



TRANSNET FREIGHT RAIL
an Operating Division of
TRANSNET SOC LIMITED
(Registration No. 1990/000900/30)

REQUEST FOR QUOTATION (“RFQ”)

RFQ NUMBER BLE52080

PodBTENDER.BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

ISSUE DATE : 29 January 2013
CLOSING DATE : 19 February 2013
CLOSING TIME : 10h00

RFQ validity end date : 19 May 2013

Please note that late responses and those delivered or posted
to the incorrect address will be disqualified.

Respondent's Signature

1

Date and Company Stamp



RFQ NUMBER BLE52093

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

SCHEDULE OF DOCUMENTS

Section

1. Notice to Bidders
2. Background, Overview and Scope of Requirements
3. Quotation Form
4. Resolution of Board of Directors (Respondent's Representative)
5. Certificate of Acquaintance with RFQ Documents
6. Service Fees and Costs
7. General Tender Conditions (CSS5 – Services)
8. Standard Terms and Conditions of Contract (US7 - Services)
9. Certificate of Attendance of RFQ Briefing

Annexures :

E4E document

SDF document

Special Conditions

Annexure A & B – asset 02BAD20C

Annexure A & B - asset 02BAD19C

Annexure A & B - asset 02BAD21C

Annexure A & B - asset 02BAD27C

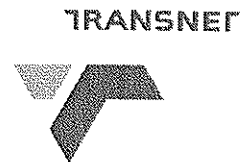
Annexure A & B - asset 02BAD69C

Annexure A & B - asset 02NAD01C

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Respondent's Signature

Date and Company Stamp



SECTION 1

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

1. Quotations are requested from interested companies, close corporations or enterprises (hereinafter referred to as the "Respondent(s) to supply the above-mentioned to Transnet.

A briefing session will be conducted on the 7 February 2013, at the Transnet Park Building, Modderdam road, 6th floor, Bellville, for a period of ± one hour. **(Respondent to provide own transportation and accommodation).**

Respondents failing to attend the compulsory briefing session will be disqualified.

Respondents without a valid RFQ document in their possession will not be allowed to attend the briefing session.

The briefing session will start punctually at 10:00 and Respondents arriving late will not be accommodated.

For specific queries before the closing of the RFQ, the following Transnet employee(s) may be contacted by email only:

Name : J P Carstens
Division : SCS (021) 940 - 3833
Email : cobus.carstens@transnet.net

Quotations must reach the Secretary, Local Acquisition Council before the closing hour on the date shown below, and must be enclosed in a sealed envelope which must have inscribed on the outside:

RFQ No	: BLE52080
Description	: MAINTENANCE AND REPAIRS TO MESS ROOMS AT PAARDEN EILAND
Closing date and time	: 19 February 2013 at 10h00
Closing address	(refer options paragraph 4 below)

Respondent's Signature

3

Date and Company Stamp



2. DELIVERY INSTRUCTIONS FOR THIS RFQ

2.1 If posted, the envelope must be addressed to the Secretary, Local Acquisition Council, P.O. Box 2986, Bellville, 7535, and must be dispatched in time for sorting by the Post Office to reach the Secretary before the closing time of the RFQ. In the event of the late receipt of a Quotation, the Respondent's franking machine impression will not be accepted as proof that the response was posted in time.

2.2 If delivered by hand, the envelope is to be deposited in the TRANSNET tender box which is located at the main entrance, Transnet Park Building, Modderdam road, Bellville, and should be addressed as follows:

THE SECRETARY
LOCAL ACQUISITION COUNCIL
TRANSNET PARK BUILDING
MODDERDAM ROAD
BELLVILLE

It should also be noted that the above tender box is located at the main entrance and is **if dispatched by courier**, the envelope must be addressed as follows and delivered to the Office of The Secretary, Local Acquisition Council.

THE SECRETARY
LOCAL ACQUISITION COUNCIL
TRANSNET PARK BUILDING
MODDERDAM ROAD
BELLVILLE

- 3 Please note that this RFQ closes punctually at 10:00 on 19 February 2013.**
- 4 If responses are not posted or delivered as stipulated herein, such responses will not be considered and will be treated as "UNRESPONSIVE."**
- 5 NO EMAIL OR FACSIMILE RESPONSES WILL BE CONSIDERED.**
- 6 The responses to this RFQ will be opened as soon as practicable after the expiry of the time advertised for receiving them.**
- 7 Transnet shall not, at the opening of responses, disclose to any other company any confidential details pertaining to the Quotations / information received, i.e. service fees, deliverables, etc. The names and location of the Respondents will, however, be divulged to other Respondents upon request.**
- 8 Envelopes must not contain documents relating to any RFQ other than that shown on the envelope. All envelopes must reflect the return address of the Respondent on the reverse side.**



- 9 No slips are to be attached to the response documents. Any additional conditions must be embodied in an accompanying letter. Subject only to clause 22 (*Alterations made by the Respondent to Tendered Prices*) of the General Tender Conditions, alterations, additions or deletions must not be made by the Respondent to the actual RFQ documents.

10. **BROAD-BASED BLACK ECONOMIC EMPOWERMENT (“BBBEE”)**

TRANSNET fully endorses and supports the South African Government’s Broad-Based Black Economic Empowerment Programme and it is strongly of the opinion that all business enterprises have an equal obligation to redress the imbalances of the past. TRANSNET would therefore prefer to do business with business enterprises who share these same values and who are prepared to contribute to meaningful BBBEE initiatives (including and not limited to enterprise development, subcontracting and Joint Ventures) as part of their tender response.

Transnet would accordingly allow a “preference” in accordance with the 10% preference system, as per the Preferential Procurement Policy Framework Act 5 of 2000 (as amended) to companies who provide a BBBEE accreditation Certificate. All procurement and disposal transactions in excess of R30000 will be evaluated accordingly. All transactions below R30000 will as far as possible be earmarked for EME’s.

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

In terms of Government Gazette No. 32094, Notice No. 354 dated 23 March 2009, as from 1 August 2009, only BBBEE accreditation Certificates issued by SANAS approved verification agencies will be valid.

However accreditation certificates issued before 23 March 2009 and which are still within their one (1) year validity period will still be acceptable, until their expiry date provided that the accreditation was done in accordance with the latest codes (i.e. those promulgated on 9 February 2007).

BBBEE Accreditation Certificates issued after the published date i.e. 23 March 2009, by a Verification Agency not approved by SANAS, will **NOT** be acceptable as from 23 March 2009.

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

(a) **Large Enterprises (i.e. annual turnover >R35 million):**

- Rating level based on all 7 (seven) elements of the BBBEE scorecard



- Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (b) **Qualifying Small Enterprises – QSE (i.e. annual turnover >R5 million but <R35 million):**
 - Rating based on any 4 (four) of the elements of the BBBEE scorecard
 - Enterprises to provide BBBEE certificate and detailed scorecard (to be renewed annually)
- (c) **Exempted Micro Enterprises – EME (i.e. annual turnover <R5m are exempted from being rated or verified):**
 - Automatic BBBEE Level 4 rating, irrespective of race ownership, i.e. 100% BBBEE recognition
 - Black ownership >50% or Black Women ownership >30% automatically qualify as Level 3 BBBEE rating, i.e. 110% BBBEE recognition
 - EME's should provide documentary proof of annual turnover (i.e. audited financials) plus proof of Black ownership if Black ownership >50% or Black Women ownership >30% (to be renewed annually) from their Auditors / Accounting Officers

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

10.3 ***Each Respondent is required to furnish proof of its BBBEE status (Certificate and Detailed Scorecard) as stipulated above to TRANSNET.***

Turnover: Indicate your company's most recent annual turnover:

R.....

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

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

Respondent's Signature

Date and Company Stamp



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

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

- 10.5 The respondent will provide Transnet with its DTI B-BBEE UNIQUE PROFILE NUMBER with all tender submissions.

DTI BBBEE UNIQUE PROFILE NUMBER:
.....

- 10.6 Failure to submit your BBBEE information in terms of 14.3 and/or 14.5 (above) will result in a score of zero being allocated for BBBEE evaluation.

11 ~~OCIO-ECONOMIC OBLIGATIONS FOR FOREIGN RESPONDENTS~~

~~Foreign Respondents' socio-economic obligations under this procurement programme will fall under the associated Government initiative, namely, the Competitive Supplier Development Programme ("CSDP") as developed by the Department of Public Enterprises, details of which are appended hereto at Annexure A.~~

12 COMMUNICATION

Respondents are warned that a response will be liable to 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.

A respondent may, however, BEFORE THE CLOSING DATE AND TIME, direct any enquiries relating to the RFQ to the Transnet employee as indicated in clause 2 above, and may also at any time after the closing date of the RFQ, communicate with the Secretary of the Local Acquisition Council, at telephone number 021 940 - 3833 or fax no. 021 940 - 3883 on any matter relating to its RFQ response.

13 RFQ SCHEDULE

Respondents will be contacted as soon as practicable with a status update. At this time short-listed Respondents may be asked to meet with Transnet representatives at a location to be agreed.

14 INSTRUCTIONS FOR COMPLETING THE RFQ

- (i) The documents (sign and date the bottom of each page). This set will serve as the legal and binding document.

Respondent's Signature

Date and Company Stamp



- (ii) The document to be submitted to the address specified above.
- (iii) The following returnable documents must accompany all Quotations:
 - Respondent's latest audited financial statements;
 - Respondent's valid Tax Clearance Certificate.

15 COMPLIANCE

The successful Respondent (hereinafter referred to as the "Supplier") shall be in full and complete compliance with any and all applicable State and Local Laws and Regulations.

16 ADDITIONAL NOTES:

- All returnable documents as indicated in the Quotation Form (Section 3) must be returned with the response
- Changes by the Respondent to its submission will not be considered after the closing date
- The person or persons signing the Quotation must be legally authorised by the Respondent to do so (Refer Section 4). A list of those person(s) authorised to negotiate on your behalf (if not the authorised signatories) must also be submitted along with the Quotation together with their contact details.
- All prices must be quoted in South African Rands
- Transnet reserves the right to undertake post-tender negotiations with selected Respondents or any number of short-listed Respondents and may wish to visit the Respondent's place of work during this process.

NB: Unless otherwise expressly stated, all Quotations furnished pursuant to this Request shall be deemed to be offers. Any exceptions to this statement must be clearly and specifically indicated. Transnet reserves the right to reject any or all offers.

**FAILURE TO OBSERVE ANY OF THE AFOREMENTIONED REQUIREMENTS
MAY RESULT IN A QUOTATION BEING REJECTED**

17 DISCLAIMERS

Respondents are hereby advised that 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. In particular, please note that Transnet reserves the right to:

- modify the RFQ's Services 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
- award a contract in connection with this Quotation at any time after the RFQ's closing date
- award only a portion of the proposed Services which are reflected in the scope of this RFQ
- split the award of the contract between more than one Supplier
- make no award of a contract

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

18. LEGAL REVIEW

Any Quotation submitted by a Respondent is subject to review and negotiation of the proposed contract by Transnet's Legal Counsel.

19. PAYMENT

Payment shall be made by Transnet within 30 (thirty) days after date of receipt by Transnet of the statement together with all undisputed Tax Invoices and supporting documentation.

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Respondent's Signature

Date and Company Stamp



Respondents to complete this section:

NAME OF RESPONDENT
PHYSICAL ADDRESS

Respondent's contact person:	Name.....
	Designation.....
	Telephone.....
	Cell Phone.....
	Facsimile.....
	Email.....
	Website.....

**Transnet urges its clients, suppliers and the general public
to report any fraud or corruption
on the part of Transnet's employees to
TIP-OFFS ANONYMOUS : 0800 003 056**

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Respondent's Signature

Date and Company Stamp



SECTION 2

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

BACKGROUND, OVERVIEW AND SCOPE OF REQUIREMENTS

See the attached :

Special Conditions

Annexure A & B – asset 02BAD20C

Annexure A & B - asset 02BAD19C

Annexure A & B - asset 02BAD21C

Annexure A & B - asset 02BAD27C

Annexure A & B - asset 02BAD69C

Annexure A & B - asset 02NAD01C

“PREVIEW COPY ONLY”

Respondent's Signature

Date and Company Stamp



1. EXCHANGE AND REMITTANCE

The attention of the Respondents is specially directed to clause 7 (*Exchange and Remittance*) of the General Tender Conditions Form CSS5. The Respondent is also to note that the particulars of the exchange rate on which the Respondent has based its tendered price(s), is/are to be stipulated hereunder only if Transnet is requested by the Respondent to effect payment overseas direct to the Respondent's principal/supplier.

(a) ZAR1.00 (South African currency) being equal to (foreign currency).
.....% in relation to tendered price(s) (.....) to be remitted overseas by Transnet.

(b) (Name of country to which payment is to be made)

(c) Beneficiary details :

 Name (Account holder)

 Bank (Name and branch code)

 Swift code

 Country

(d) (Applicable date of Exchange Rate used)

2. NATIONAL RAILWAY SAFETY REGULATOR ACT

In compliance with the **National Railway Safety Regulator Act, 16 of 2002**, the successful Respondent (the "Supplier") shall ensure that the Services to be supplied to Transnet, under the terms and conditions of a contract between the parties, comply fully with the specifications as set forth in this RFQ, and shall thereby adhere to railway safety requirements and/or regulations. Permission for the engagement of a subcontractor by the Supplier, as applicable, both initially and during the course of a contract, shall be subject to a review of the capability of the proposed subcontractor to comply with the specified railway safety requirements and/or regulations. The Supplier and/or its subcontractor shall grant Transnet access, during the term of the contract, to review any safety-related activities, including the coordination of such activities across all parts of the organization.

Accepted:

Respondent's Signature

Date and Company Stamp



YES	
-----	--

NO	
----	--

3. SERVICE LEVELS

- ~~Experienced national account representative/s to work with Transnet's sourcing/procurement department (no sales representatives are needed for individual department/locations). Additionally, there shall be a minimal number of people, fully informed and accountable for this agreement.~~
- ~~Transnet will have quarterly reviews with the Supplier's account representative on an ongoing basis.~~
- ~~Transnet reserves the right to request that any member of the Supplier's team involved on the Transnet account be replaced if deemed not to be adding value for Transnet.~~
- ~~Supplier guarantees that it will achieve a 95% service level on the following measures. If the Supplier does not achieve this level as an average over each quarter, Transnet will receive a 1.5% rebate on quarterly fees payable in the next quarter.~~
 - ~~On-time deliverables~~
- ~~Supplier must provide a toll-free number or alternative number for customer service calls.~~
- ~~Failure of the Supplier to comply with stated service level requirements will give Transnet the right to cancel the contract in whole, without penalty, giving 30 (thirty) days' notice to the Supplier.~~

Accepted:

YES	
-----	--

NO	
----	--

4. CONTINUOUS IMPROVEMENT INITIATIVES AND VALUE ADD

Respondents shall indicate whether they are committed to participate in the continuous improvement initiatives of Transnet to reduce the overall cost of transportation within South Africa during the duration of the contract.

Accepted:



YES	
-----	--

NO	
----	--

If "yes", please specify.

Respondents must briefly describe their commitment to the continuous improvement initiatives and give examples of specific areas and strategies where cost reduction initiatives can be introduced. Specific areas and proposed potential savings percentages should be included. Additional information can be appended to the Respondent's Quotation if there is insufficient space available.

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5. RISK

Respondents must elaborate on the control measures put in place by their company, which mitigate the risk to Transnet, pertaining to potential non-performance by a Supplier in relation to -

(i) quality of the Service(s) provided:

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

(ii) continuity of provision of the Service(s) (refer clause 6.9 of Form US7)::

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



(iii) compliance with the Occupational Health and Safety Act, 85 of 1993 (refer clause 8.1(f) of Form US7)

(iv) compliance with the National Railway Safety Regulator Act, 16 of 2002 (refer clause 16 above)

6. REFERENCES

Please indicate below the company names and contact details of existing customers whom Transnet may contact to seek third party evaluations of your current service levels:

Name of Company	Contact Person	Telephone number

7. EVALUATION CRITERIA

Transnet will authorize the following criteria (not necessarily in this order) in choosing a Supplier, if so required:

- Pricing (fees) – Whilst not the sole factor for consideration, competitive pricing will be critical in indicating how much you value Transnet’s business
- An explicit commitment to continuous improvement initiatives
- Compliance – Completeness of your responses and content of the quotation will be considered
- Financial strength
- References of experience on / of similar projects
- Fixed price

 Respondent's Signature

 Date and Company Stamp

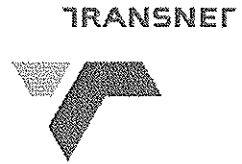


- BBBEE status of company
- Resources (equipment)
- Must have own staff compliment

8. **SUBSTANCE ABUSE TESTING**

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

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SECTION 3

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

QUOTATION FORM

I/We _____

(name of company, close corporation or partnership)

of (full address) _____

carrying on business under style or title of (trading as) _____

represented by _____

in my capacity as _____

being duly authorized thereto by a Resolution of the Board of Directors or Members or Certificate of Partners, as the case may be, dated _____ a certified copy of which is annexed hereto, hereby offer to supply the above-mentioned Services at the prices quoted in the schedule of Service Fees in accordance with the terms set forth in the accompanying letter(s) reference _____ and dated _____ (if any) and the documents listed in the accompanying schedule of RFQ documents.

I/We agree to be bound by those conditions in Transnet's:

Respondent's Signature

Date and Company Stamp



- (i) Standard Terms and Conditions of Contract, Form No. US7 – Services;
- (ii) General Tender Conditions, Form CSS5 – Services; and
- (iii) any other standard or special conditions mentioned and/or embodied in the Request for Quotation form; and;-

I/We accept that unless Transnet should otherwise decide and so inform me/us in the facsimile or letter of acceptance, 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.

Should Transnet decide that a formal contract should be signed and so inform me/us in the facsimile or letter of acceptance, this Quotation (and, if any, its covering letter and any subsequent exchange of correspondence) together with Transnet's letter of acceptance/intent, shall constitute a binding contract between Transnet and me/us until the formal contract is signed.

I/We further agree that if, after I/we have been notified of the acceptance of my/our Quotation, I/we fail to enter into a formal contract if called upon to do so, or fail to commence the provision of the Services within 4 (four) weeks, Transnet may, without prejudice to any other legal remedy which it may have, recover from me/us any expense to which it may have been put in calling for Quotations afresh and/or having to accept any less favorable Quotation.

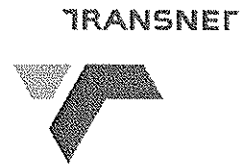
I/We accept that any contract resulting from this offer will be for a period of 120 days and agree to a penalty clause to be negotiated with Transnet, which will allow Transnet to invoke a penalty (details to be negotiated) against us should the delivery of the Services be delayed due to non-performance by us.

The law of the Republic of South Africa shall govern the contract created by the acceptance of this RFQ. The *domicillium citandi et executandi* shall be a place in the Republic of South Africa to be specified by the Respondent hereunder, at which all legal documents may be served on the Respondent who shall agree to submit to the jurisdiction of the courts of the Republic of South Africa. Foreign Respondents shall, therefore, state hereunder, the name of their accredited agent in the Republic of South Africa who is empowered to sign any contract which may have to be entered into in the event of their Quotation being accepted and to act on their behalf in all matters relating to the contract.

Respondent to indicate *domicillium citandi et executandi* hereunder:

NOTIFICATION OF AWARD OF RFQ

As soon as possible after approval to award the contract/s, the successful Respondent (the Supplier) will be informed of the acceptance of its Quotation. Unsuccessful Respondents will be advised in writing of the name of the successful Supplier and the reason as to why their Quotations have been unsuccessful, for example, in the category of price, delivery period, quality, BBBEE status or for any other reason.



