TRANSNET

Transnet freight Rail, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[hereinafter referred to as **Transnet**]

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REQUEST FOR QUOTATION [RFQ] No BFX/52580

FOR THE PROVISION OF CIVIL AND ELECTRICAL MAINTENANCE AND REPAIRS TO TRANSNET FREIGHT RAIL ASSET 02AB049B BETHLEHEM

ISSUE DATE	:	**11 OCTOBER 2013**
CLOSING DATE	:	**5 NOVEMBER 2013**
CLOSING TIME	:	**10:00**
FORMAL BRIEFING SESSION	:	**22 October 2013 AT 10:00 – A COMPULSORY PRE-QOUTQTION SITE MEETING AND/OR BRIEFING SESSION WILL BE CONDUCTED AT TFR, MOVEMENT DEPOT, JOUBERT STREET, BETHLEHEM**

NOTE:

FOR ENQUIRIES REGARDING COLLECTION OF DOCUMENTS, CONTACT GIDEON JOUBERT, TELEPHONE 051 408-2167 OR JAKKIE KOTZE TELEPHONE 051 408-2328, RESPECTIVELY

LAST DATE OF ISSUE - RFQ BFX/52580 WILL ONLY BE ISSUED UNTIL 15:00 ON TUESDAY, 21 OCTOBER 2013

Section 1

NOTICE TO BIDDERS

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

METHOD:	Courier
CLOSING VENUE:	The Secretariat
	Acquisition Council
	Admin support Office
	Tender Box
	Office no. 2
	Real Estate Management building
	Austen Street
	Beaconsfield
	Kimberley
	Contact person: Maggie Pain Tel. 053 – 828 3341)

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1 Responses to RFQ

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

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

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

2.1 B-BBEE Scorecard and Rating

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

- In this RFQ, Transnet will apply the 80/20 preference point system prescribed in the PPPFA.
- Proposals will be evaluated on price which will be allocated 80 points and preference which will be allocated 20 points.
- The 80/20 preference point system applies where the acquisition of the Services will be less than R1 000 000.00. However, if the 80/20 preference point system is stipulated in this RFQ and all Bids received exceed R1 000 000.00, the RFQ will be cancelled.

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

(i) Verification Agencies accredited by the South African National Accreditation System [SANAS]; or

(ii) Registered Auditors approved by the Independent Regulatory Board of Auditors [**IRBA**], in accordance with the approval granted by the Department of Trade and Industry.

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

a) **Large Enterprises** [i.e. annual turnover greater than R35 million]:
- Rating level based on all seven elements of the B-BBEE scorecard

b) **Qualifying Small Enterprises – QSE** [i.e. annual turnover between R5 million and R35 million]:
- Rating based on any four of the elements of the B-BBEE scorecard

c) **Exempted Micro Enterprises – EME** [i.e. annual turnover less than R5 million]:

In accordance with B-BBEE Codes of Good Practice [Statement 000, Section 4], any enterprise with an annual total revenue of R 5 million or less qualifies as an EME.
- Automatic rating of B-BBEE Level 4 irrespective of race or ownership
- Black ownership greater than 50% or Black Women ownership greater than 50% automatically qualify as B-BBEE Level 3

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

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

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

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

[Refer clause 18 below for Returnable Documents required]

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3 Communication

a) Respondents are warned that a response will be liable for disqualification should any attempt be made by a Respondent either directly or indirectly to canvass any officer(s) or employee of Transnet in respect of this RFQ between the closing date and the date of the award of the business.

b) A Respondent may, however, before the closing date and time, direct any written enquiries relating to the RFQ to the following Transnet employee:

Name: Gideon Joubert

Email: Gideon.Joubert@Transnet.net

c) Respondents may also, at any time after the closing date of the RFQ, communicate with Maggie Pain on any matter relating to its RFQ response:

Telephone 053 838 3341

Email Maggie.Pain@Transnet.net

4 Tax Clearance

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

5 VAT Registration

The valid VAT registration number must be stated here: _____ *[if applicable]*.

6 Legal Compliance

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

7 Changes to Quotations

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

8 Pricing

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

9 Prices Subject to Confirmation

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

10 Negotiations

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

11 Binding Offer

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

12 Disclaimers

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

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

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

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

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

NATURE OF BREACH:

_____

_____

DATE OF BREACH: _____

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

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13 Evaluation Criteria

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

- **Administrative responsiveness** - Completeness of response and returnable documents
- **Substantive responsiveness** – Prequalification criteria, if any, must be met and whether the Bid materially complies with the scope and/or specification given.
- Weighted evaluation based on 80/20 preference point system as indicated in paragraph 2 above:
  - Pricing and price basis [firm] - whilst not the sole factor for consideration, competitive pricing and overall level of unconditional discounts[1] will be critical
  - B-BBEE status of company

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

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

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

14 Validity Period

Transnet desires a validity period of 90 [ninety] days from the closing date of this RFQ.

