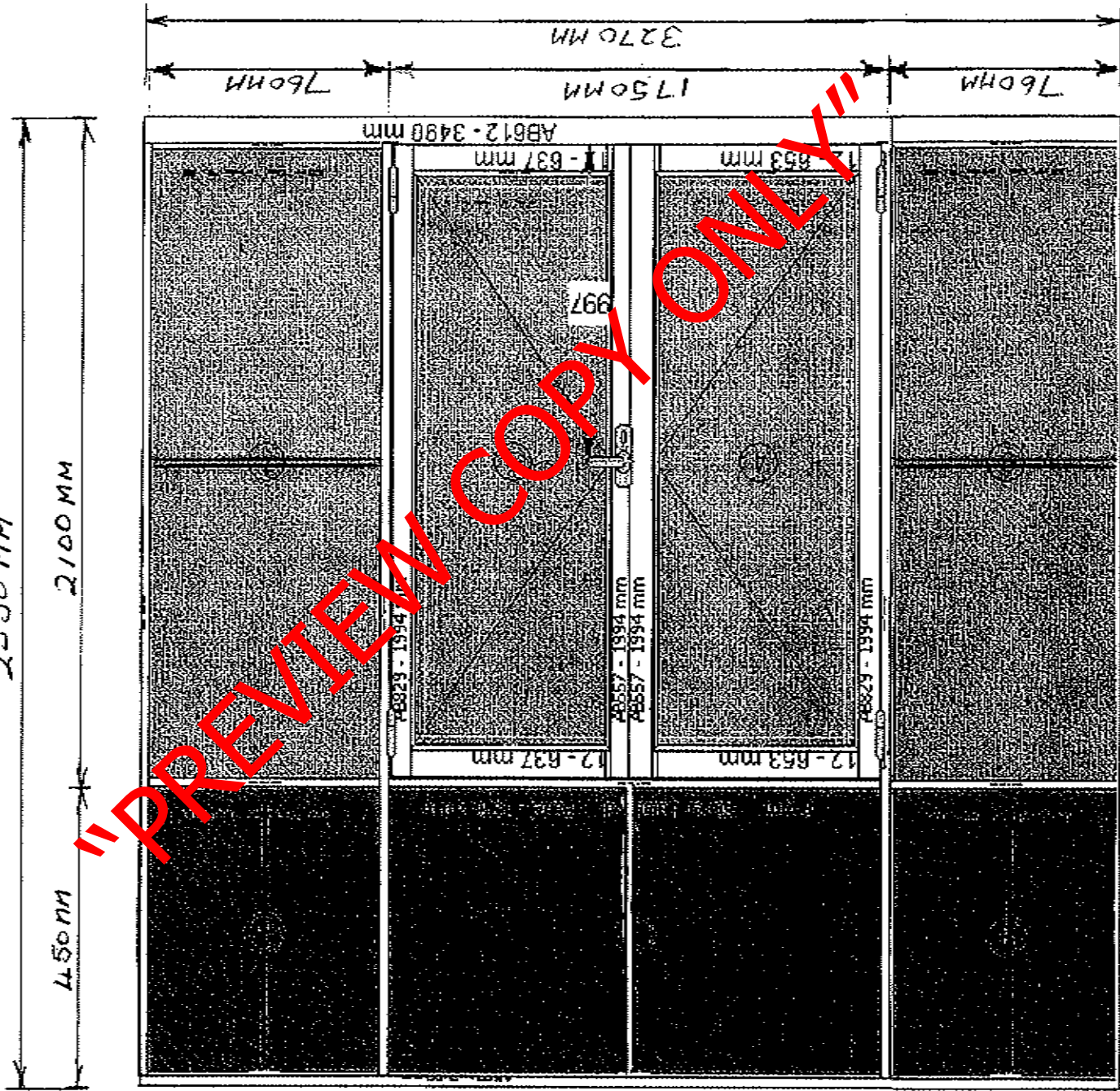


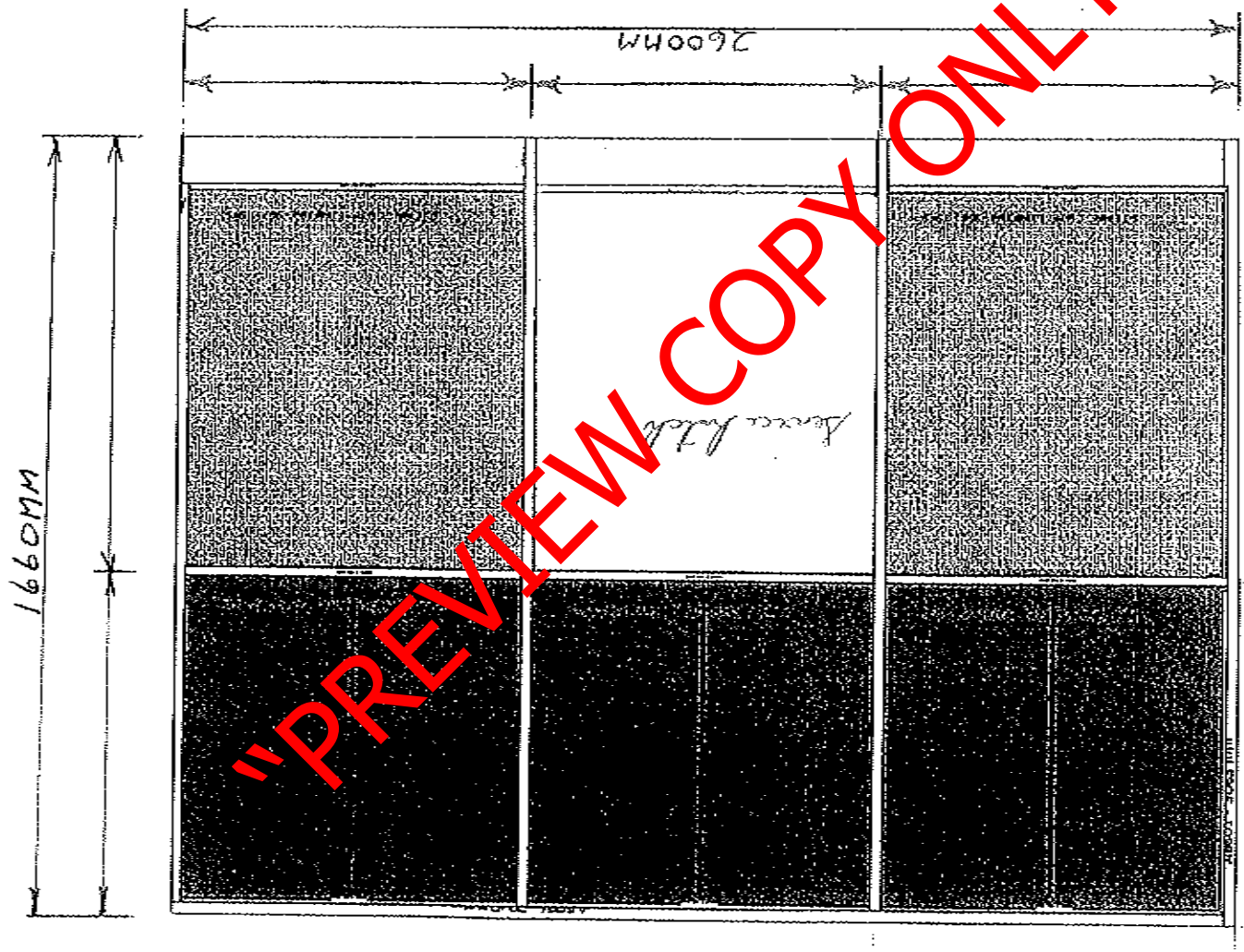
"PREVIEW COPY ONLY"



20M

Top and Bottom to be 6-38mm *Alu* Slid S10 *Alu* with machine polished edges

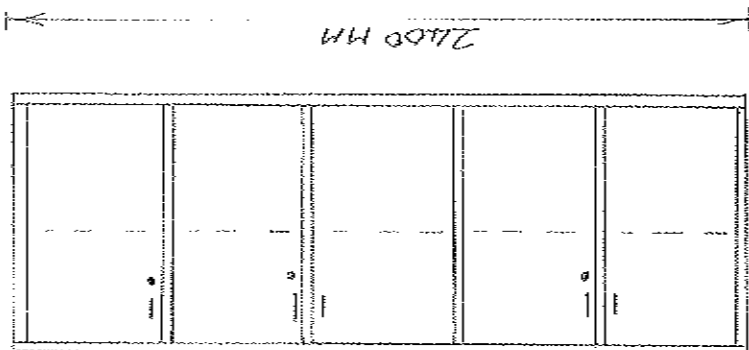
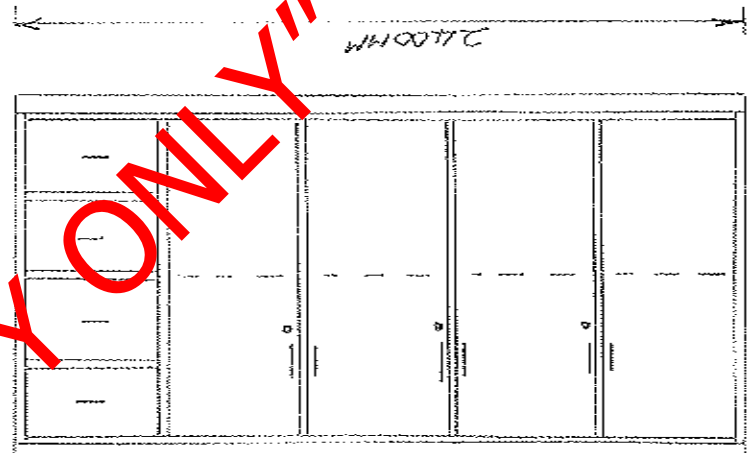
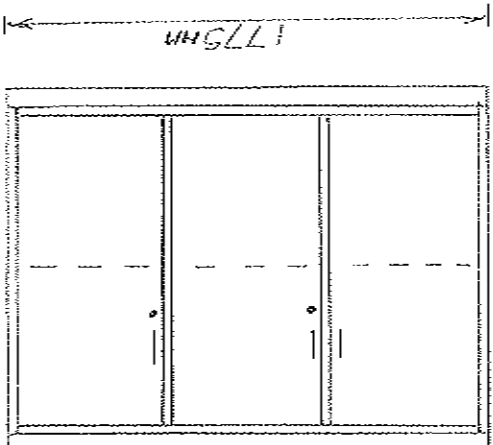