VALIDITY PERIOD

Transnet desires a validity period of 3 (three) months (from closing date) against this RFQ. It should be noted that Respondents may offer an earlier validity period, but that their Quotations may be disregarded for that reason. Should Respondents be unable to comply with this validity period, an alternative validity period must be stated hereunder:

This RFQ is valid until **19 May 2013** (State alternative validity period/date).

TAX (VAT) REGISTRATION NUMBER

The Respondent must state hereunder the tax registration number which is applicable to Value-Added Tax:

TAX CLEARANCE CERTIFICATE

Respondents are required to forward a valid copy of their company's Tax Clearance Certificate with their Quotation.

Indicate tax clearance certificate expiry date: _____

BANKING DETAILS

BANK: _____

BRANCH NAME / CODE: _____

ACCOUNT HOLDER: _____

ACCOUNT NUMBER: _____

NAME(S) AND ADDRESS / ADDRESSES OF DIRECTOR(S) OR MEMBER(S)

The Respondent must disclose hereunder the full name(s) and address(s) of the director(s) or members of the company or close corporation (C.C.) on whose behalf the RFQ is submitted.

(i) Registration number of company / C.C.

(ii) Registered name of company / C.C.

(iii) Full name(s) of director/member(s) Address/Addresses ID Number/s

Full name(s) of director/member(s)	Address/Addresses	ID Number/s
.....
.....
.....
.....
.....



Respondent's Signature

Date and Company Stamp



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

PRICE REVIEW

Transnet will be benchmarking this price offering(s) against the lowest price received as per the benchmarking exercise. If the Respondent's price(s) is/are found to be higher than the benchmarked price(s), then the Respondent shall match or better such price(s) within 30 days – failing which the Contract may be terminated at Transnet's discretion or the particular item(s) or service(s) purchased outside the contract.

RETURNABLE DOCUMENTS

Respondents are required to submit the following returnable documents with their responses (see tick):

Notice to Bidders – Section 1	√
Background overview – Section 2	√
Quotation Form – Section 3	√
Resolution of Board of Directors (Respondent's Representative) – Section 4	√
Certificate of Acquaintance with RFQ Documents – Section 5	√
Service Fees and Costs – Section 6	√
General Tender Conditions – Form CSS5 – Section 7	√
Conditions of Contract – Form US7 – Section 8	√
Audited Financials for previous year	√
Valid Tax Clearance Certificate	√
VAT Registration Certificate	√
BBBEE Accreditation Certificate	√
Certificate of attendance of RFQ Briefing – Section 9	√
S D F document	√
Letter of Good Standing	√

NOTE: Sections 1, 2, 3, 4, 5, 6, 7, 8 and 9, as indicated in the footer of each page, must be signed and dated by the Respondent.

 Respondent's Signature

 Date and Company Stamp



By signing the RFQ documents, the Respondent is deemed to acknowledge that he / she has made himself / herself thoroughly familiar with all the conditions governing this RFQ, including those contained in any printed form stated to form part hereof and Transnet Limited will recognize no claim for relief based on an allegation that the Respondent overlooked any such condition or failed properly to take it into account for the purpose of calculating tendered prices or otherwise.

SIGNED at _____ on this _____ day of _____ 2013.

SIGNATURE OF WITNESSES:

ADDRESS OF WITNESSES:

1 _____

1 _____

2 _____

2 _____

SIGNATURE OF RESPONDENT'S AUTHORISED REPRESENTATIVE:

NAME

DESIGNATION

“PREVIEW COPY ONLY”

Respondent's Signature

Date and Company Stamp



SECTION 4

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

SIGNING POWER : RESOLUTION OF BOARD OF DIRECTORS

NAME OF COMPANY: _____

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

FULL NAME(S)	CAPACITY	SIGNATURE
_____	_____	_____
_____	_____	_____
_____	_____	_____

in his/her capacity as indicated above is/are hereby authorized to enter into, sign, execute and complete any documents relating to Tenders, Quotations and/or Contracts for the supply of Goods.

FULL NAME _____

SIGNATURE CHAIRMAN

FULL NAME _____

SIGNATURE SECRETARY



SECTION 5

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT BELLVILLE

CERTIFICATE OF ACQUAINTANCE WITH RFQ DOCUMENTS

NAME OF COMPANY: _____

I/We _____ do

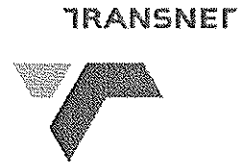
hereby certify that I/we acquainted myself/ourselves with all the documentation comprising this RFQ and all conditions contained therein, as laid down by Transnet Limited for the carrying out of the proposed supply/service/works for which I/we submitted my/our response.

I/We furthermore agree that Transnet Limited shall recognize no claim from me/us for relief based on an allegation that I/we overlooked any RFQ/contract condition or failed to take it into account for the purpose of calculating my/our offered prices or otherwise.

SIGNED at _____ on this _____ day of _____ 2013

WITNESS : _____

SIGNATURE OF RESPONDENT



SECTION 6

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

SERVICE FEES AND COSTS

ASSET	DESCRIPTION OF ASSET	AMOUNT
02BAD20C	Maintenance to messroom.	R
02BAD19C	Maintenance to messroom	R
02BAD21C	Maintenance to messroom	R
02BAD27C	Maintenance and repairs to mess room	R
02BAD69C	Maintenance and repairs to shunters cabin	R
	TOTAL (Excl- VAT)	R

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SECTION 7

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

GENERAL TENDER CONDITIONS - SERVICES

For General tender Conditions – Services, refer to Form CSS5, this document will be made available on request.

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SECTION 8

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

STANDARD TERMS AND CONDITIONS OF CONTRACT

FOR THE PROVISION OF SERVICES TO TRANSNET

Refer Form US7 attached hereto.

Respondents should note the obligations as set out in
Clause 19 of the General Tender Conditions (Section 7) which reads as follows:

"The Supplier shall adhere to the Standard Terms and Conditions of Contract as set out in Form US7 - Services), a copy of which is attached hereto. Should the Respondent find any conditions unacceptable, it should indicate which conditions are unacceptable and offer an alternative. Please note that any alternative offered shall be compared with acceptance of the Form US7 conditions or alternatives offered by other Respondents."

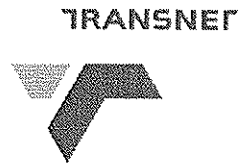
The US7 document will be made available on request.

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SECTION 9

RFQ NUMBER BLE52080

MAINTENANCE TO MESS ROOMS AT PAARDEN EILAND

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 Goods to be rendered in terms of this RFQ on2013.

.....
TRANSNET'S REPRESENTATIVE

.....
RESPONDENT'S REPRESENTATIVE

DATE.....

DATE.....



SPECIAL CONDITIONS

MAINTENANCE AND REPAIRS TO MESS ROOMS AT PAARDEN EILAND

BLE52080

1. TIME TO COMPLETE THE WORK

The time to complete THIS PROJECT works, should not exceed **90 days**. This period shall be exclusive of weekends, public holidays and statutory holiday periods.

Failing completion of the work within the period as stipulated above or with any shorter period offered by the contenders and accepted by Transnet, the contractor shall pay to Transnet the sum of **R500-00** for every day or part thereof during which the works remain incomplete.

2. GUARANTEE

Transnet Freight Rail requires a workmanship guarantee for a period of **12 months**, from the date of completion of work.

3. INSPECTION OF WORKS

3.1 During the progress of the contract, all materials used and all work being undertaken by the Contractor shall be subjected to periodic inspections.

3.2 Should at any stage in the progress of the said works, an inspection visit or test reveal any defects due to improper materials or workmanship or any other fault or neglect on the part of the Contractor, such defective materials or workmanship shall immediately be replaced or remedied by the Contractor at his own expense and to the entire satisfaction of the authorized representative.

3.3 No work shall be covered up or put out of view without the approval of the Project Manager. The Contractor shall afford full opportunity for the Project Manager to examine and measure any work, which is about to be covered up or put out of view before permanent work is place thereon.

3.4 The Contractor shall give due notice to the Project Manager whenever such work is ready or about to be ready for examination. The Project Manager shall without unreasonable delay, examine and or measure such work as required.

3.5 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

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the satisfaction of the Project Manager. If any such part of parts have been covered up or put out of view after compliance with the requirements and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through for the reinstating and making good shall be borne by the Contractor.

4. SITE RECORDS

4.1 Site Instruction Book

The Contractor shall provide a **site instruction book, 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.

4.2 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, name & numbers of workers on the site, material that has been delivered, material that has been loaded and disposed of, incidences that have occurred, nature of work to be done on that day, etc.

4.3 Programme & Planning of the work

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

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

4.4 Handing over of site

No work will commence before the site has been officially handed over by the Project Manager by means of a written site hand over document and instruction in the Site Instruction Book.



5. 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 connections, hoses and applicable equipment where necessary.

6. 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.

7. 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 processing these permits. This includes changes to staff during the contract period. The contractor shall also provide each of his workers with a laminated identification card. On the front of the card must be the contract business name and a photo of the employee. On the back of the card the following local emergency numbers shall be printed Ambulance service, Fire department and Police. The employee shall not be allowed on site if he does not have his identification card with him.

8. MATERIALS FOUND ON SITE

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

9. 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 and leave the site and the whole of the works clean and tidy to the satisfaction of the Project Manager.



10. WORKING OUTSIDE NORMAL WORKING HOURS

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.

11. 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.

12. RETENTION

To protect Transnet Freight Rail in case of any defective work, Transnet Freight Rail reserves the right to retain up to ten (10) percent of the value of the contract, for a period of six (6) 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.

13. SAFETY PRECAUTIONS

13.1 Safety

The Contractor shall submit a Health and Safety Plan to cover this Project before any site will be handed over for approval. This will also cover the standard risk and Safety Plan for this project.

The Contractor will however also be responsible to do a Risk Assessment and if there is any risk that is not covered under the general Risk Assessment that is included in the Health and Safety plan the Risk Assessment will be included in the Health and Safety Plan.

The Contractor must have first aid box on site. The first aid box shall be stocked with the equipment as per general safety regulation and the location of the first aid box will be indicated with appropriate signage.

The Contractor and all his employees shall attend a Safety Induction session on safety before commencement of the project. The contractor and his employees shall certify the register that they attended the Safety Induction session and only workers who have attended the session will be allowed to work on the site.



13.2 Act 85

The contractor shall comply with the Occupational Health & Safety Act, 1993 (Act 85 of 1993).

13.3 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 Contractor's cost.

14. STORAGE AND SAFE KEEPING

The Contractor will provide his own portable store facilities, the store appearance shall be subject to the approval of the Project Manager. The agreed location of the store will be indicated to the contractor by the Project Manager.

The contractor is responsible for the safe keeping of all his material and equipment on site.

15. REGULATIONS

In so far as they can be applied and where they are not inconsistent with the terms of the Project Specifications, the following **SANS Regulations** shall be regarded as being embodied in the Project Specification. These regulations must to be obtained by the contenders.

- | | |
|---------------------------------|----------------------|
| ◆ National Building Regulations | SANS 10400 – 11990 |
| ◆ General Structural | SANS 11200AH – 11982 |
| ◆ Electrical Code of Practice | SANS 10142 |
| ◆ The Construction Regulations | GN 1010 (Act 85) |

16. 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 Manager.



17. 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. 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.

19. 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.

20. SUB-CONTRACTOR

The Contractor shall not assign his obligations under the contract, nor sublet the contract work. Where specialized work or part thereof is required the contractor can use a subcontractor with the consent of the Transnet Freight Rail Project Manager.

21. ADDITIONAL WORK

No work will be recognized for additional payment unless it has been arranged with the Project Manager.

22. MEASURE OF WORK

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

23. SUPERVISION

The Transnet Property Technical Manager will delegate a responsible person (Project manager) to take control of the supervision and management of the contract. The contractor shall only respond to these incumbents that have been appointed in writing, any instruction that is not given via the delegated managers will be null and void.



24. HIRE EQUIPMENT

If necessary to hire abnormal equipment to do any work, the payment for the hire equipment shall be market related priced. The approval of the Transnet Project manager is required before such equipment is hired.

25. OCCUPYING OF BUILDINGS

When the buildings are occupied during renovations by Transnet Freight Rail staff, the Project Manager, Contractor and the Manager of the Transnet staff using the building will discuss and agree, on site, the maintenance plan for the building and on how to accommodate the staff during the project.

26. PRODUCTS & TRADE NAMES

26.1 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.

26.2 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.

27. PRELIMINARY AND GENERAL (P & G)

The P & G shall be as per General & 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 Annexure B must form part of P & G's

28. SAFETY INDUCTION MEETING

The future contractor must contact the Project Manager before commencing with the project for the safety induction.

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ANNEXURE A

ASSET DESCRIPTION: Mess room

ASSET LOCATION: Paardeneiland Marshalling yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance to messroom

TENDER NO: BLE/52080

ASSET NO: 02BAD20C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILING

- 3 Work description: Replace section of ceiling panel
Cut out damaged section as shown by project manager and fit new section to of ceiling to match the texture, finish and colour of existing ceiling. Fix cover strips or half rounds over joint to match ceiling finish
Cut damage section of ceiling, cut square and parallel to existing joints and brandering, fill additional brandering and cut new section of ceiling board to match existing board. Nail with clout nails or screw in place with chip board screws. Cover joints with cover strips and finish with filler as necessary.
- 42 Work description: Paint ceiling complete with 2 coat super acrylic PVA.
Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

- 64 Work description: Paint walls smooth plaster 1 coat UNIVERSAL UNDERCOAT.
All paint work shall be done according to the specifications of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 65 Work description: Paint smooth plaster walls, 2 coats silk paint.
All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.

WINDOWS INT AND EXT

Respondent's signature: _____ **Date:** ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 186 Work description: Replace cracked/broken window panes (clear).
Remove broken windowpane and clean frame from all rust and dirt. Paint frame with anti rust metal primer. Fixing of glass shall comply with part N of section 3 of SABS 0400. The glass for glazing shall comply with (cks 55). The thickness of panes related to its area shall be in accordance with (SABS 0137). Glazing putty shall comply with (SABS 680). Back putty shall not exceed 3mm. Glazing shall be executed in accordance with (SABS 0137). Front putty must be straight and in line with the top of the frame profile. Glass panes shall have adequate clearance between the edges of glass and the rebates as no glass to metal/wood contact at any point will be permitted.
- 206 Work description: Paint window frame complete.
Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats water-base Dulux Pearlgló. After painting, window-opening sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window. The Window handles, peg stays and sliding stays shall be removed cleaned and re-fitted. Contractor shall be responsible for any lost window fittings
- 0.72m X 0.60m 4 ea
103m X 1.24m 4 ea
1.22m X 1.50m 4 ea

DOORS/SECURITY GATES

- 262 Work description: Replace 4 lever mortise lock with handles
Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys.
- 269 Work description: Replace night latch.
Remove existing night latch and install new night latch complete from Union or Yale. Night latch lock and furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock must fit precise and shall be straight and parallel to door. Locks shall be fixed with the right type of screw for the type of lock.
- 283 Work description: Replace meranti flush back door. With 3 brass hinges each
Meranti flash back door. The clearance on top and on sides shall be 3mm and 6mm at bottom. Any door that is too wide or tall to fit the door frame shall be reduced in size by removing material equally from each edge — removing material from one edge only to obtain a fit, is unacceptable. Hinges shall be fixed with no 8 x 40mm wood screws to door. The hinges shall be recessed and the recess shall be square to the edge.
- 287 Work description: Paint door complete, 2 coats.
Previously painted doors: Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Remove handle, Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal undercoat and two coat finishing paint as per work list. Let dry re fit handles. New doors to be painted: Remove lock and handles. Sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply one coat wood primer, one coat universal undercoat and two coats finishing paint as per work list. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 288 Work description: Varnish door complete, 2 coats.
 Previously varnished doors: Remove handles, wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish on varnished doors. Re-fit door handles
 New doors to be varnished: Remove lock and door handles, Fill all defective places with suitable wood filler, sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply. Apply three coats varnish on doors. Allow varnish to dry between coats. Re-fit lock and handles.
- 304 Work description: Manufacture and install security gate.
 Manufacture security gates with grade A steel. Use 32 X 32 X 1.6 mm (minimum thickness) square tubing for main frame. Use 25 X 25 X 1.6 mm (minimum thickness) square tubing for gate frame and for horizontal bars. All horizontal bars shall be drilled to accommodate 12 mm round bars. Use 12 mm diameter solid round bar for vertical bars. Vertical bars shall be straight and be evenly spaced at not more than 120 mm centres. Provide each gate with 3 butterfly hinges, hinges size 50 mm long and 10 mm diameter. Fit three hinges to each gate, fit one hinge 150 mm from top one in centre and one 150 mm from bottom of gate. Fit Ultra double gate security gate lock to double gate and Ultra single gate security lock to single gates. Drill 4 holes of 12 mm diameter each side of main frame, space holes evenly and drill holes at least 100 mm deep in brick wall. Insert 132 mm long X 12 mm diameter round bar in holes and weld to main frame. Cut and grind flush with main frame. All corners shall be mitred 45 degrees and welding shall be neat with all welding flux and spots removed and clean with steel brush. the gates shall be fully galvanised before being fitted.

DOORFRAMES

- 329 Work description: Paint frame complete 2 coats.
 Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal and two coat finishing paint as per work list. Previously painted steel doorframes: Clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats finishing paint as per work list. New wooden door frames to be painted/varnished: Sand smooth, wipe sanding dust off with damp cloth, allow to dry and apply one coat wood primer, one coat universal undercoat and two finishing coats as per work list. As allow paint to dry between coats.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 330 Work description: Paint frame with fan light, complete 2 coats.
Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow too dry and apply one coat universal and one coat gloss enamel on painted frames. Previously painted steel doorframes: Clean doorframe from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow too dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and one coat gloss-enamel. New wooden door frames to be painted: Sand smooth, wipe sanding dust off with damp cloth, allow to dry. Apply one coat wood primer, one coat universal undercoat and 2 coats Dulux pearlo on doors frames. Allow paint to dry between coats as per manufacturer specifications

FLOORS

- 365 Work description: Chip 80% and provide key coat on floor for ceramic tiles.
Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer and keying agent for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat)
- 366 Work description: Lay first grade ceramic tiles on floor.
*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS.***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond-it in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 395 Work description: Paint skirting and quarter rounds, 2 coats
Previously painted/varnished skirting: Wash thoroughly with a suitable detergent to remove all dirt and polish. Rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand completely and wipe off all sanding dust with a damp cloth. Allow to dry, apply one coat universal undercoat, 2 coats Dulux pearglo on painted skirting. New skirting may only be varnished, except, if painted skirting were partly replaced and have to be painted to match rest of skirting. Fill all countersunk nail holes and other defective places in wood with a suitable wood filler to match wood colour. Sand skirting to leave smooth surface. Use damp cloth to clean skirting from dust. Apply 3 coats varnish. Allow drying time as per specification.
- 417 Work description: Paint floor
Item include cleaning of floor to the satisfaction of the project manager.

CUPBOARDS / TABLE

- 447 Work description: Supply and fit/replace purpose made Supa Wood melamine sink cabinet. Cupboard shall be manufactured from supa wood with white melamine throughout, with high impact PVC edging. Cupboard to have 2 doors, 1 shelve and a water-resistant base plinth. Cupboard to have White Masonite back. Door edges to be neatly rounded router finished and sealed with sanding sealer. Each door to be fitted with 2 each insert hinges, roller catches and standard chrome plated type handles with 2 screws per handle. Top oak post form with bull nose on front side. Post form top to be cut drop in sink. All joints to be jointed with dowels or biscuit and glued with adhesive for melamine or method approved by project manager. Chipped or damaged cupboards will not be approved.