This RFQ is valid until _____.

15 Banking Details

BANK: _____

BRANCH NAME / CODE: _____

ACCOUNT HOLDER: _____

ACCOUNT NUMBER: _____

16 Company Registration

Registration number of company / C.C. _____

Registered name of company / C.C. _____

17 Disclosure of Prices Quoted

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

YES ☐ NO ☐

18 Returnable Documents

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

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

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

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

Returnable Documents	Submitted [Yes or No]
SECTION 1 : Notice to Bidders	
- Valid B-BBEE Verification Certificate [RSA Large Enterprises and QSEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard	
- Valid B-BBEE certificate from auditor, accounting officer or SANAS accredited Verification Agency [RSA EMEs] Note: failure to provide a valid B-BBEE Verification Certificate at the closing date and time of the tender will result in an automatic score of zero being allocated for B-BBEE scorecard	
- In the case of Joint Ventures, a copy of the Joint Venture Agreement or written confirmation of the intention to enter into a Joint Venture Agreement	
SECTION 2 : Quotation Form	
SECTION 3: Vendor Application Form	
• Original cancelled cheque or bank verification of banking details	
• Certified copies of IDs of shareholder/directors/members [as applicable]	
• Certified copy of Certificate of Incorporation [CM29/CM9 name change]	
• Certified copy of share certificates [CK1/CK2 if C.C.]	
• Entity's letterhead	
• Certified copy of VAT Registration Certificate [RSA entities only]	
• Certified copy of valid Company Registration Certificate [If applicable]	
• Original valid Tax Clearance Certificate [Consortia / Joint Ventures must submit a separate Tax Clearance Certificate for each party]	
Special Conditions civil work	
ANNEXURES A - Specifications per item for Asset No. 02AB049B Bethlehem	
ANNEXURES B - Tender Price List Per Item for Asset No. 02AB049B Bethlehem	
Specification for the upgrade of lighting and power points for RME offices located in Bethlehem Asset number 02AB049B	
Schedule of Quantities for the upgrade of lighting and power points for RME offices located in Bethlehem Asset number 02AB049B	
Form E.4E Transnet (Jan 2004) Safety arrangements and Procedural compliance with the Occupational Health and Safety act (Act 85 of 1993 and applicable regulations	

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b) In addition to the requirements of paragraph a) above, Respondents are further requested to submit with their Proposals the following **additional documents** as detailed below.

Please confirm submission of these additional documents by so indicating [Yes or No] in the table below:

ADDITIONAL DOCUMENTS	SUBMITTED [Yes or No]
Letter of Good Standing	
Proof of CIDB Registration – GB2 or higher	

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Section 2

QUOTATION FORM

I/We_____

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

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

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

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

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

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Price Schedule

I/We quote as follows for the Service required, excluding VAT: See Annexure B " Tender Price List Per Item" for Asset No. 02AB049B and Schedule of Quantities for the upgrade of lighting and power points for RME offices located in Bethlehem Asset number 02AB049B

Delivery Lead-Time from date of purchase order : _____ [days/weeks]

Notes to Pricing:

a) All Prices must be quoted in South African Rand, exclusive of VAT

b) Please note that should you have offered a discounted price(s), Transnet will only consider such price discount(s) in the final evaluation stage if offered on an unconditional basis.

TRANSNET LIMITED

(REGISTRATION NO 1990/000900/30)

trading as Transnet freight rail

(Hereinafter referred to as TRANSNET)

GENERAL BUILDING MAINTENANCE WORK TO TRANSNET FREIGHT RAIL ASSET NO. 02AB049B BETHLEHEM

SPECIAL CONDITIONS Civil work

Scope of work

This contract comprises the performance of general building maintenance and alteration work as specified and according to attached specifications and plans as per annexure A, and B for the Civil building trades.

All work in the specification must be carried out strictly according to local and National Civil building regulations

1. Site Location:

The sites are situated at the Transnet freight Rail, Wagons Depot, Bethlehem.