Call Panel 6.38mm Soft Glass  
Glass



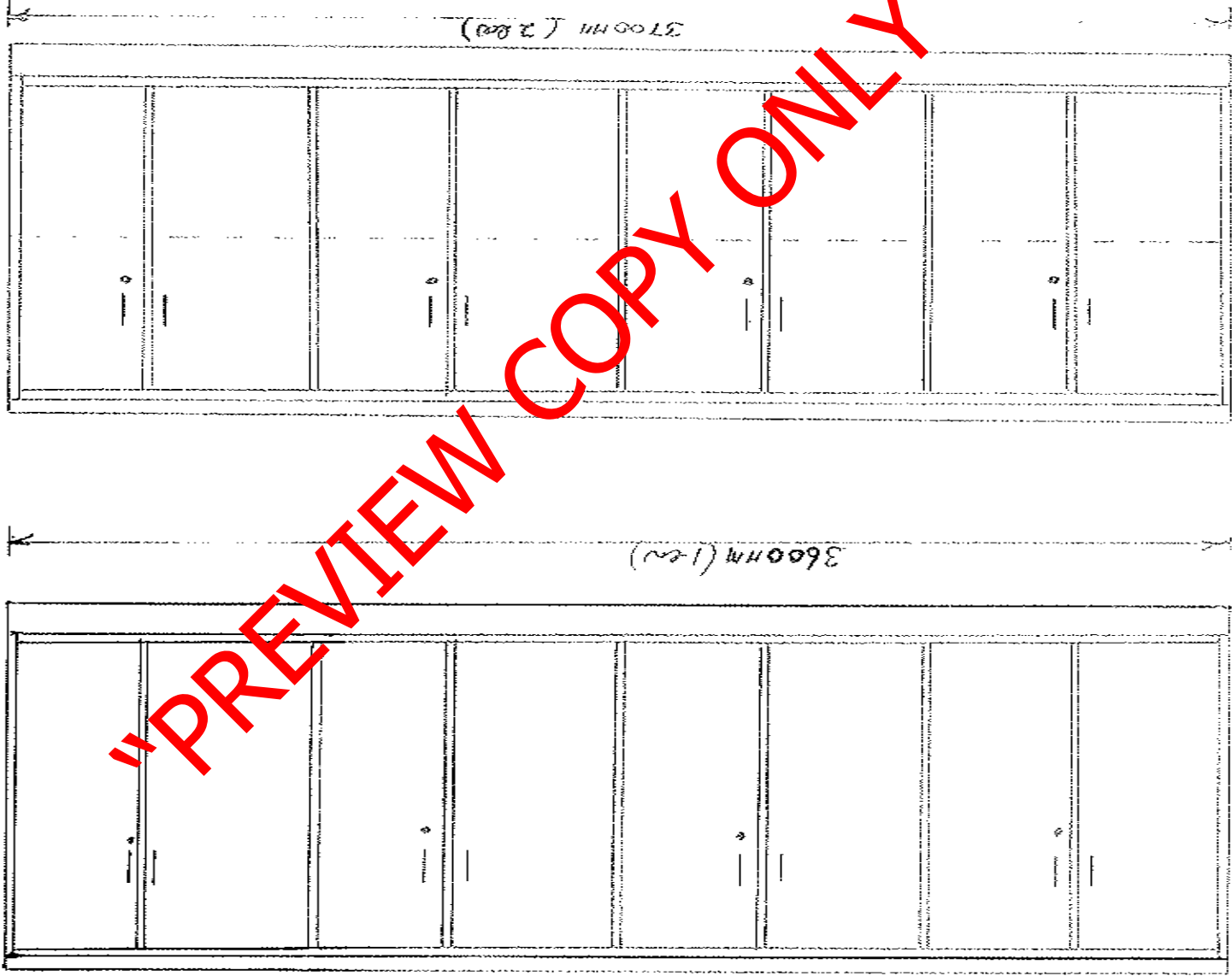
CURBBOARDS FOR KITCHEN AT GROUND FLOOR



"PREVIEW COPY ONLY"