PLUMBING INTERIOR

- 513 Work description: Fit / replace sink taps 15mm.
Replace sink tap with Cobra heavy duty chrome plated star bib tap and chrome plated brass extension pipe. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 517 Work description: Install / replace sink double bowl
Stainless steel sinks with draining boards for domestic use shall comply with the requirements of SABS Specification 242, and shall be constructed of Type 304 stainless steel with exposed surfaces having satin finish. All provided with splash backs, tiling keys at back and at ends where against walls. The stainless steel for bowls and draining boards having an overall length not exceeding 1,52m shall be 0,9 mm thick, but for draining boards having an overall length exceeding 1,52m shall be 1,25 mm thick.
**Overlay sink shall be with brackets on bottom, no fixing on front or exposed sides shall be allowed.
**Drop in sinks fitted to post form tops shall be sealed with mould resistant silicone sealer and sealer shall be applied between sink and post form top, it shall not be applied only around sink after sink had been fitted in position.
- 518 Work description: Replace stopcock
Provide and fix in "HOT" and "COLD" water supply pipes inside the building where shown or directed approved brass chromium-plated screwed down stop cocks

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 530 Work description: Install new 50 litre geyser complete with all necessary valves
Installation to be conducted by a professional and registered plumber. All hot water cylinders to be installed according to balanced hot and cold water principles and in compliance with SABS 0252 and SABS 0254 codes of practice. Fit SABS 400 KPA approved geyser with 400 KPA kwikflo or approved pressure reducing valve. Fit complete with all safety valves and 2 vacuum breakers. Supply stop cock and pressure control valve for geyser where pipes enter building. Geyser legs to stand on supports in a drip tray when in roof. Geyser must have separate stop cock. Do not fit stop cock between geyser and pressure control valve. Fit drain valve to geyser. Fit vacuum breaker to cold water supply on 300 mm riser on anti siphon loop. Fit vacuum breaker to hot water supply on 300 mm riser. Fit separate discharge pipes for expansion relieve valve and for safety valve. Pipes must be same diameter as valve outlet. These discharge pipes must be copper. Discharge expansion relief valve where water would not be a nuisance. Discharge safety valve pipe to safe area.

WALLS EXTERIOR

- 728 Work description: Paint plaster wood float finish.
All paint work shall be done to the specification of the manufacturer. Over coating time shall be allowed as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors and the like, must be covered up and protected against spotting before any painting commences. No sweeping or dusting shall be allowed while painting is in progress or while paint is still wet. All items that are more cost effective to removed from wall and to re-fixed, must be removed to avoid cutting in against items, such as notice boards and other items. Dry film thickness to be 90µm per coat.

WINDOWS EXTERIOR

- 744 Work description: Repair exterior window sills
Remove defective window sills, replace damp-proof course, with new and provide new window sills, as described hereunder Fibre cement window sills shall be 15mm thick, of pressed fibre cement and approved manufacture, all to match the existing in every respect. Fibre cement window sills shall be fitted with screwed-on fixing lugs and bedded in 3:1 cement mortar. Face brick window sills shall be formed to match existing face brick windows sills. New face bricks shall be used and shall be built in with 4:1 cement mortar, with joints between face bricks to be pointed to match Quarry tile sill: Hack off defective quarry tiles, cut out all defective pointing to the sills. Prepare and replace tiles removed and tiles missing with new, bedded in 3:1 cement mortar and pointed to match existing. Plastered window sills shall be formed to match existing plastered window sills. New common bricks shall be used and built in with 4:1 cement mortar. Plaster windows sills with 4:1 cement plaster, finish off smoothly with angles slightly rounded, and to match existing window sills in all respects.
- 747 Work description: Paint window sills.
Remove all loose and defective paint, remove all polish with turps or thinners. Sand windowsills completely, wipe sill clean with damp cloth to remove all sanding dust. Apply two coats Plascon or Dulux floor/stoep paint.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: Mess room

CITY / TOWN: Paardeneiland

TENDER NO: BLE/52080

ASSET NO: 02BAD20C

WORK DESCRIPTION Maintenance to messroom

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

Measurements and or quantities do not include off cuts or waste all measurements of material is measure as nett fixed. Contractor to add his own % for off cuts and waste.

The contractor is responsible to check all the measurements and quantities before ordering any material. The measurement and quantities are only a guide for tender purposes.

Value Added Tax (VAT) shall be excluded in the schedule of rates and prices.

To be supplied by the Contractor: The Contractor shall provide all labour, material, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORK as per the attached work list and specification and as may be ordered by the Project Manager.

GENERAL: The Building will be occupied during renovations. The Project manager, contractor and manager of the TFR staff using the building will discuss and agree on site the maintenance plan for the building. The necessary move of furniture in the same room if necessary is included in all the items. All normal cleaning, preparations include sanding, stopping and washing of items to be painted as specified by the paint manufacturer is included in all the paint items. Where abnormal cleaning is required it will be specified as an additional item. All scaffolding and use of ladders up to 4.50m high interior and exterior if and as necessary is part of all the items. All work shall be done according to the attached specifications and shall comply with the National building regulations. Unless otherwise specified all materials must comply with SANS specifications.

Where no applicable SANS Specification exists the materials must be approved by the Transnet Freight Rail project manager.

All material shall be fitted, install or applied as specified by the manufacture. The contractor shall be liable for any damages caused by his or her staff to any Transnet Freight Rail property or equipment.

SAFETY: The contractor shall comply with the Occupational Health Safety Act, 1993 (Act 85 of 1993).

		Page 1 of 4	SUB TOTAL	PAGE 1		
TENDER NO: BLE/52080		ASSET NO: 02BAD20C				
ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT	
CEILINGS						
3	Replace section of gypsum/nutec ceiling panel up to 12 m^2 to match existing ceiling finish	12	M^2			
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	72	M^2			
WALLS INTERIOR						

Respondent's signature: _____ Date: ____ / ____ / ____

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TENDER NO: BLE/52080

ASSET NO: 02BAD20C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
64	Paint wall 1 coat universal undercoat (use item to change paint finish from gloss/egg shell enamel to water based paint). apply paint only after preparation as per attached specification.	113	M^2		
65	Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint. apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	113	M^2		
WINDOWS INT AND EXT					
186	Replace cracked or broken window panes clear, size 350mm x 450mm x 3mm. clean frame apply 1 coat anti rust paint. see attached detail specification. place sheet on floor or garden to catch all broken pieces of glass	10	EA		
206	Paint residential small pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux water-base pearl glo lockness code-3l1-5. item includes removing all old paint from glass area and cleaning of glass. see detailed specifications.	30	M^2		
DOORS/SECURITY GATES					
262	Replace mortice lock with sabs approved 4 lever mortice lock with 3 keys. if more than 1 lock to be replaced keys shall not be interchangeable. sabs mark shall be on lock.	3	EA		
269	Replace night latch with sabs approved lock with 3 keys. sabs mark shall be on lock.	3	EA		
283	Replace meranti flash back door. Clearance to frame and floor as specified in attached specifications	3	EA		
287	Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearl glo river rock code 6j1-7. Do preparation before painting per spec. Door 810mmx2.03m=3.66m ² . 75mmx2.03m=3.42m ² . Item include remove before paint and refit of handles	3	M^2		
288	Varnish door complete both sides, side edges and top edge, 3 coats varnish. use exterior varnish on exterior side. door 810mmx2.03m= 3.66m ² . Door 750mmx2.03m= 3.42m ² . Do preparations as per attached specifications. Item include remove and re-fit of handle	3	M^2		
304	Manufacture and install galvanised security gate 2.10 m x 900 mm. read attached detailed specifications.	2	EA		
DOORFRAMES					
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearl glo lockness code-3l1-5. single steel frame. 115mm=1.150m ² . single 230mm=1.750m ² . double 1511mm x 115mm=1.29 m ² . double 1511mm x 230mm=1.96 m ² . Do preparation as per specification	1	M^2		
330	Paint door frame with fan light. undercoat and 2 coats Dulux pearl glo lockness code-3l1-5. item includes the paint of fan light window. single frame.115mm=1.85m ² . 230mm=2.50m ² . double frame 1511mmx115mm =2.1 m ² . 230mm=3.00 m ² . preparation included	2	M^2		
FLOORS					
365	Chip 80 % of concrete floor area. supply and apply Tylon or tal key coat to floor for ceramic tiles (please read the manufacture specifications on container on how to mix and apply the key coat)	68	M^2		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD20C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB11 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting Read specifications	68	M^2		
395	Paint skirting and quarter rounds complete. 1 coat undercoat and 2 coats Dulux pearl glo code 3h1-1 colour barley beige. 75mm skirting x 1.0m=0.075 m2. 150mm skirting x 1.0m=0.150 m2. paint only after preparation as per attached specification.	40	M		
417	Clean floor from all oil, grease, dirt with heavy duty detergent to the satisfaction of the project manager. rinse with clean water and leave to completely dry out. apply two coats Dulux or Plascon dark grey floor paint	10	M^2		
CUPBOARDS / TABLE					
447	Fit 1.80m sink cabinet manufactured from melamine supa wood with post form top. cut top for drop inn sink. supply cupboard with 3 doors, shelf, standard 2 screw handles and hinges. apply silicone between sink and top. item does not include sink	1	EA		
PLUMBING INTERIOR					
513	Fit / replace sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe.	2	EA		
517	Fit / Replace sink only double bowl, item exclude cabinet, fit 1500mm long x 530mm wide double bowl **overlay** drop in** stainless steel sink, complete with chrome plated brass outlet with plug. (read attached detail specifications)	1	EA		
518	Replace stopcock/ballo stop 15 mm with cobra brand chrome plated brass stopcock	1	EA		
530	Install new 50l/100l geyser complete with all valves to comply with sabs standard include all necessary fittings. after installation geyser would be deemed operational as per attached specifications	1	EA		
WALLS EXTERIOR					
728	Paint exterior plaster. Wood float finished walls with 2 coats Dulux wall guard paint or similar paint approved by project manager. Apply paint only after preparation as per attached specification has been done. colour: Dulux barely beige code 3H1-1.	24	M^2		
WINDOWS EXTERIOR					
744	Repair exterior window sills with same as existing tiles 160mm X 160mm	4	M		
747	Paint previously painted window sills, any type. apply 2 coats stoep or floor paint. apply paint only after preparation as per attached specification has been done	12	M		

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD20C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 4 R

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

Cost for the risk and saftey must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and Implemented.

RISK AND SAFETY R

Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE A

ASSET DESCRIPTION: Mess room

ASSET LOCATION: marshalling Yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance to messroom

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 3 Work description: Replace section of ceiling panel
Cut out damaged section as shown by project manager and fit new section to of ceiling to match the texture, finish and colour of existing ceiling. Fix cover strips or half rounds over joint to match ceiling finish
Cut damage section of ceiling, cut square and parallel to existing joints and brandering, fit additional brandering and cut new section of ceiling board to match existing board. Nail with clout nails or screw in place with chip board screws. Cover joints with cover strips and finish with filler as necessary.
- 6 Work description: Break out ceiling boards include brandering
Break out ceiling boards with brandering, care shall be take not to damage tie beams. Remove all rubble from site
- 7 Work description: Replace rhino board ceiling complete, include brandering, cornice and skimming
The ceiling boards must always be fixed with the length of the board at right angles to the brandering. Rhino board is fixed with the ivory side facing down. Board shall be in long lengths, symmetrically arranged. Ceiling boards shall be secure at 150mm centres with 38mm galvanized clout-headed nails. The nails shall be driven into the board with the nail heads flush with the board. Board shall be joint with H – profile steel jointing strips. Boards can also be fixed with chip board screws spaced as with clout nails.
- 8 Work description: Fit PVC ceiling complete, include brandering and cornice
The ceiling board must always be fixed with the length of the board at right angles to the brandering. Brandering shall be secured at 400mm centres. Boards can be fixed with chip board screws spaced as with clout nails.
- 37 Work description: Prepare ceiling area for painting.
Wash ceiling thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of ceilings shall include the driving in of all proud standing nails at rhino or Nutec ceilings or opening of all fine cracks with a sharp object, the filling of cracks and all small holes in ceiling with an appropriate filler. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface, removing all loose particles and dust ensuring that the surface is sound. Sand existing paint on ceilings to provide bond for new paint. After sanding, wipe ceiling thoroughly with clean damp cloth to remove sanding dust. Let ceiling dry completely before any paint is applied. No sweeping or dusting shall be done after the ceiling has been prepared for painting or while painting is in progress or while paint is still wet.

Respondent's signature: _____ **Date:** ____ / ____ / ____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

- 40 Work description: Paint new ceiling complete with 1 COAT PLASTER PRIMER.
Plaster Primer Paint work to ceilings INCLUDE cover strips and cornices. New ceiling: apply primer to all nail heads and apply one coat plaster primer to whole ceiling area. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting, before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.
- 42 Work description: Paint ceiling complete with 2 coat super acrylic PVA.
Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

- 58 Work description: Prepare smooth plaster walls for painting.
Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of walls shall include opening all fine cracks with sharp object, the filling of cracks and all holes in wall with the appropriate filler or patching plaster, depending on the size of the cracks or holes. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. Let wall dry completely before any paint is applied. No sweeping or dusting shall be done after the wall had been prepare for painting, while painting is in progress or while paint is still wet.
- 64 Work description: Paint walls smooth plaster 1 coat UNIVERSAL UNDERCOAT.
All paint work shall be done according to the specifications of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 65 Work description: Paint smooth plaster walls, 2 coats silk paint.
All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 74 Work description: Chip 80% of wall and provide key coat on wall for ceramic tiles
Apply Tylon Key it or Tal primer and keying agent to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply Tylon Key it or Tal keying agent as specified by the manufacturer.
BEFORE ANY TILING MAY COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE.

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

- 77 Work description: Remove glazed wall tiles.
Remove old tiles completely with all adhesive and clean surfaces thoroughly, ready for new tiles.
- 79 Work description: Lay glazed wall tiles.
*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.
Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.
- 83 Work description: Provide/Replace tile splash back for basin.
The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for size above, as recommended by the tile manufacturer.
- 101 Work description: Teeth out brick work
JOINING NEW WALLS TO PLASTERED STRUCTURES:
Cut and hack off plaster to the extent required. Cut toothings 114mm deep. New brick work tying into toothings is to be well bedded and filled in on top and at ends, with cement mortar.
- 109 Work description: Build 110mm Common Brick wall.
Supply approved cement or clay bricks. Clay brick shall comply with SABS 227 and cement bricks shall comply with SABS 1215. The mortar for wall shall be 1 part PPC cement and 4 parts clean approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers of brick. Bricks of different composition are not to be mixed and build into the same wall.

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

115 Work description: Plaster wall.

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

WINDOWS INTERIOR

158 Work description: Paint windowsill.

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

WINDOWS INT AND EXT

205 Work description: Paint window frame complete.

Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Replace any beading that are missing and reputty the window panes. Apply one coat universal undercoat and two coats water-base Dulux Pearlgl. After painting window-openings, sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible for any lost window fittings.

1.03m X 1.59m	each	11
1.20m X 1.20m	each	15
0.50m X 0.50m	each	3

DOORS/SECURITY GATES

245 Work description: Replace indicator locking bolt

Replace indicator locking bolt, type as specify on work list. Screws for fixing of barrel bolts shall be of matching metal and finish

287 Work description: Paint door complete, 2 coats.

Previously painted doors: Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Remove handle, Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal undercoat and two coat finishing paint as per work list. Let dry re fit handles. New doors to be painted: Remove lock and handles. Sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply one coat wood primer, one coat universal undercoat and two coats finishing paint as per work list. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

DOORFRAMES

329 Work description: Paint frame complete 2 coats.

Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal and two coat finishing paint as per work list. Previously painted steel doorframes: Clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats finishing paint as per work list. New wooden door frames to be painted/varnished: Sand smooth, wipe sanding dust off with damp cloth, allow to dry and apply one coat wood primer, one coat universal undercoat and two finishing coats as per work list. Allow paint to dry between coats.

FLOORS

335 Work description: Repair crack in concrete floor

SURFACE PREPARATION

Chisel out the crack using a chisel and a hammer to 10mm wide. All surfaces should be clean and free from any laitance, oils or grease. Concrete surfaces are to be wetted a few hours before grouting, taking care to remove any remaining water immediately prior to grouting. Any defective concrete should be cut back to sound material. Take care to allow gaps that will ensure a continuous flow of grout through the gap. Other than making provision for the escape of entrapped air, the gap or cavity must be watertight to retain the flowing grout and prevent the suction of water from the grout. A minimum clearance of 10 mm needs to be maintained between bed and base. Always pour from one side thus ensuring that the grout fills the void without entrapping air.

MIXING

All water contents apply to 25 kg. pockets of duragROUT P. Water quantities must be adjusted to match size of mix. Mixes must always use complete pockets, but more than one pocket may be used or mixed at a time. Mixing of grout may be carried out in a pan mixer, drum mixer or by using a slow-speed electric drill fitted with a suitable paddle. Always use clean water. For flow able consistency use 9-11 litres of water per pocket and for trowel able consistency use 6-8 litres of water. Accurately measure the water into the mixing vessel and whilst slowly adding the dura grout P mix until a homogeneous, lump free mixture is obtained. This should not take longer than 5 minutes.

PLACING

Mixed grout should be poured into the cavity at one point only to avoid entrapping air. For best results, mixed grout should be poured within

10 minutes of mixing and definitely within 20 minutes. After 20 minutes the grout may not expand. If grout is not placed immediately after mixing, keep the material agitated. Grouting mixture more than 20 minutes old must be discarded. dura grout P can be compacted by gentle Roding or punning. It may also be applied by means of standard low-pressure grouting pumps.

Do not re-temper the grout should the consistency drop due to time lapse.

365 Work description: Chip 80% and provide key coat on floor for ceramic tiles.

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

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

366 Work description: Lay first grade ceramic tiles on floor.
*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS.***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO. SPECIFICATIONS PER ITEM.

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

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

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

- 405 Work description: Form floor in shower cubicle.
Lay the surface bed in shower cubicles with Class C-concrete, 100mm thick, at the required levels and with falls towards outlet in floor. Form a raised kerb across opening to each cubicle, 75mm wide and 75mm above finished surface of floor.
- 406 Work description: Lay ceramic floor tiles on shower floor.
Grout for shower floor tiles shall be mixed with Tylon or Tal bond it, not with water. Ceramic mosaic is to be of approved manufacturer and colour as specified. Tile size approximately 50 x 50 x 4 mm thick, fixed to paper in squares about 316 x 316 mm or 330 x 330 mm. Bed to 3:1 cement screed. Finish to a lightly scratched surface in mortar, composed of 1 part white cement to 3 parts of marble dust. After setting, remove paper and flush-up joints with waterproof grout.
TILE SHALL HAVE FALL TOWARDS OUTLET. TOP OF TILE SHALL BE LEVEL WITH TOP OF TRAP GRID. TILES SHALL BE IN STRAIGHT LINES. NO PONDING OF WATER SHALL BE ALLOWED.
- 417 Work description: Paint floor
Item include cleaning of floor to the satisfaction of the project manager.

STAIRS INTERIOR

- 419 Work description: Repair locker stands with cement prior to painting.

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

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ITEM NO. SPECIFICATIONS PER ITEM.

CUPBOARDS / TABLE

- 442 Work description: Paint sink cupboard
Wash cupboard doors and frame with sugar soap to remove all dirt. Sand cupboard thoroughly and wipe clean with damp cloth to remove all sanding dust. Apply 1 coat Plascon or Dulux universal under coat and 2 coat Plascon velva glo or Dulux pearl glo.
- 445 Work description: Remove sink wood or steel cupboard for scrap
Remove sink wood type or steel type cupboard for scrap, if specified to re-use sink, the sink must be remove with care to be fitted to new type cupboard as specified.
- 447 Work description: Supply and fit/replace purpose made Supa Wood melamine sink cabinet. Cupboard shall be manufactured from supa wood with white melamine throughout, with high impact PVC edging. Cupboard to have 2 doors, 1 shelve and a water-resistant base plinth. Cupboard to have White Masonite back. Door edges to be neatly rounded router finished and sealed with sanding sealer. Each door to be fitted with 2 each insert hinges, roller catches and standard chrome plated type handles with 2 screws per handle. Top oak post form with bull nose on front side. Post form top to be cut drop inn sink. All joints to be jointed with dowels or biscuit and glued with adhesive for melamine or method approved by project manager. Chipped or damaged cupboards will not be approved.
- 451 Work description: Supply/replace Formica post form top
- 452 Work description: Manufacture build in kitchen cupboards
Build as per attached sketch and specifications
Cupboards shall be fitted with cherry wood doors.