2. Contract documents:

This contract will consist of a contract document and letter of acceptance
DEFINITIONS: Project Manager means any person appointed by Transnet Freight Rail from time to time to supervise and take charge of the Contract.

Transnet Freight Rail is a business unit of Transnet Limited, Registration No 90/00900/30, a Company registered under the Company Laws of the Republic of South Africa.
Works means the works to be executed in terms of this contract.

3. Discrepancies in Tender:

Where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern. If in the Bill of Quantities there is an error in the line item total resulting from the product of the unit rate and the quantity, the line item total shall govern and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line item total as quoted shall govern, and the unit rate shall be corrected.
Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderers will be asked to revise selected item prices (and their rates if bills of quantities apply) to achieve the tendered total of the prices

4. Acquaintance with Contract Documents

The tenderers are required to acquaint themselves with the contents of the aforesaid documents and complete the following forms:

The tenderers are required to check the number of pages and should any be found to be missing or in duplicate or the figures or writing to be indistinct or should there be any doubt or obscurity as to the meaning of any particular word or phrase or descriptions or should tenderers consider that any item is incorrectly or inadequately described they must inform, the Senior Buyer (SCS) of the project, at once in writing, under reference and have the matter rectified or explained as the case may be, as no liability whatsoever will be admitted by Transnet freight rail

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in respect of errors in a tender due to the foregoing.

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

5. Communication and Availability:

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

6. Certificates of Compliance

Where required as per the by laws of any Local Authority or Municipality the Contractor will provide the necessary Compliance certificates of completed work. All Electrical work MUST have a Certificate of Compliance issued once the work is completed.

7. Competency and Qualifications

The Contractor shall also provide:

a. Satisfactory proof of his or his staff's qualifications for the task required before Transnet will permit him/her to commence this task duty.
   Acceptable proof of qualifications shall be:
   i. A trade test diploma from the Department of Manpower issued at a test centre;
   ii. A completed contract of apprenticeship;
   iii. Proof of qualification acceptable to the Department of Manpower in the case of qualified artisans from a foreign country
   iv. A license for water connections, if applicable;
   v. Plumbing work shall be done by a trained/registered plumber or under the supervision of a register plumber as require by law in the national building regulations, regulation A18 CONTROL OF PLUMBERS AND PLUMBING WORK. A certificate of Compliance must be issued as per IOPSA and the Government Notice R 1875, 31st August 1979
   vi. Any competency as needed and recognized by the Department of Labour.
   vii. Proof that he is able to perform all kinds of general repair work:

b. If the workmanship is not of standard, albeit that the incumbent who undertakes the work is qualified as per clause 13 above, Transnet will reserves the right to ask that this incumbent be removed for doing work for Transnet.

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

8. 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.

i. The National Environmental Management Act, 107/1998;
ii. The Environmental Conservation Act, 73/1989; and
iii. The National Water Act, 36/1998.
iv. The Construction Regulations GN 1010 (Act 85)

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

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pollution the damage shall be rectified at the Contractor's cost.

9. Transnet Specifications (Enclosed)

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

10. Handing over of Site

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

11. 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. Specialized work will include Vertical blinds, carpets, tinting of window panes. Breach of this condition will entitle Transnet to cancel the contract forthwith.

12. Price structure and payment

a. Payments shall be made (within 30 days of receiving of invoice by finance in Johannesburg) when work is completed, (minus retention money), and in accordance with the Schedule of Rates and Prices.
Payments will be paid for each particular project once completed. If the working period in the project is longer than one month a progress payment may be made. This will be a part payment for the work completed on the date of measurement
No payment will be made for material on site.

b. The invoiced amount payable to the Contractor shall be the sum of the charges as agreed and set out in the Schedule of Rates and Prices of each individual project and as approved on the acceptance letter for the project.

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13. Retention:-

Transnet will retain 10% of the value of the civil work for a period of SIX months (the maintenance period) or such further period beyond the maintenance period if defects have not yet been made good to the satisfaction of the Project Manager.

14. Advertising rights & Trading

a. The Contractor acknowledge that he is acquainted with the provisions of section 14(2) of the Merchandise Marks Act of 1941, in terms of which he is prohibited from advertising the fact that he is a Contractor to Transnet unless the written authority of Transnet thereto has first been obtained. Transnet reserves all advertising rights on Transnet's property.

b. The Contractor shall not trade on Transnet's property.

15. Supervision

Transnet Real Estate 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.