20P

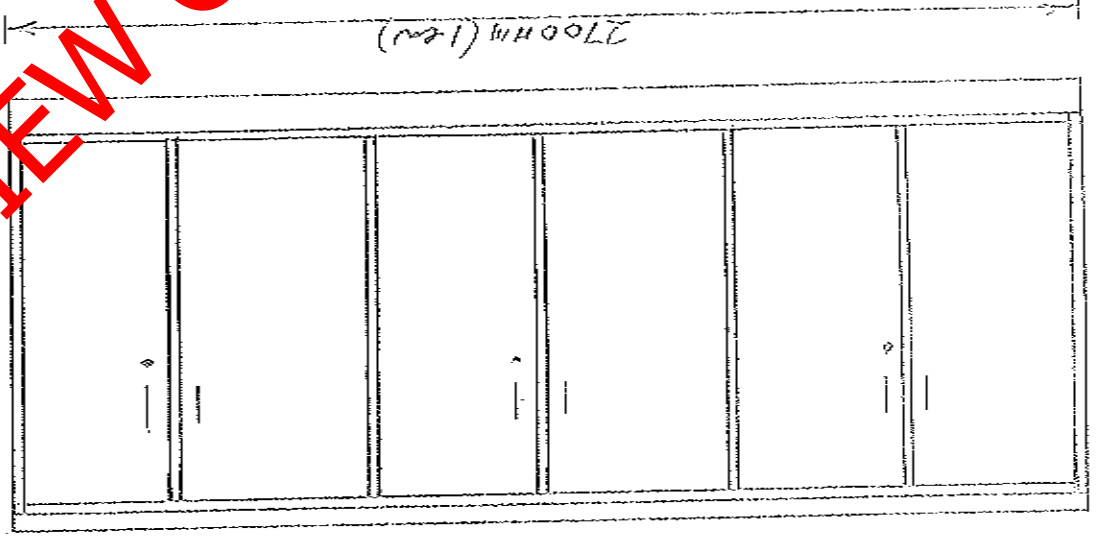
CUPBOARDS FOR KITCHEN FIRST FLOOR



900MM

900MM

"PREVIEW COPY ONLY"



CUPBOARD RECEPTION AREA GROUND FLOOR

TRANSNET SOC LIMITED  
(REGISTRATION NO 1990/000900/30)

trading as TRANSNET FREIGHT RAIL  
(hereinafter referred to as TRANSNET)

RFQ PTH 52466

UPGRADE ( Incl ELECTRICAL ) AND PAINTING OF OFFICES AT THE S.O.R.  
(02YA100E ) AT NORTH END PORT ELIZABETH

PART B

SECTION 1

1. GENERAL

1.1 Scope of work:

- 1) The upgrading of lighting, power skirting etc. of various offices on the ground and first floor.
- 2) The installation of elect circuits to new geyser and hydro boil in kitchens.
- 3) The upgrading of Distribution Board and Test report ( COC ) for the Elect. work done.

1.2

Standard Specification

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

1.2.1

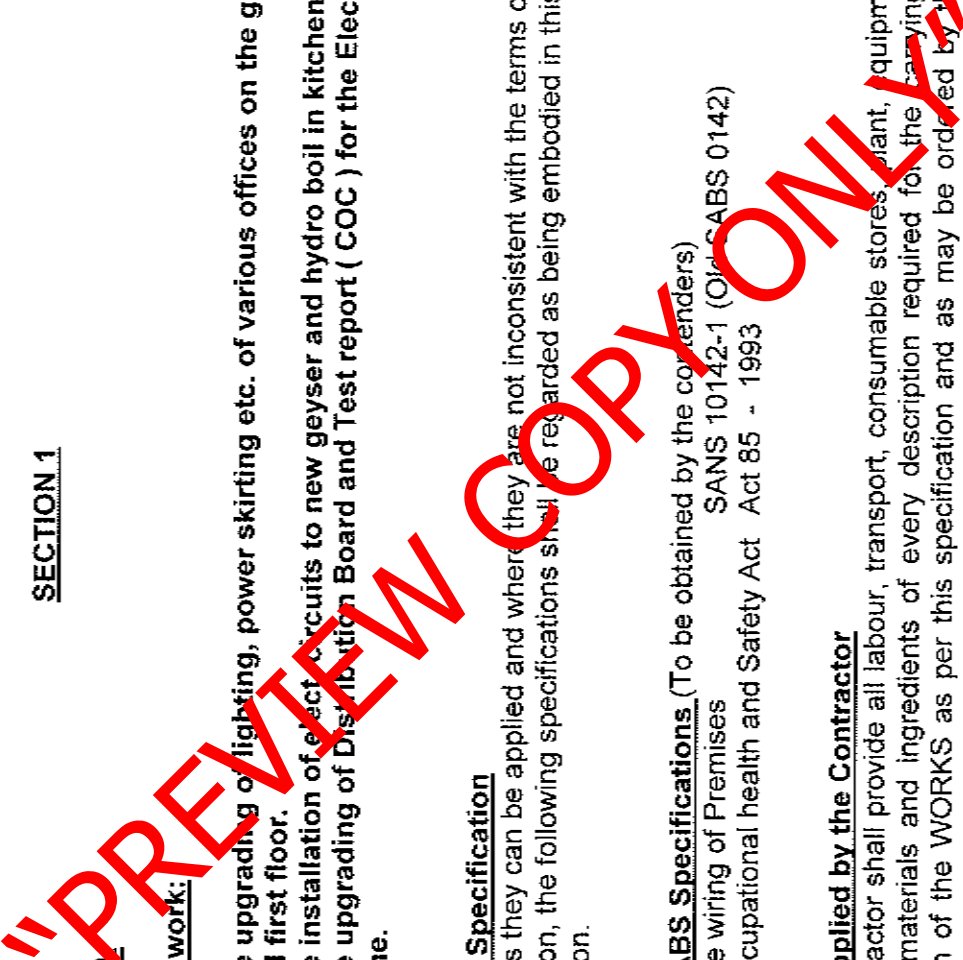
SABS Specifications. (To be obtained by the contractors)