PLUMBING INTERIOR

- 462 Work description: Remove wash hand basin, complete.
- 465 Work description: Install/replace wash hand basin, 2 taps, connecter, outlet and rubber trap. Wash hand basins white porcelain/glazed ceramic and shall comply with (SABS 497). Pillar taps shall be chromium plated brass and of heavy pattern Cobra brand and shall comply with (SABS 226). Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Taps for cold water with green/blue plastic inserts on the right hand side. Waste outlet shall be chromium plated brass with plug, chain and of Cobra brand and shall comply with (SABS 226). Rubber trap shall comply with (SABS 1321). Installation of basin, taps, waste outlet and trap shall be done in accordance with the relevant manufacturer's instructions. Basin shall be fixed with silicone layer between basin and wall. Basin shall be level and shall be 800mm from finished floor level to top front section of basin if no pedestal basin is specified.
- 489 Work description: Toilet pan and cistern remove complete

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ITEM NO. SPECIFICATIONS PER ITEM.

- 491 Work description: Fit Vaal toilet complete include WC pan, cistern 11l, angle valve, flex connector and toilet seat
Pedestal water closet pans shall be of the wash down type, approximately 400 mm high, of white glazed fireclay or vitreous china, complying with the requirements of SABS Specification 497. The pans shall have "P" traps with straight outlets or right or left hand side outlets, as required. Pans shall be bedded onto the floors in 3:1 cement mortar. Pan shall be level and in parallel with wall next to Pan, Installation of the cistern shall be done in accordance with the relevant manufacturer's instructions. Use approved porcelain low level cistern that complying with the requirements of SABS Specification 821, and complying with the requirements of SABS Specification 497. Low level cisterns shall be of the valve less siphon type or of the flushing valve type, each with body and removable cover – NB: Flush pipes to flushing cisterns shall have an internal diameter of not less than 34 mm. Install Cobra brand angle valve with chrome plated or braided flex connector, any other brand make shall first be approved by project manager. The pan shall be fitted with approved solid plastic double flap seats having closed fronts of size and shape required to fit the pan each attached to pan with non-ferrous metal fixing bolts or plastic bolts.
- 497 Work description: Replace shower outlet, trap and waste pipe complete
Provide and set in the concrete filling 50mm diameter brass shower trap with brass chromium-plated grating. Grating shall be level with tile finish. From trap take 50mm diameter PVC waste pipe through wall to outside, fit inspection bend and continue down and along walls as required and connect to inlet on gulley head or direct to sewer.
- 499 Work description: Install under tile shower taps.
Taps shall be level and installed at right depth. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 501 Work description: Fit shower rose
Provide and fix in each shower cubicle an approved 50mm diameter brass chromium-plated shower rose connected with short length of 15mm diameter chromium-plated pipe taken down on wall to height required and connect to 15mm brass chromium-plated stop cock to cold water supply.
- 505 Work description: Supply and fit shower door, sliding.
Supply and install pivot shower door from Kal Aluminium or Wespeco or type approved by project manager. Install according to the manufacture's specifications.
- 513 Work description: Fit sink taps 15mm.
Replace sink tap with Cobra heavy duty chrome plated star bib tap and chrome plated brass extension pipe. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 515 Work description: Remove sinks for scrap

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ITEM NO. SPECIFICATIONS PER ITEM.

- 517 Work description: Install / replace sink double bowl
Stainless steel sinks with draining boards for domestic use shall comply with the requirements of SABS Specification 242, and shall be constructed of Type 304 stainless steel with exposed surfaces having satin finish. All provided with splash backs, tiling keys at back and at ends where against walls. The stainless steel for bowls and draining boards having an overall length not exceeding 1,52m shall be 0,9 mm thick, but for draining boards having an overall length exceeding 1,52m shall be 1,25 mm thick.
**Overlay sink shall be with brackets on bottom, no fixing on front or exposed sides shall be allowed.
**Drop in sinks fitted to post form tops shall be sealed with mould resistant silicone sealer and sealer shall be applied between sink and post form top, it shall not be applied only around sink after sink had been fitted in position.
- 518 Work description: Replace stopcock
Provide and fix in "HOT" and "COLD" water supply pipes inside the building where shown or directed approved brass chromium-plated screwed down stop cocks
- 520 Work description: Install under tile stop taps.
Taps shall be level and installed at right depth. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 538 Work description: Install / replace water pipes 15mm copper pipes
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is avoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.
- 539 Work description: Install water pipes 22mm copper pipes.
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is unavoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.

FIT/REPLACE ITEMS/ FURNITURE

- 565 Work description: Fit toilet paper holder/dispenser.
provide with type specified on work list. Chromium-plated toilet roll holders or White powder coated toilet paper dispenser holding 2 or 3 rolls.

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TENDER NO:

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ITEM NO. SPECIFICATIONS PER ITEM.

- 566 Work description: Replace single 150mm x 150mm ceramic soap dish.
Remove existing cracked or damaged soap receptacles, including cement mortar.
Thoroughly clean out and wet hole. Provide and fit in cement mortar, a new approved white or colour glazed earthenware soap receptacle with tongued lip. Soap receptacles are to be thoroughly wetted in water prior to fixing, and neatly finished off with neat white cement grout. work description:
- 569 Work description: Fit towel rail
Provide chrome plated towel rail and brackets. Towel rail shall be 1m long and fix with fisher plugs and at least 35mm long countersunk self-tapping stainless steel screws.
- 571 Work description: Fit chrome coat hooks
Provide and fix in the position indicated or directed, 1000mm x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails.

WALLS EXTERIOR

- 730 Work description: Paint wall, brick finish.
All paint work shall be done to the specification of the manufacturer. Over coating time shall be allowed as specified by the manufacturer. All surfaces not being painted, such as brick work, sills, floors and the like must be covered up and protected against spotting before any painting commences. No sweeping or dusting shall be allowed while painting is in progress or while paint is still wet. All items that are more cost effective to be removed from wall and to be re-fixed, must be removed to avoid cutting in against items such as notice boards and other items.. Dry film thickness to be 90µm per coat.

WINDOWS EXTERIOR

- 740 Work description: Replace front putty.
Replace all loose and cracked putty, clean frames and apply one coat steel primer to steel window frame. Apply new front putty to neat and straight finish.
- 747 Work description: Paint window sills.
Remove all loose and defective paint, remove all polish with turps or thinners. Sand windowsills completely, wipe sill clean with damp cloth to remove all sanding dust. Apply two coats Plascon or Dulux floor/stoep paint.

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TENDER NO:

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ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
7	Install gypsum board 6.4mm ceiling. include brandering, include H profile strips	39	M^2		
8	Install new PVC ceiling as per specifications	18	M^2		
37	Prepare ceiling surface for painting. wash rhino, nutec or concrete ceilings with sugar soap. fill all cracks and holes, sand existing ceiling paint to provide bonding for new paint. rinse ceiling with clean water to remove sugar soap and sanding dust.	121	M^2		
40	Spot prime all nail heads with universal undercoat and paint new ceiling complete with one coat plaster primer. (see attached paint specification)	20	M^2		
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	225	M^2		
WALLS INTERIOR					
58	Prepare walls for painting, wash smooth plaster walls with sugar soap, open cracks up to 4mm with sharp object, fill cracks and all holes, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove all sanding dust	113	M^2		
64	Paint wall 1 coat universal undercoat (use item to change paint finish from gloss/egg shell enamel to water based paint). apply paint only after preparation as per attached specification.	361	M^2		
65	Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint. apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	292	M^2		
74	Chip 80% of wall area to be tiled and apply key coat to wall before laying ceramic tiles. key coat shall be apply according the manufacturer specification on container	177	M^2		
77	Remove glazed wall tiles complete from plaster or brick wall. remove all adhesive.	37	M^2		
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	234	M^2		
83	Provide tile splash back for basin 600 mm wide x 500 mm high. use only 1st grade white ceramic 200mm x 250 mm wall tiles. item includes white plastic tile edge strip on top and on both sides of splash back.	6	EA		
101	Teeth out every second layer of bricks to allow for the joining of a new 100mm wall to existing brick wall. for 110mm single wall measure 1 x length and 2 x length for 220mm wall. too things 114mm deep. item includes the re-plastering of the toothed areas	18	M		
109	Build 110mm stock brick wall with approved clay bricks, item includes brick force every 4 layers. (mix for building 1 part cement and 4 parts approved building sand) (read attached detailed specification)	29	M^2		
115	Plaster interior wall +/- 15mm thick one coat smooth finish plaster. item does not include soffits and reveals, see item for soffits and reveals (mix for plaster 1 part cement and 5 parts approved plaster sand) (read all attached detailed specifications)	58	M^2		
WINDOWS INTERIOR					
158	Paint window sill: item includes, wash, sand, rinse with clean water and paint of previously painted window sill with 2 coats grey floor/stoop paint.	36	EA		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO:

ASSET NO: 02BAD19C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
WINDOWS INT AND EXT					
205	Paint residential large pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux water-base pearl glo Woodmoss code -3I1-5. item includes removing all old paint from glass area and cleaning of glass. see detailed specifications.	84	M^2		
DOORS/SECURITY GATES					
245	Replace indicator locking bolt on door complete. (specify type)	6	EA		
287	Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearl glo river rock code 6j1-7. Do preparation before painting per spec. Door 810mmx2.03m=3.66m ² . 75mmx2.03m=3.42m ² . Item include remove before paint and refit of handles	6	EA		
DOORFRAMES					
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearl glo lockness code-3I1-5. single steel frame. 115mm=1.150m ² . single 230mm=1.750m ² . double 1511mm x 115mm=1.29 m ² . double 1511mm x 230mm=1.96 m ² . Do preparation as per specification	6	EA		
FLOORS					
335	Repair crack 10 to 20mm wide in concrete floor with Abe duragROUT p product as per attached specifications	5	M		
365	Chip 80 % of concrete floor area. supply and apply Tylon or tal key coat to floor for ceramic tiles (please read the manufacture specifications on container on how to mix and apply the key coat)	163	M^2		
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB11 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting Read specifications	300	M^2		
367	Lay 1st grade full body 300x300 porcelain floor tiles (use 10x6mm notched trowel) joints 5mm wide use only Tylon porcelain tile adhesive or porcelain tile adhesive as approved by project manager. Read attached specifications	19	M^2		
405	Build shower floor wall, 2 bricks high. form concrete shower floor 1.0m x 1.0m. in side shower cubicles, floor shall have fall towards outlet. make sure to leave space for ceramic floor tiles and adhesive to be level with top of outlet grid.	11	EA		
406	Tile shower floor with 50mm x 50mm dark grey mosaic tiles. tile shall have fall towards outlet. top of tiles shall be level with the top of outlet trap grid. fit 2 rows of mosaic tiles as skirting. mix grout with Tylon Tal bond it, not water	11	M^2		
417	Clean floor from all oil, grease, dirt with heavy duty detergent to the satisfaction of the project manager. rinse with clean water and leave to completely dry out. apply two coats Dulux or Plascon dark grey floor paint	26	M^2		
STAIRS INTERIOR					
419	Repair locker stands	26	M^2		
CUPBOARDS / TABLE					
442	Do preparations as specified, supply paint and paint build in cupboard, paint doors complete both sides, paint frame only on outside. Apply 1 coat Plascon or Dulux universal under coat and 2 coat Plascon veiva glo or Dulux pearl glo. Colour: ??????????????	1	EA		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO:

ASSET NO: 02BAD19C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
445	Remove sink cupboard wood / steel complete for scrap. **remove sink with care from cupboard for re-use	1	JOB		
447	Fit 1.20m sink cabinet manufactured from melamine supa wood with post form top. cut top for drop inn sink. supply cupboard with 3 doors, shelf, standard 2 screw handles and hinges. apply silicone between sink and top. item does not include sink	1	EA		
451	Fit 600mm wide natural oak Formica post form top one side bull nose, length as specified (specify length) or specify different type work top	3	M		
452	Build in wood kitchen cupboards as per attached sketch and specifications	2	JOB		
PLUMBING INTERIOR					
462	Remove hand wash basin complete with brackets and waste pipe. item include the repair of all holes in wall. item does not include the water pipes. see item to remove water pipes per job as necessary.	1	EA		
465	Install approved type porcelain wash hand basin, 2 cobra heavy pattern pillar taps with star handle, 2 braided flex connectors, chrome plated brass outlet, chain, plug and rubber trap (install basin 800mm high from floor to front top edge of basin)	1	JOB		
489	Remove toilet pan and cistern complete, item do not include pipes	6	EA		
491	Fit toilet complete include wc pan, cistern 11l, angle valve, flex connector and heavy duty plastic seat	6	EA		
497	Install shower outlet. fit brass p trap with chrome plated outlet and PVC waste pipe complete to outside of building include all necessary fittings	10	EA		
499	Install heavy pattern Cobra under tile shower tap with star handle (item does not include pipe work and water point. see item for pipes and to provide water point)	20	EA		
501	Fit shower rose with swivel type complete with cobra brass chrome plated extension pipe with cover plate	10	EA		
505	Install Kal/Wespeco or approved sliding glass and aluminium shower door with obscure/frosted glass. silicone sealer shall be applied between tiles and aluminium frame before fitting frame and not after frame has been fixed.	10	EA		
513	Fit sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe.	2	EA		
515	Remove stainless steel sinks with wood cabinets and steel waste pipes complete for scrap	1	JOB		
517	Replace double bowl sink item exclude cabinet, fit 1800mm long x 530mm wide double bowl **overlay**drop in** stainless steel sink, complete with chrome plated brass outlet with plug. (read attached detail specifications)	1	EA		
518	Replace stopcock/ballo stop 15 mm with cobra brand chrome plated brass stopcock	1	EA		
520	Install heavy pattern Cobra under tile 20mm tap with star handle (item include pipe work and water point. see item for pipes and to provide water point) Install on feed pipe for hot and cold water to pipes in service gulley for basins and urinals	1	EA		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO:

ASSET NO: 02BAD19C

ITEM NO	FAULT DISCIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
538	Install water pipes 15mm class 2 copper pipes against wall and or in wall and or in roof, item exclude fittings, item to supply water point cover the fittings. (pipes in wall, all the pipe work shall be inspected before closing of pipes with plaster).	30	M		
539	Install water pipes 22mm class 2 copper pipes in wall and or in roof, item excludes fittings, item to supply water point cover the fittings. (pipes in wall, all the pipe work shall be inspected before closing of pipes with plaster).	10	M		
FIT/REPLACE ITEMS/ FURNITURE					
565	Fit TR2 Kimberley Clark white lockable toilet paper dispenser type: holding 2 or 3 rolls	6	EA		
566	Break out broken porcelain soap dish, supply new porcelain soap dish and install complete in position with ceramic tile adhesive and finish joints with grout to match tiles. (for shower fit 1250mm height from shower floor)	10	EA		
569	Fit towel rail	5	EA		
571	Fit chrome plated coat hook to wall	10	EA		
WALLS EXTERIOR					
730	Paint exterior brick wall, not plastered, with 2 coats Dulux wall guard paint or similar paint approved by project manager. apply paint only after preparation as per attached specification has been done. colour: Dulux barely beige code 3hi-1.	59	M^2		
WINDOWS EXTERIOR					
740	Remove loose and cracked front putty. clean steel of all dirt and rust and paint glazing bars with Dulux or Plascon steel anti rust primer. replace front putty to neat and straight finish.	67	M^2		
747	Paint previously painted window sills, any type, apply 2 coats stoep or floor paint. apply paint only after preparation as per attached specification has been done	31	M^2		

"PREVIEW COPY ONLY"

Respondent's signature: _____ Date: ____/____/____

TENDER NO:

ASSET NO: 02BAD19C

ITEM NO	FAULT DISCIPTION
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ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 6 R

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

Cost for the risk and saftey must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and Implemented.

RISK AND SAFETY R

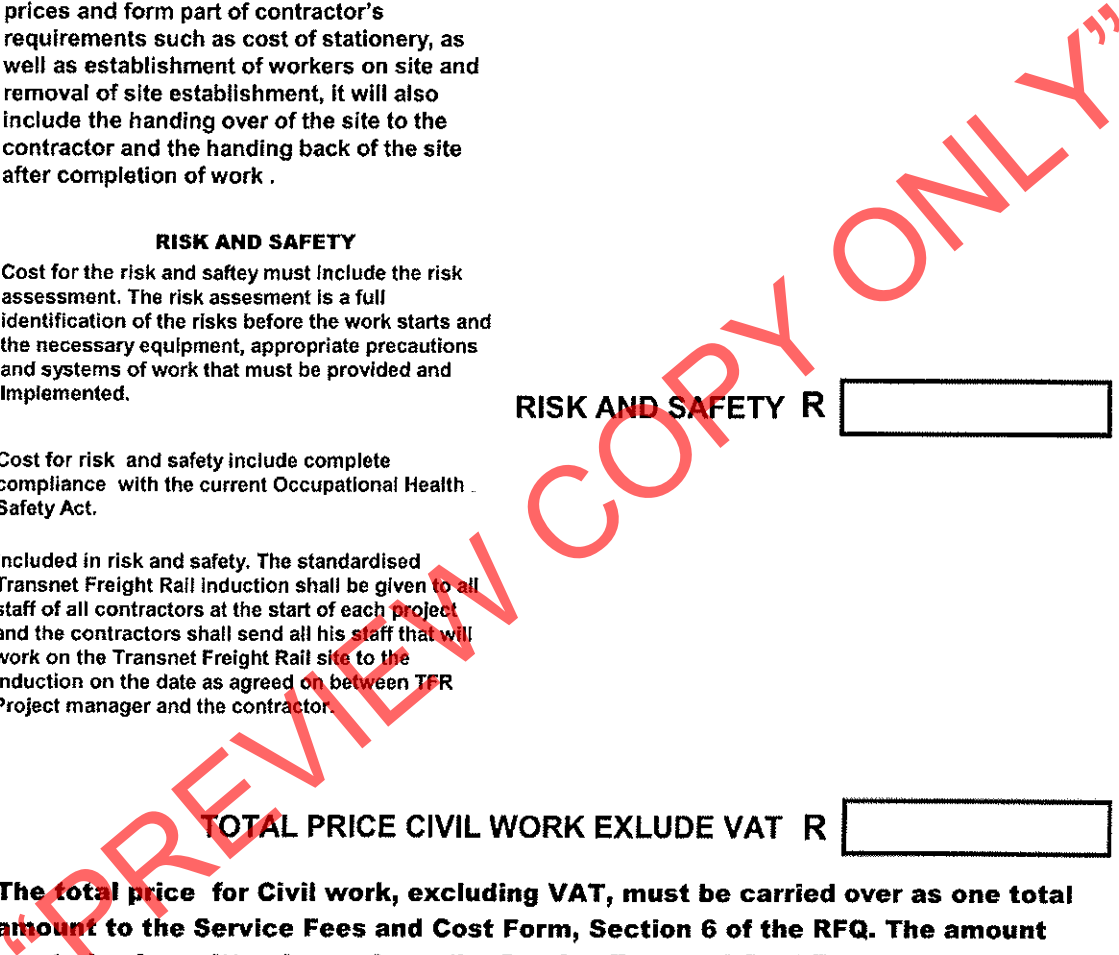
Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the Induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____



ANNEXURE A

ASSET DESCRIPTION: Mess room

ASSET LOCATION: Marshalling yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance to messroom

TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 3 Work description: Replace section of ceiling panel
Cut out damaged section as shown by project manager and fit new section to of ceiling to match the texture, finish and colour of existing ceiling. Fix cover strips or half rounds over joint to match ceiling finish
Cut damage section of ceiling, cut square and parallel to existing joints and brandering, fit additional brandering and cut new section of ceiling board to match existing board. Nail with clout nails or screw in place with chip board screws. Cover joints with cover strips and finish with filler as necessary.
- 5 Work description: Break out ceiling boards, only leave brandering.
Break out ceiling boards, inspect brandering and contact project manager if any section of brandering needs replacing. Remove all clout nails or any other nails that were used to fix boards and where necessary fix loose brandering. Line up brandering in straight line.
- 6 Work description: Break out ceiling boards include brandering
Break out ceiling boards with brandering, care shall be take not to damage tie beams. Remove all rubble from site
- 7 Work description: Replace rhino board ceiling complete, include brandering, cornice and skimming
The ceiling boards must always be fixed with the length of the board at right angles to the brandering. Rhino board is fixed with the ivory side facing down. Board shall be in long lengths, symmetrically arranged. Ceiling boards shall be secure at 150mm centres with 38mm galvanized clout-headed nails. The nails shall be driven into the board with the nail heads flush with the board. Board shall be joint with H – profile steel jointing strips. Boards can also be fixed with chip board screws spaced as with clout nails.
- 8 Work description: Fit PVC ceiling complete, include brandering and cornice
The ceiling board must always be fixed with the length of the board at right angles to the brandering. Banderling shall be secured at 400mm centres. Boards can be fixed with chip board screws spaced as with clout nails.
- 37 Work description: Prepare ceiling area for painting.
Wash ceiling thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of ceilings shall include the driving in of all proud standing nails at rhino or Nutec ceilings or opening of all fine cracks with a sharp object, the filling of cracks and all small holes in ceiling with an appropriate filler. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface, removing all loose particles and dust ensuring that the surface is sound. Sand existing paint on ceilings to provide bond for new paint. After sanding, wipe ceiling thoroughly with clean damp cloth to remove sanding dust. Let ceiling dry completely before any paint is applied. No sweeping or dusting shall be done after the ceiling has been prepared for painting or while painting is in progress or while paint is still wet.