16. Inspection of work

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

b. 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.

c. 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.

d. 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.

e. The Contractor shall uncover any parts or parts of the work or make openings in or through the same as the Project Manager may from time to time direct and shall reinstate and make good such parts to the satisfaction of the Project Manager. The Contractor's costs for the reinstating shall be borne by the Contractor.

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17. Instructions to the contractor and Site records

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

a. Site Diary

The Contractor shall provide a diary (A5 or bigger), in triplicate to record ALL day-to-day work done, weather conditions, staff on site and incidents that could occur during the contract period. This includes weather, number of workers on the site, incidences that have occurred and what work is to be done on that day. These records shall be used to enable the parties to determine exactly how many hours per day (including overtime) the Contractor and his staff have been working on a particular project

b. Site Instruction Book

The Contractor shall provide a site instruction book (A5 or bigger), 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. For each project.

18. Program & Planning of the work:

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

19. Additional work

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

20. Electricity supply and water 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 SABS 0142.

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. The Contractor must supply all connections, hoses, etc., as necessary.

21. Access to site, store for contractor material equipment and Transnet staff occupying buildings

The areas are restricted and the contractor must ensure he complies with the regulations of Transnet in every way.
Contractor and/or any sub-contractors shall be required to apply for permission to enter the restricted area in writing.

The contractor will provide his own portable store facilities, the store appearance shall be subject to the approval of the Transnet project manager. The location where the store may be placed shall be showed to the contractor by the Transnet freight rail Project manager and the store may only be place at this approved location.
All debris and materials removed from the building shall be safely and neatly stacked at an approved location and the area shall be cordoned off with barrier tape.
The contractor is responsible for the safe keeping of all his material and equipment on site, the contractor can have two staff members on site 24 hours 7 day a week to protect his material and equipment, these staff members will act as security and will not be allowed to sleep, wash or cook food on the Transnet premises.

The Building will not be occupied during the renovations The labour required to move any furniture, in the same room, if necessary is to be included in all items.

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22. Security

A list of names of workmen shall be given to the manager to arrange for the necessary permits. A 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.

23. 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 manager. No material that is lying on the site or on Transnet's property may be removed (even if deemed as scrap) by the contractor.

24. Tax clearance certificates:

Tenderers may be disqualified if a valid tax clearance certificate or written proof from the South African Revenue Service that the supplier has made arrangements to meet outstanding tax obligations were not submitted with the tender.

25. 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.

26. Site meetings

Site meetings to discuss the project will be held, on a regular basis as agreed upon, between Transnet Freight Rail Project manager and the Contractor, (Relevant Sub contractors / Specialists may be requested to attend).
Progress and site inspection meetings will take place on a regular basis, once a week or as per arrangement.

27. Hire equipment

If necessary to hire abnormal equipment to do any work, the payment for the hire equipment shall be market related priced, actual invoice plus a 10% mark-up. These costs shall be included in the quote for the project. The approval of the Transnet Project manager is required before such equipment is hired.

28. Working outside normal working hours:

Normal working hours are between 07:30 and 16:00 Mondays to Fridays.
The Project manager, the contractor and Manager of the Transnet staff using the building will meet to discuss and agree if contractor requests work outside the normal hours as indicated above and on Weekends and Public Holidays.. Due to security reasons this may be disallowed..

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29. Safety

The Contractor shall submit a Health and safety plan before any site will be handed over for approval. The health and safety plan will cover all the projects under the contract, the health and safety plan shall include a risk assessment to cover the standard risk and safety plan to general maintenance and alteration work to buildings. As per this list

a. **Erection & dismantling and working on Scaffold**
b. **Using ladders**
c. **Working on sloping roof**
d. **Working within a public area**
e. **Hazardous chemical substances**
f. **Noise**
g. **Hire plant and machinery**
h. **Fire fighting equipment**
i. **Gas cylinders**
j. **Portable electrical tools**
k. **Transport staff**
l. **Transport material**
m. **Occupational health**
n. **Welfare facilities**
o. **Speed restriction**

p. **Permits**
q. **Occupational health and safety signage**
r. **Personal protective clothing, equipment (PPE)**
s. **Potential hazard situations**
t. **Working at Heights of more than 3metre**
u. **Working Near to Electricity overhead lines**
v. **Installing and replacing electrical equipment**

Precautions to be taken: See Transnet attached E7-1 document

The contractor will however also be responsible to do a risk assessment of each individual project and if there is any risk at an individual project 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.

Contractor will have first aid box on site at every project, except if where buildings are not further than 100m form building where the first aid kit is kept.
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 any work start on Transnet property. The contractor and his employees shall sign a register that they attended the Safety Induction session and only workers who have attended the session will be allowed to work on the site.