The wiring of Premises SANS 10142-1 (Old SABS 0142)  
Occupational health and Safety Act Act 85 - 1993

1.3

To be supplied by the Contractor

The Contractor shall provide all labour, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORKS as per this specification and as may be ordered by the Project Manager.



## SECTION 2

### Electrical Work

2

**General:**

The contractor shall ensure that the SANS 10142-1 Wiring of Premises is adhered to and that the relevant Health and Safety Act are met.

Electrical contractor to remove all left over material, rubble, and electrical equipment stripped by the contractor and is for his own property.

All material and equipment used to be S.A.B.S. approved and workmanship to be of a high quality and standard, done to the satisfaction of TRANSNET FREIGHT RAIL's site supervisor.

**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.**

### PROJECT SPECIFICATION

#### GROUND FLOOR

**a) Entrance/Outside**

Remove existing light at the entrance and replace with **1 x 18W PL9** fitting with daylight sensor fitted in the light.

Remove and replace existing periphery security light with **4 x 125W MV** light fittings, also replace the **daylight switch** similar to existing.

**b) Entrance/Foyer and Passage**

Remove all the electrical switchgear plugs, lights and light switches.

Install **1 x 3 Lever** and **1 x 1 Lever Crabtree Diamond Range** light switches on the inside of the entrance.

Install **6 x 4ft Single Decorative Fluorescent light fittings** in place of existing light fittings.

Cover open round box with lid under the staircase.

Replace **2 x old 4x4 plugs with new Crabtree Diamond Range** plugs.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**c) Workshop**

Install **2 x two-way 1Lever Crabtree Diamond Range light switches** to complete new two way light circuit in the workshop area. This is to accommodate switching from the old entrance as well as the new entrance.

**d) Entrance/Reception**

Remove all the electrical switchgear plugs, lights and light switch, *take note that the wall is going to be broken down and the switch will have to be re-routed.*

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting, move light fitting to the centre of the room.

Install dual duct **0 Line power skirting** as per drawing (**+ - 4m**)

Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.

Replace **1 x old 4x4 plugs with new Crabtree Diamond Range** plug for access control.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**e) Room 1/Store**

Remove all the electrical switchgear plugs, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **3 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.  
*(Space new lights evenly across the room)*  
 Install dual duct **0 Line power skirting** as per drawing **(+-20m)**  
 Fit **12 x Normal** plugs evenly across the room, in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**f) Room2 (Tommy)**

Remove all the electrical switchgear plugs, trunking, light and light switch.  
 Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
 Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
 Install dual duct **0 Line power skirting** as per drawing **(+- 4m)**  
 Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**g) Room2**

Remove all the electrical switchgear plugs, trunking and light.  
 Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
 Install dual duct **0 Line power skirting** as per drawing **(+- 4m)**  
 Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**h) Room3 (Paul)**

Remove all the electrical switchgear plugs, trunking, light and light switch.  
 Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
 Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
 Install dual duct **0 Line power skirting** as per drawing **(+- 4m)**  
 Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**i) Room 4 (Deon)**

Remove all the electrical switchgear plugs, trunking, light and light switch.  
 Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
 Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
 Install dual duct **0 Line power skirting** as per drawing **(+- 4m)**  
 Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**j) Room 5**

Remove all the electrical switchgear plugs, trunking, light and switches.  
 Install **1 x 1 Lever Crabtree Diamond Range** light switch.  
 Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
 Install dual duct **0 Line power skirting** as per drawing **(+- 6m)**  
 Fit **2 x Normal** and **1 x Dedicated trunking plugs** in the trunking.  
 Label each light switch and plug to correspond with the matching breaker in the main board.