Respondent's signature: _____ **Date:** ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 42 Work description: Paint ceiling complete with 2 coat super acrylic PVA.
Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

- 53 Work description: Repair crack in wall 3 TO 5 mm wide.
Clean crack with sharp object and fill with 2 or 3 layers of Poly cell mend all or similar filler and finish smooth and level with wall.
- 58 Work description: Prepare smooth plaster walls for painting.
Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of walls shall include opening all fine cracks with sharp object, the filling of cracks and all holes in wall with the appropriate filler or patching plaster, depending on the size of the cracks or holes. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. Let wall dry completely before any paint is applied. No sweeping or dusting shall be done after the wall had been prepare for painting, while painting is in progress or while paint is still wet.
- 65 Work description: Paint smooth plaster walls, 2 coats silk paint.
All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 74 Work description: Chip 80% of wall and provide key coat on wall for ceramic tiles
Apply Tylon Key it or Tal primer and keying agent to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply Tylon Key it or Tal keying agent as specified by the manufacturer.
BEFORE ANY TILING MAY COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE.
- 77 Work description: Remove glazed wall tiles.
Remove old files completely with all adhesive and clean surfaces thoroughly, ready for new files.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 79 Work description: Lay glazed wall tiles.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.

Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

- 101 Work description: Teeth out brick work
 JOINING NEW WALLS TO PLASTERED STRUCTURES:
 Cut and hack off plaster to the extent required. Cut toothings 114mm deep. New brick work tying into toothings is to be well bedded and filled in on top and at ends, with cement mortar.
- 109 Work description: Build 110mm Common Brick wall.
 Supply approved cement or clay bricks. Clay brick shall comply with SABS 227 and cement bricks shall comply with SABS 1215. The mortar for wall shall be 1 part PPC cement and 4 parts clean approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers of brick. Bricks of different composition are not to be mixed and build into the same wall.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

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

WINDOWS INTERIOR

- 158 Work description: Paint windowsill.
 Remove all polish with turps or thinners and sand window sill completely, clean sill with damp cloth to remove all sanding dust. Apply two coats of Plascon, Dulux gloss floor or Stoep paint for previously painted sills and two coats stone dressing to un-painted quarry tile window sills.

WINDOWS INT AND EXT

- 196 Work description: Replace cracked/broken windowpanes (obscure).
 Remove broken windowpane, clean frame from all rust and dirt. Paint frame with anti rust metal primer. Fixing of glass shall comply with part N of section 3 of SABS 0400 The glass for glazing shall comply with (cks 55). The thickness of panes related to its area shall be in accordance with (SABS 0137). Glazing putty shall comply with (SABS 680). Back putty shall not exceed 3mm. Glazing shall be executed in accordance with (SABS 0137). Front putty must be straight and in line with the top of the frame profile. Glass panes shall have adequate clearance between the edges of glass and the rebates as no glass to metal/wood contact at any point will be permitted.
- 205 Work description: Paint window frame complete.
 Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Replace any beading that are missing and re-putty the window panes. Apply one coat universal undercoat and two coats water-base Dulux Pearl glo. After painting window-openings, sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window. The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible for any lost window fittings.

1.03m X 1.59m	each	11
1.20m X 1.20m	each	15
0.50m X 0.50m	each	3

DOORS/SECURITY GATES

- 245 Work description: Replace indicator locking bolt
 Replace indicator locking bolt, type as specify on work list. Screws for fixing of barrel bolts shall be of matching metal and finish

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 270 Work description: Fit Night latch to new or existing door.
Night latch lock and furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock must fit precise and shall be straight and parallel to door. Locks shall be fixed with the right type of screw for the type of lock.
- 287 Work description: Paint door complete, 2 coats.
Previously painted doors: Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Remove handle, Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal undercoat and two coat finishing paint as per work list. Let dry re fit handles. New doors to be painted: Remove lock and handles. Sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply one coat wood primer, one coat universal undercoat and two coats finishing paint as per work list. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.
- 304 Work description: Manufacture and install security gate.
Manufacture security gates with grade A steel. Use 32 X 32 X 2 mm (minimum thickness) square tubing for main frame. Use 25 X 25 X 1.6 mm (minimum thickness) square tubing for gate frame and for horizontal bars. All horizontal bars shall be drilled to accommodate 12 mm round bars. Use 12 mm diameter solid round bar for vertical bars. Vertical bars shall be straight and be evenly spaced at not more than 120 mm centres. Provide each gate with 3 butterfly hinges, hinges size 50 mm long and 10 mm diameter. Fit three hinges to each gate, fit one hinge 150 mm from top one in centre and one 150 mm from bottom of gate. Fit Ultra double gate security gate lock to double gate and Ultra single gate security lock to single gates. Drill 4 holes of 12 mm diameter each side of main frame, space holes evenly and drill holes at least 100 mm deep in brick wall. Insert 132 mm long X 12 mm diameter round bar in holes and weld to main frame. Cut and grind flush with main frame. All corners shall be mitred 45 degrees and welding shall be neat with all welding flux and spots removed and clean with steel brush. Clean steel with metal cleaner or thinners to remove all oil and dirt. Apply one coat Plascon or Dulux metal primer, one coat Plascon or Dulux universal undercoat and one coat Plascon or Dulux white gloss enamel to gates. As per specification, allow paint to dry between coats.

DOORFRAMES

- 329 Work description: Paint frame complete 2 coats.
Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal and two coat finishing paint as per work list. Previously painted steel doorframes: Clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats finishing paint as per work list. New wooden door frames to be painted/varnished: Sand smooth, wipe sanding dust off with damp cloth, allow to dry and apply one coat wood primer, one coat universal undercoat and two finishing coats as per work list. As allow paint to dry between coats.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 330 Work description: Paint frame with fan light, complete 2 coats.
 Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal and one coat gloss enamel on painted frames. Previously painted steel doorframes: Clean doorframe from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and one coat gloss-enamel. New wooden door frames to be painted: Sand smooth, wipe sanding dust off with damp cloth, allow to dry. Apply one coat wood primer, one coat universal undercoat and 2 coats Dulux pearglo on doors frames. Allow paint to dry between coats as per manufacturer specifications

FLOORS

- 335 Work description: Repair crack in concrete floor
 SURFACE PREPARATION

Chisel out the crack using a chisel and a hammer to 10mm wide. All surfaces should be clean and free from any laitance, oils or grease. Concrete surfaces are to be wetted a few hours before grouting, taking care to remove any remaining water immediately prior to grouting. Any defective concrete should be cut back to sound material. Take care to allow gaps that will ensure a continuous flow of grout through the gap. Other than making provision for the escape of entrapped air, the gap or cavity must be watertight to retain the flowing grout and prevent the suction of water from the grout. A minimum clearance of 10 mm needs to be maintained between bed and base. Always pour from one side thus ensuring that the grout fills the void without entrapping air.

MIXING

All water contents apply to 25 kg pockets of duragROUT P. Water quantities must be adjusted to match size of mix. Mixes must always use complete pockets, but more than one pocket may be used or mixed at a time. Mixing of grout may be carried out in a pan mixer, drum mixer or by using a slow-speed electric drill fitted with a suitable paddle. Always use clean water. For flow able consistency use 9-11 litres of water per pocket and for trowel able consistency use 6-8 litres of water. Accurately measure the water into the mixing vessel and whilst slowly adding the dura grout P mix until a homogeneous, lump free mixture is obtained. This should not take longer than 5 minutes.

PLACING

Mixed grout should be poured into the cavity at one point only to avoid entrapping air. For best results, mixed grout should be poured within 10 minutes of mixing and definitely within 20 minutes. After 20 minutes the grout may not expand. If grout is not placed immediately after mixing, keep the material agitated. Grouting mixture more than 20 minutes old must be discarded. dura grout P can be compacted by gentle Roding or punning. It may also be applied by means of standard low-pressure grouting pumps. Do not re-temper the grout should the consistency drop due to time lapse.

- 365 Work description: Chip 80% and provide key coat on floor for ceramic tiles.
 Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer and keying agent for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat)

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 366 Work description: Lay first grade ceramic tiles on floor.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS.***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond it in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.
- 405 Work description: Form floor in shower cubicle.
 Lay the surface bed in shower cubicles with Class C-concrete, 100mm thick, at the required levels and with falls towards outlet in floor. Form a raised kerb across opening to each cubicle, 75mm wide and 75mm above finished surface of floor.
- 406 Work description: Lay ceramic floor tiles on shower floor.
 Grout for shower floor tiles shall be mixed with Tylon or Tal bond it, not with water. Ceramic mosaic is to be of approved manufacturer and colour as specified. Tile size approximately 50 x 50 x 4 mm thick, fixed to paper in squares about 316 x 316 mm or 330 x 330 mm. Bed to 3:1 cement screed. Finish to a lightly scratched surface in mortar, composed of 1 part white cement to 3 parts of marble dust. After setting, remove paper and flush-up joints with waterproof grout.
 TILE SHALL HAVE FALL TOWARDS OUTLET. TOP OF TILE SHALL BE LEVEL WITH TOP OF TRAP GRID. TILES SHALL BE IN STRAIGHT LINES. NO PONDING OF WATER SHALL BE ALLOWED.

STAIRS INTERIOR

- 419 Work description: Repair locker stands with cement prior to painting.

CUPBOARDS / TABLE

- 442 Work description: Paint sink cupboard
 Wash cupboard doors and frame with sugar soap to remove all dirt. Sand cupboard thoroughly and wipe clean with damp cloth to remove all sanding dust. Apply 1 coat Plascon or Dulux universal under coat and 2 coat Plascon velva glo or Dulux pearl glo.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 445 Work description: Remove sink wood or steel cupboard for scrap
Remove sink wood type or steel type cupboard for scrap, if specified to re-use sink, the sink must be remove with care to be fitted to new type cupboard as specified.
- 447 Work description: Supply and fit/replace purpose made Supa Wood melamine sink cabinet. Cupboard shall be manufactured from supa wood with white melamine throughout, with high impact PVC edging. Cupboard to have 2 doors, 1 shelve and a water-resistant base plinth. Cupboard to have White Masonite back. Door edges to be neatly rounded router finished and sealed with sanding sealer. Each door to be fitted with 2 each insert hinges, roller catches and standard chrome plated type handles with 2 screws per handle. Top oak post form with bull nose on front side. Post form top to be cut drop inn sink. All joints to be jointed with dowels or biscuit and glued with adhesive for melamine or method approved by project manager. Chipped or damaged cupboards will not be approved.

PLUMBING INTERIOR

- 462 Work description: Remove wash hand basin, complete.
- 465 Work description: Install/replace wash hand basin, 2 taps, connector, outlet and rubber trap. Wash hand basins white porcelain/glazed ceramic and shall comply with (SABS 497). Pillar taps shall be chromium plated brass and of heavy pattern Cobra brand and shall comply with (SABS 226). Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Taps for cold water with green/blue plastic inserts on the right hand side. Waste outlet shall be chromium plated brass with plug, chain and of Cobra brand and shall comply with (SABS 226). Rubber trap shall comply with (SABS 1321). Installation of basin, taps, waste outlet and trap shall be done in accordance with the relevant manufacturer's instructions. Basin shall be fixed with silicone layer between basin and wall. Basin shall be level and shall be 800mm from finished floor level to top front section of basin if no pedestal basin is specified.
- 467 Work description: Break out / remove urinal stainless steel / porcelain
- 474 Work description: Install Wall mounted porcelain bowl urinal with flash master valve complete
Wall mounted urinals shall be of white glazed fireclay or vitreous china type, each approximately, with back flush entry and secured to wall with not less than two concealed hanger brackets. The urinals shall each be fitted with 38 mm diameter chromium plated domical grating, approved urinal flushing valve complete with push button assembly, spreader and all other necessary chromium plated fittings. Fit each urinal outlet with a white PVC trap or brass chromium plated bottle trap.
- 489 Work description: Toilet pan and cistern remove complete

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 491 Work description: Fit Vaal toilet complete include WC pan, cistern 11l, angle valve, flex connector and toilet seat
Pedestal water closet pans shall be of the wash down type, approximately 400 mm high, of white glazed fireclay or vitreous china, complying with the requirements of SABS Specification 497. The pans shall have "P" traps with straight outlets or right or left hand side outlets, as required. Pans shall be bedded onto the floors in 3:1 cement mortar. Pan shall be level and in parallel with wall next to Pan, Installation of the cistern shall be done in accordance with the relevant manufacturer's instructions. Use approved porcelain low level cistern that complying with the requirements of SABS Specification 821, and complying with the requirements of SABS Specification 497. Low level cisterns shall be of the valve less siphon type or of the flushing valve type, each with body and removable cover – NB: Flush pipes to flushing cisterns shall have an internal diameter of not less than 34 mm. Install Cobra brand angle valve with chrome plated or braided flex connector, any other brand make shall first be approved by project manager. The pan shall be fitted with approved solid plastic double flap seats having closed fronts of size and shape required to fit the pan each attached to pan with non-ferrous metal fixing bolts or plastic bolts.
- 497 Work description: Replace shower outlet, trap and waste pipe complete
Provide and set in the concrete filling 50mm diameter brass shower trap with brass chromium-plated grating. Grating shall be level with tile finish. From trap take 50mm diameter PVC waste pipe through wall to outside, fit inspection bend and continue down and along walls as required and connect to inlet on gulley head or direct to sewer.
- 499 Work description: Install under tile shower taps.
Taps shall be level and installed at right depth. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 501 Work description: Fit shower rose
Provide and fix in each shower cubicle an approved 50mm diameter brass chromium-plated shower rose connected with short length of 15mm diameter chromium-plated pipe taken down on wall to height required and connect to 15mm brass chromium-plated stop cock to cold water supply.
- 505 Work description: Supply and fit shower door, sliding.
Supply and install pivot shower door from Kal Aluminium or Wespeco or type approved by project manager. Install according to the manufacture's specifications.
- 513 Work description: Fit sink taps 15mm.
Replace sink tap with Cobra heavy duty chrome plated star bib tap and chrome plated brass extension pipe. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 515 Work description: Remove sinks for scrap

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 517 Work description: Install / replace sink double bowl
Stainless steel sinks with draining boards for domestic use shall comply with the requirements of SABS Specification 242, and shall be constructed of Type 304 stainless steel with exposed surfaces having satin finish. All provided with splash backs, tiling keys at back and at ends where against walls. The stainless steel for bowls and draining boards having an overall length not exceeding 1,52m shall be 0,9 mm thick, but for draining boards having an overall length exceeding 1,52m shall be 1,25 mm thick.
**Overlay sink shall be with brackets on bottom, no fixing on front or exposed sides shall be allowed.
**Drop in sinks fitted to post form tops shall be sealed with mould resistant silicone sealer and sealer shall be applied between sink and post form top, it shall not be applied only around sink after sink had been fitted in position.
- 518 Work description: Replace stopcock
Provide and fix in "HOT" and "COLD" water supply pipes inside the building where shown or directed approved brass chromium-plated screwed down stop cocks
- 538 Work description: Install / replace water pipes 15mm copper pipes
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is avoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.
- 539 Work description: Install water pipes 22mm copper pipes.
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is unavoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.

FIT/REPLACE ITEMS/ FURNITURE

- 562 Work description: Fit/Replace mirror.
Mirrors shall comply with the requirements of SABS Specification 1236, Class A. Unframed mirrors shall have polished edges (Bevelled edges are not permitted). Provide mirrors where shown or mentioned, size as specified in work list, side shall be rounded and polished edge silvered plate glass. Each mirror to be drilled four (4) times and countersunk screwed to plugs in wall with 38 mm long screws, fitted with domed chromium-plated cups. Provide at each fixing point a felt washer between wall and mirror or if specified on work list with mirror adhesive.
- 565 Work description: Fit toilet paper holder/dispenser.
provide with type specified on work list. Chromium-plated toilet roll holders or White powder coated toilet paper dispenser holding 2 or 3 rolls.

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO. SPECIFICATIONS PER ITEM.

- 566 Work description: Replace single 150mm x 150mm ceramic soap dish.
Remove existing cracked or damaged soap receptacles, including cement mortar.
Thoroughly clean out and wet hole. Provide and fit in cement mortar, a new approved white or colour glazed earthenware soap receptacle with tongued lip. Soap receptacles are to be thoroughly wetted in water prior to fixing, and neatly finished off with neat white cement grout. work description:
- 569 Work description: Fit towel rail
Provide chrome plated towel rail and brackets. Towel rail shall be 1m long and fix with fisher plugs and at least 35mm long countersunk self-tapping stainless steel screws.
- 570 Work description: Fit/Replace hat and coat hooks.
Provide and fix in the position indicated or directed, 100 x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails. Replace missing hooks with new hat and coat hooks to match existing type.

WINDOWS EXTERIOR

- 740 Work description: Replace front putty.
Replace all loose and cracked putty, clean frames and apply one coat steel primer to steel window frame. Apply new front putty to neat and straight finish.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: Mess room

CITY / TOWN: Paardeneiland

TENDER NO: BLE/52080

ASSET NO: 02BAD21C

WORK DESCRIPTION Maintenance to messroom

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

Measurements and or quantities do not include off cuts or waste all measurements of material is measure as nett fixed. Contractor to add his own % for off cuts and waste.

The contractor is responsible to check all the measurements and quantities before ordering any material. The measurement and quantities are only a guide for tender purposes.

Value Added Tax (VAT) shall be excluded in the schedule of rates and prices.

To be supplied by the Contractor: The Contractor shall provide all labour, material, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORK as per the attached work list and specification and as may be ordered by the Project Manager.