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30. Insurance

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

31. Substance abuse testing

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

Section 3

Transnet Supplier Declaration/Application

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Transnet Supplier Declaration/Application

The Financial Director or Company Secretary

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

1. Complete the "Supplier Declaration Form" **(SDF)** on page 2 of this letter
2. **Original** cancelled cheque **OR** letter from the bank verifying banking details **(with bank stamp)**
3. **Certified** copy of Identity document of Shareholders/Directors/Members (where applicable)
4. **Certified** copy of certificate of incorporation, CM29 / CM9 (name change)
5. **Certified** copy of share Certificates of Shareholders, CK1 / CK2 (if CC)
6. A letter with the company's letterhead confirming physical and postal addresses
7. **Original** or **certified** copy of SARS Tax Clearance certificate and Vat registration certificate
8. A signed letter from the Auditor / Accountant confirming most recent annual turnover and percentage black ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (SANAS member).

NB: • ***Failure to submit the above documentation will delay the vendor creation process.***
• *Where applicable, the respective Transnet business unit processing your application may request further information from you. E.g. proof of an existence of a Service/Business contract between your business and the respective Transnet business unit etc.*

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IMPORTANT NOTES:

a) **If your annual turnover is less than R5 million,** then in terms of the DTI codes, you are classified as an Exempted Micro Enterprise (EME). If your company is classified as an EME, please include in your submission, a signed letter from your Auditor / Accountant confirming your company's most recent annual turnover is less than R5 million and percentage of black ownership and black female ownership in the company AND/OR BBBEE certificate and detailed scorecard from an accredited rating agency (e.g. permanent SANAS Member), should you feel you will be able to attain a better BBBEE score.

b) **If your annual turnover is between R5 million and R35million**, then in terms of the DTI codes, you are classified as a Qualifying Small Enterprise (QSE) and you claim a specific BBBEE level based on any 4 of the 7 elements of the BBBEE score-card, please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (e.g. permanent SANAS Member).

c) **If your annual turnover is in excess of R35million**, then in terms of the DTI codes, you are classified as a Large Enterprise and you claim a specific BEE level based on all seven elements of the BBBEE generic score-card. Please include your BEE certificate in your submission as confirmation of your status.
NB: BBBEE certificate and detailed scorecard should be obtained from an accredited rating agency (permanent SANAS Member).

d) **To avoid PAYE tax being automatically deducted from any invoices received from you,** you must also contact the Transnet person who lodged this request on your behalf, so as to be correctly classified in terms of Tax legislation.

e) Unfortunately, **No payments can be made to a vendor** until the vendor has been registered, and no vendor can be registered until the vendor application form, together with its supporting documentation, has been received and processed.

f) **Please return the completed Supplier Declaration Form (SDF) together with the required supporting documents mentioned above to the Transnet Official who is intending to procure your company's services/products in order that he/she should complete and Internal Transnet Departmental Questionnaire before referring the matter to the appropriate Transnet Vendor Master Office.**

Regards,
Transnet Vendor/Supplier Management .Contact person Carol tell: 021 940-3846 fax 021 940-3883.

.....
Respondent's Signature

.....
Date & Company Stamp

TRANSN

Supplier Declaration Form

Company Trading Name						
Company Registered Name						
Company Registration Number Or ID Number If A Sole Proprietor						
Form of entity	CC	Trust	Pty Ltd	Limited	Partnership	Sole Proprietor
VAT number (if registered)						
Company Telephone Number						
Company Fax Number						
Company E-Mail Address						
Company Website Address						

Bank Name		Bank Account Number	
Postal Address		Code	
Physical Address		Code	

Contact Person	
Designation	
Telephone	
Email	

Annual Turnover Range (Last Financial Year)	< R5 Million		R5-35 million		>R35 million	
Does Your Company Provide	Products		Services		Both	
Area Of Delivery	National		Provincial		Local	
Is Your Company A Public Or Private Entity			Public		Private	
Does Your Company Have A Tax Directive Or IRP30 Certificate			Yes		No	
Main Product Or Service Supplied (E.G.: Stationery/Consulting)						

BEE Ownership Details

%Black Ownership		% Black women ownership		% Disabled person/s ownership	
Does your company have a BEE certificate		Yes		No	
What is your broad based BEE status (Level 1 to 9 / Unknown)					
How many personnel does the firm employ		Permanent		Part time	

Transnet Contact Person	
Contact number	
Transnet operating division	

Duly Authorised To Sign For And On Behalf Of Firm / Organisation

Name		Designation	
Signature		Date	

Stamp And Signature Of Commissioner Of Oath

Name		Date	
Signature		Telephone No.	