**k) Kitchen Ground Floor**

Remove all the electrical switchgear plugs, trunking, light and light switch.  
 Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
 Install **1 x 4ft Single Decorative Fluorescent light fitting** in place of existing light fitting and it must be fed via a **CMR 10** motion sensor.  
 Install **3 x flush mounted 4x4 plugs**. These plugs should be mounted in the centre of the cupboard at a height of **150mm above the top of the cupboard**.  
**Two new circuits must be drawn from the Ground Floor Main Board DB1 to supply the Hydro Boil and a Mini geyser**. These circuits can run in the power skirting, note that holes must be drilled through the walls where trunking butt against it.



The Hydro Boil must be fed from a **20Amp SP+N Circuit Breaker/Isolator**, through a **30Amp Isolator** surface mounted, via a **Time switch** housed in a York Enclosure with a transparent lid. The transparent lid so that the Time Switch can be visible (*exact position to be discussed on site*). The Mini geyser must be fed through a **20Amp SP+N Circuit Breaker/Isolator and 30Amp Isolator** surface mounted.

Label the light switch and plugs and isolator to correspond with the matching breaker in the main board.

**l) Room 6**

Remove all the electrical switchgear plugs, trunking, and lights.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **2 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.

Install dual duct **O Line power skirting** as per drawing (+- 6m)

Fit **6 x Normal** and **6 x Dedicated trunking plugs** in the trunking.

Label each light switch and plug to correspond with the matching breaker in the main board.

**m) Room 7**

Remove all the electrical switchgear plugs, trunking, and lights.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.

Install dual duct **O Line power skirting** as per drawing (+- 10m)

Fit **4 x Normal** and **3 x Dedicated trunking plugs** in the trunking.

Label each light switch and plug to correspond with the matching breaker in the main board.

**n) Room 8 (Nellie)**

Remove all the electrical switchgear plugs, trunking, light and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.

Install dual duct **O Line power skirting** as per drawing (+- 4m)

Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.

Label each light switch and plug to correspond with the matching breaker in the main board.

**o) Room 9 (New Computer Room)**

Remove all the electrical switchgear plugs, trunking, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **3 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.

Install **1 x Normal 4x4 plug Crabtree Diamond Range** mounted on the ceiling surface for a **Proxima**, the wires to the plug can be placed in YT2 trunking.

Install dual duct **O Line power skirting** as per drawing (+- 15m) *Note that the trunking will be installed on the postform top shelving for the computers.*

Fit **15 x Normal** and **15 x Dedicated trunking plugs in the trunking.**

Label each light switch and plug to correspond with the matching breaker in the main board.

**p) Mens Toilet**

Remove all the electrical switchgear lights, fan and light switch.

Install **1 x 2 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **2 x PL9 18 W CFL light fittings** in place of existing light fittings.

Replace the **extractor fan** with new **CX 10 Xpelair** extractor fan, install the fan in 6mm thick white translucent Perspex in window. The electrical supply to the fan must operate via the light switch. Install a **2x4 30Amp** isolator in line with fan supply.

Label the light switch to correspond with the matching breaker in the main board.

**q) Ladies Toilet**

Remove all the electrical switchgear lights, fan and light switch.

Install **1 x 2 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **2 x PL9 18 W CFL light fittings** in place of existing light fittings.

Replace the **extractor fan** with new **CX 10 Xpelair** extractor fan, install the fan in 6mm thick white translucent Perspex in window. The electrical supply to the fan must operate via the light switch.  
Label the light switch to correspond with the matching breaker in the main board.

**r) Main board Ground Floor and Compliance Certification**

Two **Dedicated circuits** must be installed from the mainboard to the dedicated plugs and be fed via **20Amp Circuit Breakers** respectively. These circuits must run in YT4 trunking until where it meets up with the dual channel O Line Power skirting.

The **entire Main Board must be upgraded**, old breakers replaced as per schedule. Circuits balanced and **3 x single phase Earth Leakage** units be installed, one per phase.  
Note that a floor in program (*equal to the existing*) of the circuits will be required and must be laminated.

A **test report (old COC)** must be provided for the whole section of the building that alterations have been done on.

**s) Staircase**

Remove existing light and replace with **1 x PL9 18 W CFL light fitting**.

Replace the **2 x two-way** and **1 x Lever Crabtree Diamond Range** light switches with new.

**FIRST FLOOR**

**t) Passage**

Remove all the electrical switchgear plugs, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch at Room 17.

Install **6 x 4ft Single Decorative Fluorescent light fittings** in place of existing light fittings.

Replace **3 x old 4x4 plugs** with new **Crabtree Diamond Range** plugs.

Label each light switch and plug to correspond with the matching breaker in the main board.

**u) Room 10**

Remove all the electrical switchgear light and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing.

Label each light switch and plug to correspond with the matching breaker in the main board.

**Note the trunking in this room must remain as is.**

**v) Room 11**

Remove all the electrical switchgear plugs, lights and light switches.