GENERAL: The Building will be occupied during renovations, The Project manager, contractor and manager of the TFR staff using the building will discuss and agree on site the maintenance plan for the building. The necessary move of furniture in the same room if necessary is included in all the items. All normal cleaning, preparations include sanding, stopping and washing of items to be painted as specified by the paint manufacturer is included in all the paint items. Where abnormal cleaning is required it will be specified as an additional item. All scaffolding and use of ladders up to 4.50m high interior and exterior if and as necessary is part of all the items. All work shall be done according to the attached specifications and shall comply with the National building regulations. Unless otherwise specified all materials must comply with SANS specifications.

Where no applicable SANS Specification exists the materials must be approved by the Transnet Freight Rail project manager.

All material shall be fitted, install or applied as specified by the manufacture. The contractor shall be liable for any damages caused by his or her staff to any Transnet Freight Rail property or equipment.

SAFETY: The contractor shall comply with the Occupational Health Safety Act, 1993 (Act 85 of 1993).

Page 1 of 6	SUB TOTAL PAGE 1	<input type="text"/>
TENDER NO: BLE/52080	ASSET NO: 02BAD21C	

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
CEILINGS					
3	Replace section of gypsum/nutec ceiling panel up to 1.20m X 3.00m to match existing ceiling finish	4	EA	<input type="text"/>	<input type="text"/>
5	Break out gypsum/nutec ceiling boards. leave brandering for re-use, remove all clout nails and remove all rubble from site. line up brandering where necessary, ready to fit new ceiling boards. (new ceiling boards not included in item)	27	M^2	<input type="text"/>	<input type="text"/>

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
6	Break out gypsum/nutec ceiling complete include brandering and remove all rubble (allow for register electrician to remove light fittings and make wires save for carpenter to remove ceiling)	39	M^2		
7	Install gypsum board 6.4mm ceiling. include brandering, include H profile strips	27	M^2		
8	Install new high gloss PVC ceiling as per specifications	12	M^2		
37	Prepare ceiling surface for painting. wash rhino, nutec or concrete ceilings with sugar soap. fill all cracks and holes, sand existing ceiling paint to provide bonding for new paint. rinse ceiling with clean water to remove sugar soap and sanding dust.	90	M^2		
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	90	M^2		
WALLS INTERIOR					
53	Repair crack in wall 4 to 6 mm wide, open up crack with sharp object, fill crack with poly cell or similar filler and sand smooth (hairline cracks and cracks up to 4mm is included in the preparations for paint of wall item)	10	M		
58	Prepare walls for painting, wash smooth plaster walls with sugar soap, open cracks up to 4mm with sharp object, fill cracks and all holes, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove all sanding dust	206	M^2		
65	Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint. apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	206	M^2		
74	Chip 80% of wall area to be tiled and apply key coat to wall before laying ceramic tiles. key coat shall be apply according the manufacturer specification on container	121	M^2		
77	Remove glazed wall tiles complete from plaster or brick wall. remove all adhesive.	37	M^2		
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	121	M^2		
101	Teeth out every second layer of bricks to allow for the joining of a new 100mm wall to existing brick wall. for 110mm single wall measure 1 x length and 2 x length for 220mm wall. too things 114mm deep. item includes the re-plastering of the toothed areas	12	M		
109	Build 110mm stock brick wall with approved clay bricks, item includes brick force every 4 layers. (mix for building 1 part cement and 4 parts approved building sand) (read attached detailed specification)	12	M^2		
115	Plaster interior wall +/- 15mm thick one coat smooth finish plaster. item does not include soffits and reveals, see Item for soffits and reveals (mix for plaster 1 part cement and 5 parts approved plaster sand) (read all attached detailed specifications)	24	M^2		
WINDOWS INTERIOR					
158	Paint window sill: item includes, wash, sand, rinse with clean water and paint of previously painted window sill with 2 coats grey floor/stoep paint.	36	M		
WINDOWS INT AND EXT					

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
196	Replace cracked or broken obscure window panes, size 450mm x 350mm x 3mm. clean frame of dirt and rust. apply 1 coat anti rust paint. see attached detailed specification. place sheet on floor and in garden as necessary to catch all broken glass	40	EA		
205	Paint residential large pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux water-base pearlgl Woodmoss code -3f1-5. item includes removing all old paint from glass area and cleaning of glass. see detailed specifications.	36	M^2		
DOORS/SECURITY GATES					
245	Replace indicator locking bolt on door complete. (specify type)	5	EA		
270	Fit night latch to new or existing door. use only sabs approved lock. sabs mark shall be stamped on lock. see attached detailed specifications	3	EA		
287	Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearlgl river rock code 6j1-7. Do preparation before painting per spec. Door 810mmx2.03m=3.66m ² . 75mmx2.03m=3.42m ² . Item include remove before paint and refit of handles	11	EA		
304	Manufacture and install security gate 3.00 m x 900 mm. with side panels samwe as existing attached detailed specifications.	2	EA		
DOORFRAMES					
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearlgl lockness code-3f1-5. single steel frame. 115mm=1.150m ² . single 230mm=1.750m ² . double 1511mm x 115mm=1.29 m ² . double 1511mm x 230mm=1.96 m ² . Do preparation as per specification	11	EA		
330	Paint door frame with fan light. undercoat and 2 coats Dulux pearlgl lockness code-3f1-5. item includes the paint of fan light window. single frame. 115mm=1.85m ² . 230mm=2.50m ² . double frame 1511mmx115mm =2.1 m ² . 230mm=3.00 m ² . preparation included	4	M^2		
FLOORS					
335	Repair crack 10 to 20mm wide in concrete floor with Abe duragrout p product as per attached specifications	5	M		
365	Chip 80 % of concrete floor area. supply and apply Tylon or tal key coat to floor for ceramic tiles (please read the manufacture specifications on container on how to mix and apply the key coat)	121	M^2		
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB11 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting Read specifications	121	M^2		
405	Build shower floor wall, 2 bricks high. form concrete shower floor 1.0m x 1.0m. in side shower cubicles, floor shall have fall towards outlet. make sure to leave space for ceramic floor tiles and adhesive to be level with top of outlet grid.	11	EA		
406	Tile shower floor with 50mm x 50mm dark grey mosaic tiles. tile shall have fall towards outlet. top of tiles shall be level with the top of outlet trap grid. fit 2 rows of mosaic tiles as skirting. mix grout with Tylon Tal bond it, not water	4	M^2		
STAIRS INTERIOR					
419	Repair locker stands	26	M^2		
CUPBOARDS / TABLE					

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
442	Do preparations as specified, supply paint and paint build in cupboard, paint doors complete both sides, paint frame only on outside. Apply 1 coat Plascon or Dulux universal under coat and 2 coat Plascon veiva glo or Dulux pearl glo. Colour: ??????????????	1	EA		
445	Remove sink cupboard wood / steel complete for scrap. **remove sink with care from cupboard for re-use	1	EA		
447	Fit 1.20m sink cabinet manufactured from melamine supa wood with post form top. cut top for drop inn sink. supply cupboard with 3 doors, shelf, standard 2 screw handles and hinges. apply silicone between sink and top. item does not include sink	1	EA		
PLUMBING INTERIOR					
462	Remove hand wash basin complete with brackets and waste pipe. item include the repair of all holes in wall. item does not include the water pipes. see item to remove water pipes per job as necessary.	1	EA		
465	Install approved type porcelain wash hand basin, 2 cobra heavy pattern pillar taps with star handle, 2 braided flex connectors, chrome plated brass outlet, chain, plug and rubber trap (install basin 800mm high from floor to front top edge of basin)	3	JOB		
467	Break out / remove urinal stainless steel / porcelain	1	EA		
474	Install/replace large type porcelain bowl urinal with grate outlet plastic white bottle trap complete (install urinal 650mm from floor level to front top edge of urinal)	2	EA		
489	Remove toilet pan and cistern complete, item do not include pipes	5	EA		
491	Fit toilet complete include wc pan, cistern 11l, angle valve, flex connector and heavy duty plastic seat	5	EA		
497	Install shower outlet. fit brass p trap with chrome plated outlet and PVC waste pipe complete to outside of building include all necessary fittings	4	EA		
499	Install heavy pattern Cobra under tile shower tap with star handle (item does not include pipe work and water point. see item for pipes and to provide water point)	8	EA		
501	Fit shower rose with swivel type complete with cobra brass chrome plated extension pipe with cover plate	4	EA		
505	Install Kal/Wespeco or approved sliding glass and aluminium shower door with obscure/frosted glass. silicone sealer shall be applied between tiles and aluminium frame before fitting frame and not after frame has been fixed.	4	EA		
513	Fit sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe.	2	EA		
515	Remove stainless steel sinks with wood cabinets and steel waste pipes complete for scrap	1	JOB		
517	Replace double bowl sink item exclude cabinet, fit 1800mm long x 530mm wide double bowl **overlay**drop in** stainless steel sink, complete with chrome plated brass outlet with plug. (read attached detail specifications)	1	EA		
518	Replace stopcock/ballo stop 15 mm with cobra brand chrome plated brass stopcock	1	EA		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO	FAULT DISCIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
538	Install water pipes 15mm class 2 copper pipes against wall and or in wall and or in roof, item exclude fittings, item to supply water point cover the fittings. (pipes in wall, all the pipe work shall be inspected before closing of pipes with plaster).	20	M		
539	Install water pipes 22mm class 2 copper pipes in wall and or in roof, item excludes fittings, item to supply water point cover the fittings. (pipes in wall, all the pipe work shall be inspected before closing of pipes with plaster).	10	M		
FIT/REPLACE ITEMS/ FURNITURE					
562	Fit mirror 350mm x 450mm fix with two sided tape and mirror adhesive	2	EA		
565	Fit TR2 Kimberley Clark white lockable toilet paper dispenser type: holding 2 or 3 rolls	5	EA		
566	Break out broken porcelain soap dish, supply new porcelain soap dish and install complete in position with ceramic tile adhesive and finish joints with grout to match tiles. (for shower fit 1250mm height from shower floor)	4	EA		
569	Fit towel rail	2	EA		
570	Fit or replace hat and coat hooks, use only heavy duty chrome plated type that is approved by project manager	4	EA		
WINDOWS EXTERIOR					
740	Remove loose and cracked front putly, clean steel of all dirt and rust and paint glazing bars with Dulux or Plascon steel anti rust primer. replace front putly to neat and straight finish.	36	M^2		

"PREVIEW COPY ONLY"

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD21C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 6 R

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

Cost for the risk and saftey must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and Implemented.

RISK AND SAFETY R

Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE A

ASSET DESCRIPTION: messroom

ASSET LOCATION: Paardeneiland marshalling yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance and repairs to mess-room.

TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 6 Work description: Break out ceiling boards include brandering
Break out ceiling boards with brandering, care shall be take not to damage tie beams.
Remove all rubble from site
- 8 Work description: Fit Nutex ceiling complete, exclude brandering.
The ceiling board must always be fixed with the length of the board at right angles to the brandering. Boards shall be secured at 150mm centres with 38mm galvanized clout-headed nails. The nails shall be driven into the board with the nail head flush with the board. Board shall be joint with H- profile steel jointing strips. Boards can also be fix with chip board screws spaced as with clout nails.
- 37 Work description: Prepare ceiling area for painting.
Wash ceiling thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of ceilings shall include the driving in of all proud standing nails at rhino or Nutec ceilings or opening of all fine cracks with a sharp object, the filling of cracks and all small holes in ceiling with an appropriate filler. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface, removing all loose particles and dust ensuring that the surface is sound. Sand existing paint on ceilings to provide bond for new paint. After sanding, wipe ceiling thoroughly with clean damp cloth to remove sanding dust. Let ceiling dry completely before any paint is applied. No sweeping or dusting shall be done after the ceiling has been prepared for painting or while painting is in progress or while paint is still wet.
- 42 Work description: Paint ceiling complete with 2 coat super acrylic PVA.
Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

- 53 Work description: Repair crack in wall 3 TO 5 mm wide.
Clean crack with sharp object and fill with 2 or 3 layers of Poly cell mend all or similar filler and finish smooth and level with wall.

Respondent's signature: _____ **Date:** ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 58 Work description: Prepare smooth plaster walls for painting.
Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. Preparation of walls shall include opening all fine cracks with sharp object, the filling of cracks and all holes in wall with the appropriate filler or patching plaster, depending on the size of the cracks or holes. The areas under repair must be sanded down to a smooth, even finish. Brush down the surface removing all loose particles and dust ensuring that the surface is sound. Sand paint on walls to provide bond for new paint. Rinse wall thoroughly with clean water. Let wall dry completely before any paint is applied. No sweeping or dusting shall be done after the wall had been prepare for painting, while painting is in progress or while paint is still wet.
- 64 Work description: Paint walls smooth plaster 1 coat UNIVERSAL UNDERCOAT.
All paint work shall be done according to the specifications of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 65 Work description: Paint smooth plaster walls, 2 coats silk paint.
All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 74 Work description: Chip 80% of wall and provide key coat on wall for ceramic tiles
Apply Tylon Key it or Tal primer and keying agent to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply Tylon Key it or Tal keying agent as specified by the manufacturer.
BEFORE ANY TILING MAY COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE.
- 77 Work description: Remove glazed wall tiles.
Remove old tiles completely with all adhesive and clean surfaces thoroughly, ready for new tiles.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 79 Work description: Lay glazed wall tiles.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.
 Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.
- 80 Work description: Lay ceramic wall tiles
 See previous item on wall tiling for specifications

WINDOWS INTERIOR

- 158 Work description: Paint windowsill.
 Remove all polish with turps or thinners and sand window sill completely, clean sill with damp cloth to remove all sanding dust. Apply two coats of Plascon, Dulux gloss floor or Stoep paint for previously painted sills and two coats stone dressing to un-painted quarry tile window sills.

WINDOWS INT AND EXT

- 188 Work description: Replace cracked/broken windowpanes (clear)
 See first item for replacing glass for specification on item
- 191 Work description: Fit window panes clear to new frame
 Remove broken windowpane, clean frame from all rust and dirt. Clean frame from all rust and dirt. Paint frame with anti rust metal primer. Fixing of glass shall comply with part N of section 3 of SABS 0400 The glass for glazing shall comply with (cks 55). The thickness of panes related to its area shall be in accordance with (SABS 0137). Glazing putty shall comply with (SABS 680). Back putty shall not exceed 3mm. Glazing shall be executed in accordance with (SABS 0137). Front putty must be straight and in line with the top of the frame profile. Glass panes shall have adequate clearance between the edges of glass and the rebates as no glass to metal/wood contact at any point will be permitted.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 205 Work description: Paint window frame complete.
Clean window frame from rust and dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats water-base Dulux Pearl glo. After painting window-openings, sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible for any lost window fittings.
- 206 Work description: Paint window frame complete.
Clean window frame from dirt by scraping or by means of steel wire brush. Sand frame complete and wipe off all sanding dust to obtain a perfectly clean surface. Prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats water-base Dulux Pearl glo. After painting, window-opening sections shall open and close easily. All Window handles, peg stays and sliding stays shall be removed to paint window The Window handles, peg stays and sliding stays shall be removed, cleaned and re-fitted. Contractor shall be responsible for any lost window fittings
- | | |
|---------------|---------|
| 1.27m x 1.43m | 15 each |
| 0.53 x 0.46 | 3 each |
| 1.27m x 1.43m | 7 each |
| 0.98 x 0.36m | 1 each. |
| 0.67m x 0.97m | 1 each |
| 0.98m x 0.94m | 1 each |
| 0.97m x 1.40m | 1 each |
| 0.67m x 0.98m | 1 each |
| 2.40m x 0.72m | 1 each. |

DOORS/SECURITY GATES

- 246 Work description: Fit indicator locking bolt to new door
Fit indicator locking bolt, type as specify on work list. Screws for fixing of barrel bolts shall be of matching metal and finish
- 287 Work description: Paint door complete, 2 coats.
Previously painted doors: Wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Remove handle, Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal undercoat and two coat finishing paint as per work list. Let dry re fit handles. New doors to be painted: Remove lock and handles. Sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply one coat wood primer, one coat universal undercoat and two coats finishing paint as per work list. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.
- 288 Work description: Varnish door complete, 2 coats.
Previously varnished doors: Remove handles, wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish on varnished doors. Re-fit door handles
New doors to be varnished: Remove lock and door handles, Fill all defective places with suitable wood filer, sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply. Apply three coats varnish on doors. Allow varnish to dry between coats. Re-fit lock and handles.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

DOORFRAMES

- 329 Work description: Paint frame complete 2 coats.
Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow to dry and apply one coat universal and two coat finishing paint as per work list. Previously painted steel doorframes: Clean door frame from all rust and dirt by means of scraping, steel wire brush or sanding. Sand frame complete and wipe off all sanding dust with damp cloth. Allow to dry. Spot prime all exposed metal surfaces with an approved metal primer. Apply one coat universal undercoat and two coats finishing paint as per work list. New wooden door frames to be painted/varnished: Sand smooth, wipe sanding dust off with damp cloth, allow to dry and apply one coat wood primer, one coat universal undercoat and two finishing coats as per work list. As allow paint to dry between coats.

FLOORS

- 359 Work description: Lay floor carpets Berber point
The laying of textile floor covering shall be in accordance with SABS 0186. The laying of carpets shall include all preparatory work to screed surfaces, priming and adhesives in accordance with the relevant manufacturer's instructions. Where skirting and quadrants are fixed the quadrants must be removed and the carpets laid against skirting, the quadrants must be re-fixed at their original place with new 32mm panel pins where no skirting or quadrants are fixed the carpets must be laid against the wall. After the carpets had been laid there must be no air bubbles and the cutting at doorframes must be neat. Where necessary doors must be cut at the bottom to have a clearance of 6mm. Glue marks on carpet tiles shall not be cleaned, tiles shall be replace.
- 365 Work description: Chip 80% and provide key coat on floor for ceramic tiles.
Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer and keying agent for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat)

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 366 Work description: Lay first grade ceramic tiles on floor.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS.***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

PLUMBING INTERIOR

- 462 Work description: Remove wash hand basin, complete.
- 465 Work description: Install/replace wash hand basin, 2 taps, connector, outlet and rubber trap. Wash hand basins white porcelain/glazed ceramic and shall comply with (SABS 497). Pillar taps shall be chromium plated brass and of heavy pattern Cobra brand and shall comply with (SABS 226). Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Taps for cold water with green/blue plastic inserts on the right hand side. Waste outlet shall be chromium plated brass with plug, chain and of Cobra brand and shall comply with (SABS 226). Rubber trap shall comply with (SABS 1321). Installation of basin, taps, waste outlet and trap shall be done in accordance with the relevant manufacturer's instructions. Basin shall be fixed with silicone layer between basin and wall. Basin shall be level and shall be 800mm from finished floor level to top front section of basin if no pedestal basin is specified.
- 489 Work description: Toilet pan and cistern remove complete

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 491 Work description: Fit toilet complete include WC pan, cistern 11l, angle valve, flex connector and toilet seat
Pedestal water closet pans shall be of the wash down type, approximately 400 mm high, of white glazed fireclay or vitreous china, complying with the requirements of SABS Specification 497. The pans shall have "P" traps with straight outlets or right or left hand side outlets, as required. Pans shall be bedded onto the floors in 3:1 cement mortar. Pan shall be level and in parallel with wall next to Pan, Installation of the cistern shall be done in accordance with the relevant manufacturer's instructions. Use approved porcelain low level cistern that complying with the requirements of SABS Specification 821, and complying with the requirements of SABS Specification 497. Low level cisterns shall be of the valve less siphon type or of the flushing valve type, each with body and removable cover – NB: Flush pipes to flushing cisterns shall have an internal diameter of not less than 34 mm. Install Cobra brand angle valve with chrome plated or braided flex connector, any other brand make shall first be approved by project manager. The pan shall be fitted with approved solid plastic double flap seats having closed fronts of size and shape required to fit the pan each attached to pan with non-ferrous metal fixing bolts or plastic bolts.

FIT/REPLACE ITEMS/ FURNITURE

- 562 Work description: Fit/Replace mirror.
Mirrors shall comply with the requirements of SABS Specification 1236, Class A. Unframed mirrors shall have polished edges (Bevelled edges are not permitted). Provide mirrors where shown or mentioned, size as specified in work list, side shall be rounded and polished edge silvered plate glass. Each mirror to be drilled four (4) times and countersunk screwed to plugs in wall with 38 mm long screws, fitted with domed chromium-plated cups. Provide at each fixing point a felt washer between wall and mirror or if specified on work list with mirror adhesive.
- 565 Work description: Fit/Replace toilet paper holder/dispenser.
Replace/provide with type specified on work list. Chromium-plated toilet roll holders or White powder coated toilet paper dispenser holding 2 or 3 rolls.
- 566 Work description: Replace single 150mm x 150mm ceramic soap dish.
Remove existing cracked or damaged soap receptacles, including cement mortar. Thoroughly clean out and wet hole. Provide and fit in cement mortar, a new approved white or colour glazed earthenware soap receptacle with tongued lip. Soap receptacles are to be thoroughly wetted in water prior to fixing, and neatly finished off with neat white cement grout.
- 569 Work description: Fit/Replace towel rail
Provide chrome plated towel rail and brackets. Towel rail shall be 1m long and fix with fisher plugs and at least 35mm long countersunk self-tapping screws. REFIX TOWEL RAILS: Remove loose towel rails from wall. Drill out the existing wall plugs and replace with new patent plastic or hardwood wall plugs. Refit towel rails with 38mm long chromium-plated round-headed screws, securely screwed to plugs in wall.
- 570 Work description: Fit/Replace hat and coat hooks.
Provide and fix in the position indicated or directed, 100 x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails. Replace missing hooks with new hat and coat hooks to match existing type.
- 572 Work description: Fit sign to indicate woman or men toilet

ROOF

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 630 Work description: Paint roof.
The Project manager must first approve roof after cleaning, before the first coat is applied and must first approve the first coat before the second coat can be applied. Roof shall be 100% clean before the roof paint is applied. All the rusted areas shall be spot primed, and the primer shall be dry before the first coat of Dulux roof guard or Plascon roof paint is applied. The roof paint shall be applied by brush, the use of roller or broom is not permitted. The paint shall be applied according to the manufacturer's specifications and over coat times.
EVEN IF THE PROJECT MANAGER DID APPROVE THE ROOF TO BE PAINTED AFTER THE ROOF HAD BEEN CLEANED, THE CONTRACTOR WILL STILL BE RESPONSIBLE IF THE PAINT PEEL DURING THE RETENTION OR GUARANTEE PERIOD, AS THE CONTRACTOR SHALL PREPARE WORK AND APPLY THE PAINT ACCORDING TO THE MANUFACTURE'S SPECIFICATIONS.
- 639 Work description: Paint expose roof timber purlin.
Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.
- 640 Work description: Paint expose roof timber sprockets.
Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.

WALLS EXTERIOR

- 728 Work description: Paint plaster wood float finish.
All paint work shall be done to the specification of the manufacturer. Over coating time shall be allowed as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors and the like, must be covered up and protected against spotting before any painting commences. No sweeping or dusting shall be allowed while painting is in progress or while paint is still wet. All items that are more cost effective to removed from wall and to re-fixed, must be removed to avoid cutting in against items, such as notice boards and other items. Dry film thickness to be 90µm per coat.

WINDOWS EXTERIOR

- 740 Work description: Replace front putty.
Replace all loose and cracked putty, clean frames and apply one coat steel primer to steel window frame. Apply new front putty to neat and straight finish.
- 747 Work description: Paint window sills.
Remove all loose and defective paint, remove all polish with turps or thinners. Sand windowsills completely, wipe sill clean with damp cloth to remove all sanding dust. Apply two coats Plascon or Dulux floor/stoep paint.
- 752 Work description: Paint window exterior only. Area with window close only
Sand frame area to be painted and wipe clean with damp cloth. Spot prime bare metal areas with metal primer and apply one coat universal undercoat and one coat Dulux Pearlgo to frame. Cutting in against wall and glass area shall be straight and neat.

CONCRETE SLABS/PAVING

- 851 Work description: Supply re-enforcing mesh 100mm x 100mm and place in position
All welded steel fabric reinforcement shall comply with the requirements of SABS

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO. SPECIFICATIONS PER ITEM.

- 856 Work description: Provide concrete slab 150mm thick, 25 MPA
Excavate or fill, level and grade the ground as required around the building. Form aprons with Class Concrete, 80mm thick, with outer edge thickened down to 150mm for a width of 150mm, laid in panels not exceeding 1,8m long and 1m wide and finished off with a wooden float to an even surface before the concrete has set. The panels are to be separated from each other and from adjoining walls by the insertion of 12mm thick soft board, to form expansion joints. Once the concrete has set the soft board dividing strips are to be completely removed and the joints thus formed are to be filled in with approved bitumen to within 12mm of the finished surface. The top corners of all panels are to be neatly rounded with a nosing tool while the concrete is still green. CURING OF CONCRETE: After the concrete has been placed, all exposed surfaces shall be kept continuously damp for at least 10 days by methods as may be approved by the Representative/Agent, such as covering with approved building paper, or by means of wet canvas, wet sacks, wet sand, by continuous hosing or ponding with water.

“PREVIEW COPY ONLY”

Respondent's signature: _____ Date: ____/____/____

ANNEXURE B

TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: messroom

CITY / TOWN: Paardeneiland

TENDER NO: BLE/52080

ASSET NO: 02BAD27C

WORK DESCRIPTION Maintenance and repairs to mess-room.

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

Measurements and or quantities do not include off cuts or waste all measurements of material is measure as nett fixed. Contractor to add his own % for off cuts and waste.

The contractor is responsible to check all the measurements and quantities before ordering any material. The measurement and quantities are only a guide for tender purposes.

Value Added Tax (VAT) shall be excluded in the schedule of rates and prices.

To be supplied by the Contractor: The Contractor shall provide all labour, material, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORK as per the attached work list and specification and as may be ordered by the Project Manager.

GENERAL: The Building will be occupied during renovations, The Project manager, contractor and manager of the TFR staff using the building will discuss and agree on site the maintenance plan for the building. The necessary move of furniture in the same room if necessary is included in all the items. All normal cleaning, preparations include sanding, stopping and washing of items to be painted as specified by the paint manufacturer is included in all the paint items. Where abnormal cleaning is required it will be specified as an additional item. All scaffolding and use of ladders up to 4.50m high interior and exterior if and as necessary is part of all the items. All work shall be done according to the attached specifications and shall comply with the National building regulations. Unless otherwise specified all materials must comply with SANS specifications.

Where no applicable SANS Specification exists the materials must be approved by the Transnet Freight Rail project manager.

All material shall be fitted, install or applied as specified by the manufacture.

The contractor shall be liable for any damages caused by his or her staff to any Transnet Freight Rail property or equipment.

SAFETY: The contractor shall comply with the Occupational Health Safety Act, 1993 (Act 85 of 1993).

Page 1 of 5		SUB TOTAL PAGE 1			
TENDER NO: BLE/52080		ASSET NO: 02BAD27C			
ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
CEILINGS					
6	Break out gypsum/nutec ceiling complete include brandering and remove all rubble (allow for register electrician to remove light fittings and make wires save for carpenter to remove ceiling)	44	M^2		
8	Install nutec 4mm board ceiling exclude brandering include h profile strips	44	M^2		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
37	Prepare ceiling surface for painting. wash rhino, nutec or concrete ceilings with sugar soap. fill all cracks and holes, sand existing ceiling paint to provide bonding for new paint. rinse ceiling with clean water to remove sugar soap and sanding dust.	114	M ²		
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	114	M ²		
WALLS INTERIOR					
53	Repair crack in wall 4 to 6 mm wide, open up crack with sharp object, fill crack with poly cell or similar filler and sand smooth (hairline cracks and cracks up to 4mm is included in the preparations for paint of wall item)	10	M		
58	Prepare walls for painting, wash smooth plaster walls with sugar soap, open cracks up to 4mm with sharp object, fill cracks and all holes, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove all sanding dust	248	M ²		
64	Paint wall 1 coat universal undercoat (use item to change paint finish from gloss/egg shell enamel to water based paint). apply paint only after preparation as per attached specification.	248	M ²		
65	Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint. apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	248	M ²		
74	Chip 80% of wall area to be tiled and apply key coat to wall before laying ceramic tiles. key coat shall be apply according the manufacturer specification on container	71	M ²		
77	Remove glazed wall tiles complete from plaster or brick wall, remove all adhesive.	16	M ²		
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	71	M ²		
80	Lay 1st grade ceramic glazed wall tiles (as per sample) use 3mm spacers. item include walls, reveals, soffits, sills and top of shower walls. use white grout. use only Tylon wb11 adhesive or approved by project manager adhesive	60	M ²		
WINDOWS INTERIOR					
158	Paint window sill: item includes, wash, sand, rinse with clean water and paint or previously painted window sill with 2 coats grey floor/steep paint.	25	EA		
WINDOWS INT AND EXT					
188	Replace cracked or broken window panes clear, size up to ??? mm x ???mm x ?mm thick per attached specification. area 0.00 up to 0.75 use 3mm thick glass. place sheet on floor and garden to catch all broken glass	40	M ²		
191	Fit window panes clear to new window frame, size 350 mm x 450mm x 3mm thick as per attached specification. area up to 0.75m ² use 3mm, up to 1.50m ² use 4mm, up to 2.10m ² use 5mm, up to 3.2m ² 6mm	12	EA		
205	Paint residential large pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux water-base pearl glo lockness code -3I1-5. item includes removing all old paint from glass area and cleaning of glass. see detailed specifications.	68	M ²		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
206	Paint residential small pane type window frame complete, with 1 coat universal undercoat and 2 coats Dulux water-base pearlglo lockness code-311-5. item includes removing all old paint from glass area and cleaning of glass. see detailed specifications.	32	M^2		
DOORS/SECURITY GATES					
246	Fit indicator locking bolt to new door complete. (specify type)	3	EA		
287	Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearlglo river rock code 6j1-7. Do preparation before painting per spec. Door 810mmx2.03m=3.66m ² . 75mmx2.03m=3.42m ² . Item include remove before paint and refit of handles	50	M^2		
288	Varnish door complete both sides, side edges and top edge, 3 coats varnish. use exterior varnish on exterior side. door 810mmx2.03m= 3.66m ² . Door 750mmx2.03m= 3.42m ² . Do preparations as per attached specifications. Item include remove and re-fit of handle	10	M^2		
DOORFRAMES					
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearlglo lockness code-311-5. single steel frame. 115mm=1.150m ² . single 230mm=1.750m ² . double 1511mm x 115mm=1.29 m ² . double 1511mm x 230mm=1.96 m ² . Do preparation as per specification	6	M^2		
FLOORS					
359	Lay floor carpets Berber point 920 or van Dyck Florpoint 980, as per attached specifications. finish a= charcoal, finish b = Senegal, finish c = lava	57	M^2		
365	Chip 80 % of concrete floor area. supply and apply Tylon or tal key coat to floor for ceramic tiles (please read the manufacture specifications on container on how to mix and apply the key coat)	114	M^2		
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB11 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting Read specifications	114	M^2		
PLUMBING INTERIOR					
462	Remove hand wash basin complete with brackets and waste pipe. item include the repair of all holes in wall. item does not include the water pipes. see item to remove water pipes per job as necessary.	2	EA		
465	Install approved type porcelain wash hand basin, 2 cobra heavy pattern pillar taps with star handle, 2 braided flex connectors, chrome plated brass outlet, chain, plug and rubber trap (install basin 800mm high from floor to front top edge of basin)	2	JOB		
489	Remove toilet pan and cistern complete, item do not include pipes	3	EA		
491	Fit toilet complete include wc pan, cistern 11l, angle valve, flex connector and heavy duty plastic seat	3	EA		
FIT/REPLACE ITEMS/ FURNITURE					
562	Fit mirror 350mm x 450mm fix with two sided tape and mirror adhesive	2	EA		
565	Fit toilet paper holder white lockable paper dispenser type holding 2 or 3 rolls	3	EA		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
566	Break out broken porcelain soap dish, supply new porcelain soap dish and install complete in position with ceramic tile adhesive and finish joints with grout to match tiles. (for shower fit 1250mm height from shower floor)	3	EA		
569	Fit / replace towel rail	2	EA		
570	Fit or replace hat and coat hooks, use only heavy duty chrome plated type that is approved by project manager	4	EA		
572	Fit standard type plastic 200mm x 200m sign to door to indicate men and or woman toilet or ablution facilities.	2	EA		
ROOF					
630	Paint roof corr iron / IBR 2 coats, white Dulux roof guard or Plascon nu roof paint. area is length x width (area do not include roof sheet profile) over coat time 4 hours. roof must be inspected and approved in site book, before painting can commence	56	M ²		
639	Paint exposed roof timber purlin, paint 1 pink wood primer, 1 coat universal undercoat and 2 coats white Dulux roof guard paint. apply paint only after preparation as per attached specification	60	M ²		
640	Paint exposed roof timber sprockets, 1 coat universal undercoat and 2 coats white Dulux wall guard or Dulux roof guard. bare wood areas shall be spot primed with wood primer. apply paint only after preparation as per attached specification.	38	EA		
WALLS EXTERIOR					
728	Paint exterior plaster. Wood float finished walls with 2 coats Dulux wall guard paint or similar paint approved by project manager. Apply paint only after preparation as per attached specification has been done. colour: Dulux barely beige code 3HI-1	79	M ²		
WINDOWS EXTERIOR					
740	Remove loose and cracked front putty. clean steel of all dirt and rust and paint glazing bars with Dulux or Plascon steel anti rust primer. replace front putty to neat and straight finish.	15	M		
747	Paint previously painted window sills, any type. apply 2 coats stoep or floor paint. apply paint only after preparation as per attached specification has been done	27	M ²		
752	Area is with window closed. clean. sand and paint residential large pane window type 1 coat universal undercoat and 1 coat Dulux pearlig to lockness code - 3I1-5. item include removing all old paint from glass area and cleaning of glass.	30	M ²		
CONCRETE SLABS/PAVING					
851	Re-inforcing mesh 100mm x 100mm and place in position ready to cast new concrete slab	36	M ²		
856	Cast concrete slab 150mm thick, item include all preparation to area. concrete ready mix. concrete shall be 25mpa and have slump of 100mm, concrete to be cure for at lease 10 days. all work and material to comply with attached specification	36	M ²		

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD27C

ITEM NO	FAULT DISCRIPTION
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ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 5 R

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

Cost for the risk and safety must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented.

RISK AND SAFETY R

Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE A

ASSET DESCRIPTION: Shunters cabin

ASSET LOCATION: Paardeneiland marshalling yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance and repairs to shunters cabin.

TENDER NO: BLE/52080

ASSET NO: 02BAD69C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 42 Work description: Paint ceiling complete with 2 coat super acrylic PVA. Paint work to ceilings include the cover strips, cornices and the priming of nail heads or screws with universal undercoat for new ceiling sections. Apply two coats acrylic PVA. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet.

WALLS INTERIOR

- 65 Work description: Paint smooth plaster walls, 2 coats silk paint. All paint work shall be done to the specification of the manufacturer. Over coating shall be done as specified by the manufacturer. All surfaces not being painted, such as brickwork, sills, floors, joinery work and the like must be covered up and protected against spotting before any painting is commenced with. No sweeping or dusting shall be done while painting is in progress or while paint is still wet. All items that are more cost effective to remove from wall and to re-fix must be removed to avoid cutting in against items, such as notice boards, towel rails and other such items.
- 74 Work description: Chip 80% of wall and provide key coat on wall for ceramic tiles. Apply Tylon Key it or Tal primer and keying agent to smooth surfaces. Surface must be firm, free of dust, wax polish and organic growth. Painted and gypsum plastered surfaces need to be chipped to remove 80% of paint or gypsum. Apply Tylon Key it or Tal keying agent as specified by the manufacturer.
BEFORE ANY TILING MAY COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE.
- 77 Work description: Remove glazed wall tiles. Remove old tiles completely with all adhesive and clean surfaces thoroughly, ready for new tiles.

Respondent's signature: _____ **Date:** ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 79 Work description: Lay glazed wall tiles.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.

Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

DOORS/SECURITY GATES

- 244 Work description: Fit / replace door stop as specified in work list.
- 262 Work description: Replace 4 lever mortise lock with handles
 Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys.
- 288 Work description: Varnish door complete, 2 coats.
 Previously varnished doors: Remove handles, wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish on varnished doors. Re-fit door handles
 New doors to be varnished: Remove lock and door handles, Fill all defective places with suitable wood filler, sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply. Apply three coats varnish on doors. Allow varnish to dry between coats. Re-fit lock and handles.

FLOORS

- 345 Work description: Remove vinyl floor tiles and clean floor
 Remove tiles completely and remove all debris from site.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 346 Work description: Lay vinyl floor tiles.
All sub-floors are to be tested for moisture prior to installation and shall be fully cured and shall be approved by the Project manager. Clean floor thoroughly before any tiling commences. Use adhesive recommend by the tile manufacturer and apply in accordance with the adhesive manufacturer's instructions. Trowel to be v-notched, 1,5 x 1,5 x 1,5mm at 4mm centres. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Joints shall be straight and continuous. Cutting and fitting of tiles against walls and around doorframes must be neat with a gap of not more than 2mm. Spread adhesive, make sure not to leave any bare spots, pools or overlapping ridges. Make sure tiles are butted firmly, one against the other, with no gaps. Roll tiles with 68kg roller, ensuring a firmer grip to the sub-floor and to remove air bubbles. Clean floor tiles from adhesive and dirt. The work must be carried out by skilled workmen, experienced in laying these types of floor finishes.
- 396 Work description: Varnish wooden skirting, 2 coats.
Previously varnished skirting: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete skirting and use damp cloth to wipe off sanding dust. Allow to dry and apply two coats varnish. New skirting to be varnished: Sand smooth, use damp cloth to wipe off sanding dust. Allow to dry. Apply three coats varnish to skirting. Allow drying time between coats as per specification.

PLUMBING INTERIOR

- 457 Work description: Replace wash hand basin taps.
Pillar taps shall be chromium plated brass and of Cobra brand and shall comply with (SABS 226). Taps for hot water shall be marked with red coloured plastic insert and fixed on the left hand side of all basins, sinks, showers, etc. Taps for cold water with green/blue plastic inserts on the right hand side.
- 539 Work description: Embed water pipes 22mm copper pipes.
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is unavoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be logged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.

Respondent's signature: _____ Date: ____/____/____

ANNEXURE B

TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: Shunters cabin

CITY / TOWN: Paardeneiland

TENDER NO: BLE/52080

ASSET NO: 02BAD69C

WORK DESCRIPTION Maintenance and repairs to shunters cabin.

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

Measurements and or quantities do not include off cuts or waste all measurements of material is measure as nett fixed. Contractor to add his own % for off cuts and waste.

The contractor is responsible to check all the measurements and quantities before ordering any material. The measurement and quantities are only a guide for tender purposes.

Value Added Tax (VAT) shall be excluded in the schedule of rates and prices.

To be supplied by the Contractor: The Contractor shall provide all labour, material, transport, consumable stores, plant, equipment, tools, services, materials and ingredients of every description required for the carrying out and completion of the WORK as per the attached work list and specification and as may be ordered by the Project Manager.

GENERAL: The Building will be occupied during renovations, The Project manager, contractor and manager of the TFR staff using the building will discuss and agree on site the maintenance plan for the building. The necessary move of furniture in the same room if necessary is included in all the items. All normal cleaning, preparations include sanding, stopping and washing of items to be painted as specified by the paint manufacturer is included in all the paint items. Where abnormal cleaning is required it will be specified as an additional item. All scaffolding and use of ladders up to 4.50m high interior and exterior if and as necessary is part of all the items. All work shall be done according to the attached specifications and shall comply with the National building regulations. Unless otherwise specified all materials must comply with SANS specifications.