Install **2 x 1 Lever Crabtree Diamond Range** light switches on the inside of the entrances.

Install **3 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.

Install dual duct **O Line power skirting** as per drawing (**+ - 18m**)

Fit **12 x Normal** and **12 x Dedicated trunking plugs** in the trunking

Supply power to the **Isolator of Air conditioner** on the outside of Room 11 via **Curve 1 Circuit Breaker (orange toggle)**.

**w) Room 12**

Remove all the electrical switchgear plugs, trunking, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **3 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.

Remove the light above the Air conditioner and cover with blank off.

Install **1 x Normal 4x4 plug** mounted on the ceiling surface for a **Proxima**, the wires to the plug must be placed in **YT2 trunking**.

20W

Install dual duct **O Line power skirting** to replace the existing power skirting (+ - 18m).  
Fit **18 x Normal** and **18 x Dedicated trunking plugs** in the trunking.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**x) Room 13**

Remove all the electrical switchgear plugs, trunking and light.  
Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
Install dual duct **O Line power skirting** as per drawing (+ - 4m)  
Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**y) Room 14 (Mess Room)**

Remove all the electrical switchgear plugs, trunking, lights and light switch.  
Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
Install **3 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fittings.  
Install dual duct **O Line power skirting** as per drawing (+ - 16m)  
Fit **6 x Normal** in the trunking spaced evenly.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**z) Room 15 (Storeroom)**

Remove all the electrical switchgear plugs, trunking, and lights.  
Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
Install **1 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fitting.  
Replace **1 x old 4x4 plug with new Crabtree Diamond Range** plug.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**aa) Room 16**

Remove all the electrical switchgear plugs, trunking, lights and switches.  
Install **1 x 1 Lever Crabtree Diamond Range** light switch.  
Install **2 x 5ft Dual Decorative Fluorescent light fitting** in place of existing light fittings.  
Install dual duct **O Line power skirting** as per drawing (+ - 4m)  
Fit **2 x Normal** and **2 x Dedicated trunking plugs** in the trunking.  
Supply power to the **Isolator of Air conditioner** on the outside of Room 16 via **Curve 1 Circuit Breaker (orange toggle)**.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**bb) Room 17**

Remove all the electrical switchgear plugs, trunking, and lights.  
(*light switch mentioned under heading passage first floor at point t*)  
Install **3 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.  
Install **1 x Normal 4x4 plug** mounted on the ceiling surface for a **Proxima**, the wires to the plug must be placed in YT2 trunking.  
Install dual duct **O Line power skirting** to replace the existing power skirting as per drawing (+ - 14m)

Fit **12 x Normal** and **12 x Dedicated trunking plugs** in the trunking.

Supply power to the **Isolator of Air conditioner** on the outside of Room 17 via **Curve 1 Circuit Breaker (orange toggle)**.

Label each light switch and plug to correspond with the matching breaker in the main board.

**cc) Room 18**

Remove all the electrical switchgear plugs, trunking, and lights.  
Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.  
Install **2 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.  
Install dual duct **O Line power skirting** as per drawing (+ - 10m)  
Fit **4 x Normal** and **3 x Dedicated trunking plugs** in the trunking.  
Label each light switch and plug to correspond with the matching breaker in the main board.

**dd) Room 19**

*This room is dealt with under heading of Kitchen First Floor (point gg)*

**ee) Room 20 (Practical Room)**

Remove all the electrical switchgear plugs, trunking, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **2 x 5ft Dual Decorative Fluorescent light fittings** in place of existing light fittings.

Install dual duct **O Line power skirting** as per drawing (+- 15m)

Fit **12 x Normal trunking plugs** in the trunking spaced evenly across the room.

Label each light switch and plug to correspond with the matching breaker in the main board.

**ff) Mens Toilet**

Remove all the electrical switchgear plugs, trunking, and lights.

Install **1 x 2 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **2 x PL180W CFL light fittings** in place of existing light fittings.

Replace the extractor fan with new **CX 10 Xpelair** extractor fan, install the fan in 6mm thick

white translucent Perspex. The electrical supply to the fan must operate via the light switch.

Label the light switch to correspond with the matching breaker in the main board.

**gg) Kitchen First Floor**

Remove all the electrical switchgear plugs, trunking, lights and light switch.

Install **1 x 1 Lever Crabtree Diamond Range** light switch on the inside of the entrance.

Install **1 x 5ft Dual Decorative Fluorescent light fitting** in a suitable position to accommodate for the extension of the room. The light fitting must be fed via a **CMR10** motion sensor.

Install **4 x flush mounted Crabtree Diamond Range 4x4 plugs**. These plugs should be mounted neatly spaced above the cupboard at a height of **150mm above the top of the cupboard**.

**Two new circuits must be drawn from the First Floor Main Board DB2 to supply the Hydro Boil and a Mini geysier**. These circuits can run in the power skirting, note that holes

must be drilled through the walls where trunking butt against the wall.