Where no applicable SANS Specification exists the materials must be approved by the Transnet Freight Rail project manager.

All material shall be fitted, install or applied as specified by the manufacture.

The contractor shall be liable for any damages caused by his or her staff to any Transnet Freight Rail property or equipment.

SAFETY: The contractor shall comply with the Occupational Health Safety Act, 1993 (Act 85 of 1993).

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SUB TOTAL PAGE 1

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TENDER NO: BLE/52080

ASSET NO: 02BAD69C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
CEILINGS					
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	39	M^2		
WALLS INTERIOR					
65	Paint smooth plaster walls 2 coats Dulux wash 'n wear or Plascon double velvet silk finish paint. apply paint only after preparation as per attached specification. colour: barely beige code 3h1-1	74	M^2		

Respondent's signature: _____ Date: ____/____/____

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TENDER NO: BLE/52080

ASSET NO: 02BAD69C

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
74	Chip 80% of wall area to be tiled and apply key coat to wall before laying ceramic tiles. key coat shall be apply according the manufacturer specification on container	50	M^2		
77	Remove glazed wall tiles complete from plaster or brick wall. remove all adhesive.	35	M^2		
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	48	M^2		
DOORS/SECURITY GATES					
244	Door stop fit or replace spring type	2	EA		
262	Replace mortice lock with sabs approved 4 lever mortice lock with 3 keys. if more than 1 lock to be replaced keys shall not be interchangeable. sabs mark shall be on lock.	6	EA		
288	Varnish door complete both sides, side edges and top edge, 3 coats varnish. use exterior varnish on exterior side. door 810mmx2.03m= 3.66m2. Door 750mmx2.03m= 3.42m2. Do preparations as per attached specifications. Item include remove and re-fit of handle	6	M^2		
FLOORS					
345	Remove vinyl floor tiles complete and clean floor from all adhesive	35	M^2		
346	Lay Marley flex vinyl floor tiles or approved similar tiles from other manufacturer. thickness 2,0mm. size 300mm x 300mm. use adhesive specified by manufacture (specify colour)	35	M^2		
396	Varnish skirting and quarter rounds, complete, 2 coats Dulux or Plascon varnish. 75mm skirting x 1.0m = 0.075 m2. 150mm skirting x 1.0m = 0.150 m2. varnish only after preparation as per attached specification.	24	M^2		
PLUMBING INTERIOR					
457	Replace wash hand basin tap with cobra heavy pattern star handle pillar tap	2	EA		
539	Embed water pipes 22mm class 2 copper pipes against wall and or in wall and or in roof. item excludes fittings, item to supply water point cover the fittings. (pipes in wall, all the pipe work shall be inspected before closing of pipes with plaster).	10	M		

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02BAD69C

ITEM NO	FAULT DISCRIPTION
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ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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TOTAL PAGE 1 TO PAGE 3 R

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

Cost for the risk and safety must include the risk assessment. The risk assesment is a full identification of the risks before the work starts and the necessary equipment, appropriate precautions and systems of work that must be provided and implemented.

RISK AND SAFETY R

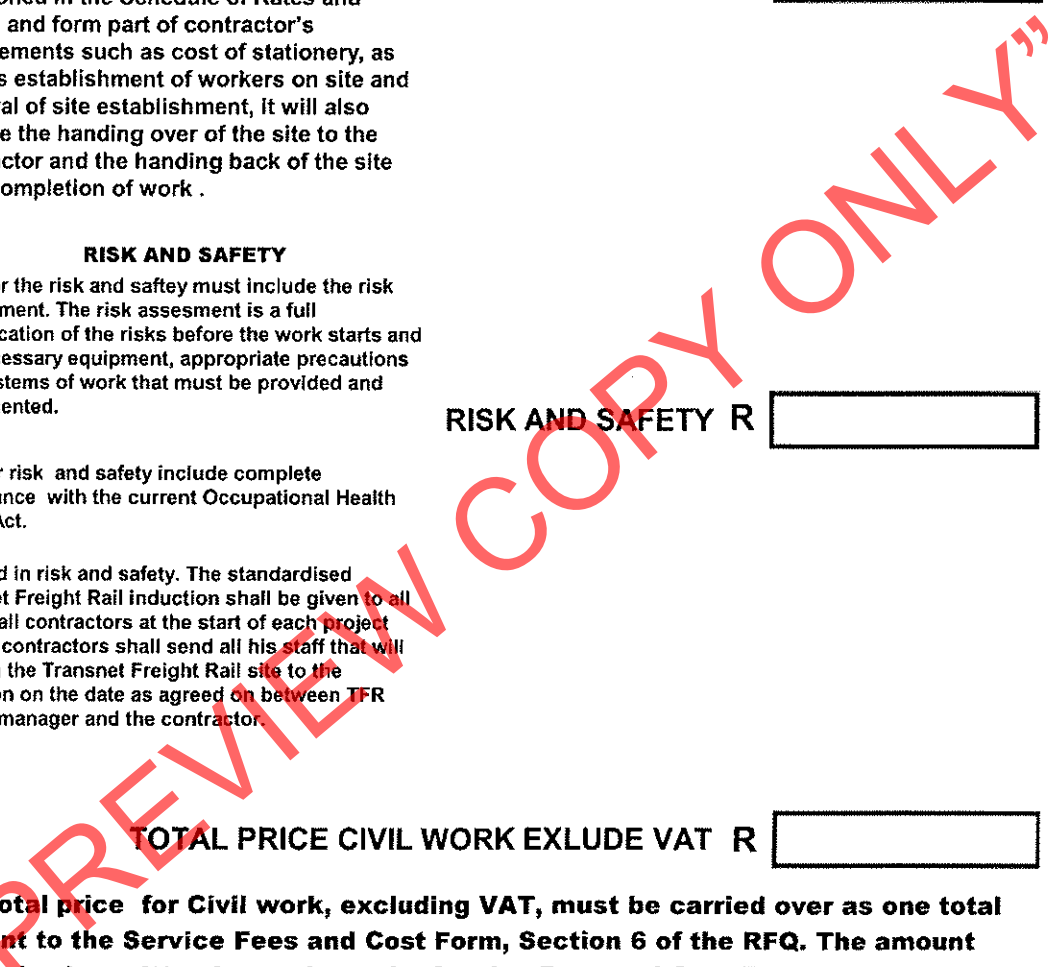
Cost for risk and safety include complete compliance with the current Occupational Health Safety Act.

Included in risk and safety. The standardised Transnet Freight Rail induction shall be given to all staff of all contractors at the start of each project and the contractors shall send all his staff that will work on the Transnet Freight Rail site to the induction on the date as agreed on between TFR Project manager and the contractor.

TOTAL PRICE CIVIL WORK EXLUDE VAT R

The total price for Civil work, excluding VAT, must be carried over as one total amount to the Service Fees and Cost Form, Section 6 of the RFQ. The amount must also be written in words on the Service Fees and Cost Form.

Respondent's signature: _____ Date: ____/____/____



ANNEXURE A

ASSET DESCRIPTION: Showers

ASSET LOCATION: Marshalling yard

CITY / TOWN: Paardeneiland

WORK DESCRIPTION: Maintenance to showers.

TENDER NO: BLE/52080

ASSET NO: 02NAD01C

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 8 Work description: Fit PVC ceiling includes brandering
The ceiling board must always be fixed with the length of the board at right angles to the brandering. The brandering shall be secured at 400mm with hammer nails. Boards shall be secured at 150mm centres with Boards can also be fix with chip board screws spaced as with clout nails.

WALLS INTERIOR

- 79 Work description: Lay glazed wall tiles.
*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.

Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around doorframes, etc must be neat, with a gap between 2 and 5 mm. Tiling is to be returned into reveals of openings, onto window sills, and onto top of screen walls, etc. Do not stack tiles outside, exposed to dust, dirt and rain. Store under cover and not in direct contact with soil. Use only approved cement based tile adhesive. Follow adhesive manufacturer's instructions. Use notched trowel to apply adhesive 6mm X 6mm notches at 6mm intervals. The BLOB and SPOT method must not be used. Joint widths shall be 3mm. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout. Mix grout with Tylon or Tal Bond-it in shower areas. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

- 109 Work description: Build 110mm Common Brick wall.
Supply approved cement or clay bricks. Clay brick shall comply with SABS 227 and cement bricks shall comply with SABS 1215. The mortar for wall shall be 1 part PPC cement and 4 parts clean approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers of brick. Bricks of different composition are not to be mixed and build into the same wall.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

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

FLOORS

- 365 Work description: Chip 80% and provide key coat on floor for ceramic tiles.
 Chip floor to 80%. Before tiling, clean floor, apply Tylon (Tylon key it mixed with Tylon plaskey) or Tal primer and keying agent for use on smooth surfaces. Mix and apply primer and keying agent as per the manufacture specifications on container on how to mix and apply the key coat)
- 366 Work description: Lay first grade ceramic tiles on floor.
 *BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS.***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond-it in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 405 Work description: Form floor in shower cubicle.
Lay the surface bed in shower cubicles with Class C-concrete, 100mm thick, at the required levels and with falls towards outlet in floor. Form a raised kerb across opening to each cubicle, 75mm wide and 75mm above finished surface of floor.
- 406 Work description: Lay ceramic floor tiles on shower floor.
Grout for shower floor tiles shall be mixed with Tylon or Tal bond it, not with water. Ceramic mosaic is to be of approved manufacturer and colour as specified. Tile size approximately 50 x 50 x 4 mm thick, fixed to paper in squares about 316 x 316 mm or 330 x 330 mm. Bed to 3:1 cement screed. Finish to a lightly scratched surface in mortar, composed of 1 part white cement to 3 parts of marble dust. After setting, remove paper and flush-up joints with waterproof grout.
TILE SHALL HAVE FALL TOWARDS OUTLET. TOP OF TILE SHALL BE LEVEL WITH TOP OF TRAP GRID. TILES SHALL BE IN STRAIGHT LINES. NO PONDING OF WATER SHALL BE ALLOWED.

PLUMBING INTERIOR

- 465 Work description: Install/replace wash hand basin, 2 taps, connector, outlet and rubber trap. Wash hand basins white porcelain/glazed ceramic and shall comply with (SABS 497). Pillar taps shall be chromium plated brass and of heavy pattern Cobra brand and shall comply with (SABS 226). Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Taps for cold water with green/blue plastic inserts on the right hand side. Waste outlet shall be chromium plated brass with plug, chain and of Cobra brand and shall comply with (SABS 226). Rubber trap shall comply with (SABS 1321). Installation of basin, taps, waste outlet and trap shall be done in accordance with the relevant manufacturer's instructions. Basin shall be fixed with silicone layer between basin and wall. Basin shall be level and shall be 800mm from finished floor level to top front section of basin if no pedestal basin is specified.
- 505 Work description: Supply and fit shower door, sliding.
Supply and install pivot shower door from Kal Aluminium or Wespeco or type approved by project manager. Install according to the manufacture's specifications.
- 520 Work description: Install under tile stop taps.
Taps shall be level and installed at right depth. Taps for hot water shall be marked with red coloured plastic inserts and fixed on the left hand side of all basins, sinks, showers, etc. Fit taps for cold water with green/blue plastic inserts on the right hand side.
- 538 Work description: Install / replace water pipes 15mm copper pipes
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is avoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 539 Work description: Install / replace water pipes 22mm copper pipes.
Copper pipes for domestic water services in all cases shall comply with the requirements of SABS Specification 460 Class 2 and 3. For applications below ground only Class 2 or 3 shall be used. Pipe work shall be of Class 2 or 3. Provision must be made for union couplings in strategic places. No exposed surface mounted piping will be permitted on wall surfaces except where it is unavoidable and provided it is not unsightly, all to the approval of the Manager. A proper inclination shall be maintained in fixing pipes so that no air can be logged in them. All pipe work to be installed in compliance with manufacturers specification and SABS 0252 code of practice. Provision must be made for thermal expansion and the proper anchoring there of. All pipe runs should be flushed, fastened and pressure tested, prior to the application of any terminal fittings.

FIT/REPLACE ITEMS/ FURNITURE

- 566 Work description: Replace single 150mm x 150mm ceramic soap dish.
Remove existing cracked or damaged soap receptacles, including cement mortar. Thoroughly clean out and wet hole. Provide and fit in cement mortar, a new approved white or colour glazed earthenware soap receptacle with tongued lip. Soap receptacles are to be thoroughly wetted in water prior to fixing, and neatly finished off with neat white cement grout. work description:
- 569 Work description: Fit/Replace towel rail
Provide chrome plated towel rail and brackets. Towel rail shall be 1m long and fix with fisher plugs and at least 35mm long countersunk self tapping screws. REFIX TOWEL RAILS: Remove loose towel rails from wall. Drill out the existing wall plugs and replace with new patent plastic or hardwood wall plugs. Refit towel rails with 38mm long chromium-plated round-headed screws, securely screwed to plugs in wall.
- 571 Work description: Fit or replace coat hooks
Provide and fix in the position indicated or directed, 100 x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails.

ROOF

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

- 637 Work description: Seal concrete roof with abe or simmlar product
WATERPROOFING TO FLAT SCREED ROOFS DOUBLE LAYER INCLUDING MINERAL SURFACE SURFACE PREPARATION
 Surface areas should be dry, clean and sound, free of voids, sharp protrusions or contaminants. The surfaces shall have a light steel trowelled or fine wood float finish.
SUBSTRATES AND FALLS Screeds are to be sand cement laid to minimum falls of 1 in 60, the strength and thickness as per engineers specification. The moisture content is not to exceed 7 % prior to torchon applications. Should light weight screeds be employed an additional sand cement screed is to be placed on top of the light weight screed, the strength and thickness as per engineers specification. Under no circumstances must the torchon material be applied directly onto the light weight screeds. Special care must be given to all expansion / construction joints, refer to you're a.b.e. Technical Representative concerned for specific details.
PRIMING 1. **NEW ROOF** Prime all surfaces with a.b.e. bituprime, including all verges, and around outlets and protrusions and allow the solvent to flash off. Extremely porous surfaces should be re-primed.
 2. **REJUVENATION** Strip existing waterproofing before priming all surfaces with a.b.e. bituprime, including all verges, around outlets and protrusions and allow the solvent to flash off. Some existing waterproofing materials may be overlaid only in consultation with the a.b.e. Technical Representative concerned.
SPECIFICATION a.b.e. Index Fidia P 4 mm, South African Agreement Certified (Certificate No. 97/261)
 Full bore outlets, pipe upstands to have a square metre of a.b.e. Index Fidia P 4 mm bonded to the suface including their gussets. All internal and external corners to have a gusset fitted, 100 mm x 100 mm, using a.b.e. Index Fidia P 4 mm prior to the commencement of the waterproofing application. Apply the first layer a.b.e. Index Fidia or Unigum P 3 mm, non-woven polyester reinforced. Apply the second layer, a.b.e. Index Fidia or Unigum MS 4,5 kgs/m2, non-woven polyester reinforced, on top of the first layer, ensuring both layers are fully bonded means of 'torchon fusion' using propane gas, having side and end laps of 100 mm and 150 mm respectively. The rolls are to run parallel to each other, centrally staggered to prevent joints overlapping. See data sheet 'Six Golden Rules'.
FLASHING Counter flashing over the balance of the parapet is recommended using a.b.e. super laycryn or a.b.e. super laykold incorporating a.b.e. membrane, details as recommended in our data sheet. Ensure the lap over the torched membrane is at least 150 mm.
PROTECTION LAYERS All plain exposed surfaces are to treated with 2 coats of a.b.e. silvakote as protection layer against UV rays. The coating should be applied 6 to 8 weeks after torching process to allow the surface to oxidise slightly thus providing good adhesion of the coating. Should loose stone ballast be the finished surface, then apply the plain surface of Index torchon membrane opposed to "MS" as the final layer followed by a single layer of a.b.e. malthoid 5 Ply as a protection layer having side and end laps of 150 mm respectively, laps bonded using a.b.e. bitugrip. The stone ballast to be laid on top of the a.b.c. malthoid 5 Ply.
DRAINAGE OUTLETS Specific attention must be given to the detail work when waterproofing the outlets to prevent ingress of moisture.
GENERAL a.b.e. Index waterproofing membranes shall only be installed by contractors accredited by a.b.e. Construction Chemicals Limited. Care must always be taken when working with open flames, potential fire hazard, and molten bitumen from the

Respondent's signature: _____ Date: ____/____/____

ITEM NO. SPECIFICATIONS PER ITEM.

process, employ safety equipment and clothing where necessary. All the products are to be applied in accordance with the manufacturers instructions. All relevant data sheets are to be carefully read for additional information.

IMPORTANT NOTE

This data sheet is issued as a guide to the use of the product(s) concerned. Whilst a.b.e. Construction Chemicals Limited endeavours to ensure that any advice, recommendation, specification or information is accurate and correct, the company cannot - because a.b.e. has no direct or continuous control over where and how a.b.e. products are applied - accept any liability either directly or indirectly arising from the use of a.b.e. products, whether or not in accordance with any advice, specification, recommendation, or information given by the company.

FURTHER INFORMATION Where other products are to be used in conjunction with this material, the relevant technical data sheets should be consulted to determine total requirements. a.b.e. Construction Chemicals Limited has a wealth of technical and practical experience built up over years in the company's pursuit of excellence in building and construction technology. Screed To Falls

abe Index Fidia Unigum P 3 mm Fully Bonded To The 'bituprime' Primed Surface
abe Index Fidia or Unigum MS 4,5 kgs/sqm

Fully Bonded To The First Layer Gusset 100 x 100 mm
abe Index Unigum P 4 mm Counter Flashing With super laycryl + membrane

abe Index Fidia or Unigum MS 4,5 kgs/sqm Fully Bonded To The 'bituprime' Primed Surface
Plaster Concrete DPC Brickwork SCREEDED ROOF

1

WALLS EXTERIOR

- 699 Work description: Build walls 220mm face
Supply approved as specified face bricks. The mortar for wall shall be 1 part PPC cement and 6 parts clean approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers of brick. Clay bricks shall be well saturated with water, in the stack or dump, approximately 2 hours before being used. The tops of walls left unfinished shall be well wetted before work recommences. NB; Cement or concrete bricks shall not be wetted. All rough and fair cutting, cutting of splays, skewbacks, chamfers, etc shall be properly performed. Form or leave all necessary openings for pipes etc. and make good after pipes etc. are fixed in position. Mortar joints to brickwork generally shall be 10 mm in thickness with level bedding joints and vertical perpend. The joints in brickwork receiving plaster, tiling or similar finishes shall be raked out whilst the mortar is soft to form key for the plaster or mortar backing. The depth of the raking out will depend on the condition of the bricks; the rougher the bricks on face the shallower the raking out and the smoother the bricks the deeper the raking out. The joints in brickwork shall be flushed off where walls are to be bagged, in readiness for the bagging.

WINDOWS EXTERIOR

Respondent's signature: _____ Date: ____/____/____

TENDER NO: BLE/52080

ASSET NO: 02NAD01C

ITEM NO. SPECIFICATIONS PER ITEM.

748 Work description: Build in window frame

Stock residential and industrial type window windows shall comply with the requirements of SABS Specification 727. All other types both stock and purpose made shall comply with the constructional and other requirements of the above specification wherever applicable. All windows shall comply with the following additional and/or amended requirements, : (a)

Suitable weather bars shall be provided to bottom of opening in and vertically pivot hung ventilators and also to the bottom of all opening out ventilators where they occur above other ventilators and elsewhere as may be required to render the opening sections watertight. (b)

Frames of windows where fixed to concrete columns, beams, etc. shall be provided with suitable lugs for fixing to plugs in the concrete, or with holes for screwing to plugs in the concrete at same spacing as the standard fixing lugs.

CONCRETE SLABS/PAVING

849 Work description: Drill hole in roof to install 500mm Windmaster turbine.

“PREVIEW COPY ONLY”

Respondent's signature: _____ Date: ____/____/____