The Hydro Boil must be fed from a **20Amp SP+N Circuit Breaker/Isolator**, through a **30Amp Isolator** surface mounted, via a **Time switch** housed in a York End switch with a transparent lid.

The transparent lid so that the Time Switch can be visible (*exact position to be discussed on site*).

The Mini geysier must be fed through a **20Amp SP+N Circuit Breaker/Isolator and 30Amp Isolator** surface mounted.

Label the light switch and plugs to correspond with the matching breaker in the main board.

**hh) Main board First Floor and Compliance Certification**

**Two Dedicated circuits must be installed from the mainboard to the dedicated plugs and be fed via 2 x 20Amp Circuit Breakers** respectively. These circuits must run in YT4 trunking until where it meets up with the dual channel O Line Power skirting.

The entire Main Board must be upgraded, old breakers replaced as per schedule. Circuits balanced and **3 x single phase Earth Leakage** units be installed, one per phase.

Note that a floor diagram (*equal to the existing*) of the circuits will be required and must be laminated.

**A test report (old COC)** must be provided for the whole section of the building that alterations have been done on.

**Note that all the fittings and material supplied and used must be SABS approved.**

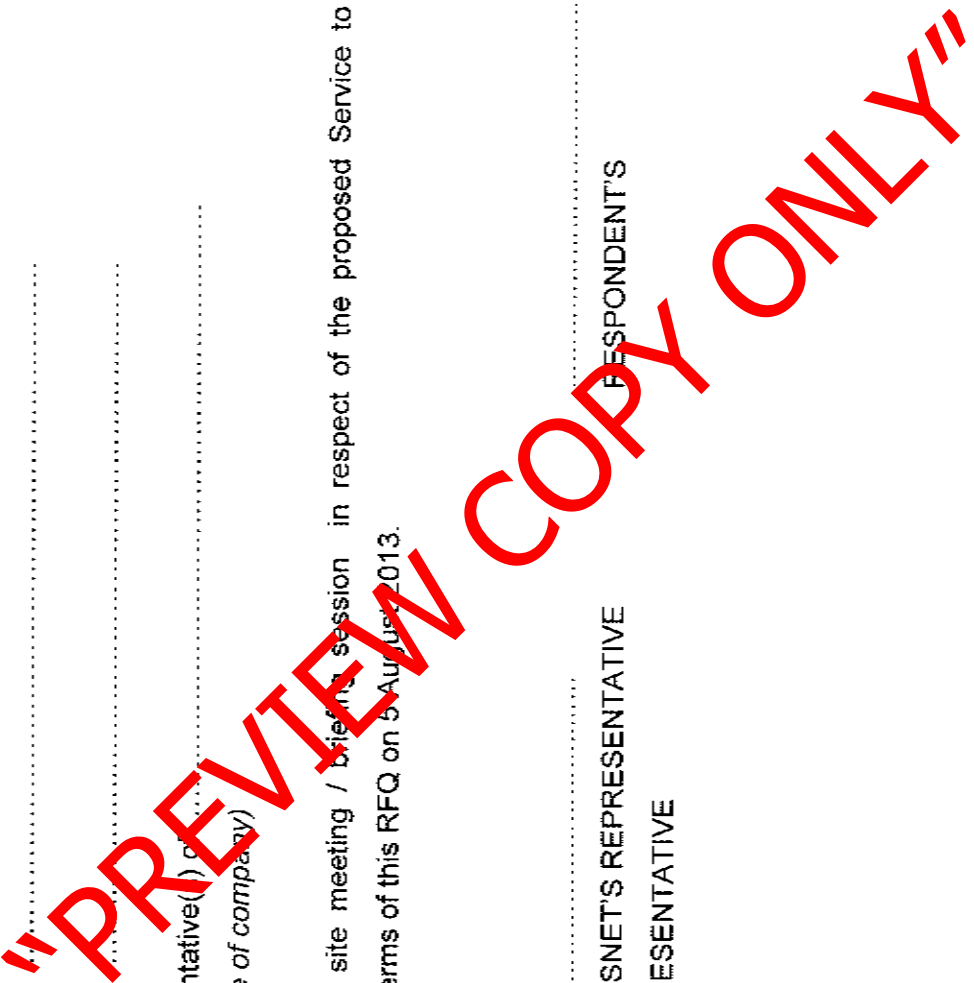
**NB!! that all work must be carried out as per SANS 10142/1**

**Section 5**

**CERTIFICATE OF ATTENDANCE OF SITE MEETING / BRIEFING SESSION**

It is hereby certified that -

- 1. ....
  - 2. ....
- Representative(s) of .....
- (name of company)*
- attended the site meeting / briefing session in respect of the proposed Service to be rendered in terms of this RFQ on 5 August 2013.



.....  
 TRANSNET'S REPRESENTATIVE  
 REPRESENTATIVE

.....  
 RESPONDENT'S

.....  
Respondent's Signature

.....  
Date & Company Stamp