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

Transnet Vendor/Supplier Management .Contact person Carol tell: 021 940-3846 fax 021 940-3883

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Respondent's Signature

Date & Company Stamp

ANNEXURE A

ASSET DESCRIPTION: **Office, store, mess and ablution for RME**

ASSET LOCATION: **Wagons area**

CITY / TOWN: **Bethlehem**

WORK DESCRIPTION: **Complete maintenance to building and small alterations**

TENDER NO: **ASSET NO: 02AB049B**

ITEM NO. **SPECIFICATIONS PER ITEM.**

CEILINGS

1 Work description: Repair pipe hole in ceiling up to 75mm diameter
Repair hole in ceiling to match texture and finish of ceiling, cut 3.2mm thick hardboard section at least 50mm per side bigger than hole in ceiling, fit section n ceiling with rough side to under side, screw hardboard section to ceiling with chip board screws, spot prime screws and hardboard section with universal under coat let dry. Fill hole section and screw heads with strong filler and sand smooth to match ceiling board level.

4 Work description: Replace complete damaged ceiling panel between other panels and or walls
Replace gypsum ceiling panel complete. Install ceiling panel to match existing ceiling panel size and finish. Item include the remove of damaged panel, cornice and or cover strips as necessary, fitting of new panel, new sections of cornice and or cover strips to match existing type, thes pot prime of all nails and or screws heads and the complete paint of the replaced panel with plaster primer.

6 Work description: Break out ceiling boards include brandering
Break out gypsum/nutec ceiling complete include brandering and remove all rubble from site (Allow for register electrician to remove all light fittings and make wires save for carpenter to remove ceiling) Care shall be take not to damage tie beams. Remove all rubble from site to approved dumping site.

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ITEM NO. SPECIFICATIONS PER ITEM.

7 Work description: Install Gypsum board ceiling complete, include brandering and H profile or cover strips but exclude cornice
Brandering for ceilings shall be 38 x 38mm, for truss spacing up to 1000mm.
Brandering for ceilings shall be 38 x 50mm, for truss spacing up to 1001mm to 1200mm
Brandering for ceilings shall be 50 x 50mm, for truss spacing up to 1201mm to 1400mm
Main branders shall be at right angles to tie beams and spaced at 400mm centres.
Branders shall be fixed with galvanized nails, accordance with SABS Specification 563. All brandering shall bear the standardisation mark of the South African Bureau of Standards. The brandering shall be securely spiked up to the supporting timbers with 90 mm wire nails. Cross brandering shall be cut in between the longitudinal brandering, all securely skew nailed to same with 90 mm wire nails. The sizes and spacing of brandering for the various types of ceilings shall be as follows: Gypsum plaster board: fixed brandering parallel at centres not exceeding 450 mm for 900 mm wide boards and 600 mm for 1200 mm wide boards. Brandering shall also be fixed around edges of ceilings where required for fixing cornices. Size 38 x 38mm or as per table for truss spacing, but not exceeding 450 mm centres in one direction at right angles to the supporting timbers where metal H-section jointing strips are to be used.
Fix new ceiling type boards as specified. The ceiling boards must always be fixed with the length of the board at right angles to the brandering. Prime 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 or screws. The nails shall be driven into the board or screws shall be screwed in with the nail/screw heads a fraction in to the board, spot prime all nail heads with universal undercoat, leave to dry and fill over nail/screw heads with filler, sand filler level with ceiling board. Board shall be joint with H – profile steel jointing strips. Strips sahll be painted 1 coat universal under coat after it had been fitted. Boards can also be fixed with chip board screws spaced same as specified for clout nails.

12 Work description: Fit additional joists to trusses
Provide and fix in position additional 114 x 38mm beams where shown or as necessary between existing tie beams and trusses where support for new sollar geysers is required. Fix to existing truss and tie beams with 8mm bolts and washers to secure additional beam to existing roof trusses.

15 Work description: Install trap door
Openings for trap doors in ceilings shall be made with 38 x 100 mm timbers, all securely spiked to the supporting timbers. The framework for the trap door shall be trimmed out of 38 x 38/50mm SA Pine wood, properly spiked to supporting timbers and trimmers. The size of the opening shall be 650 x 650 mm. Trap door lid shall be formed with a skeleton frame of brandering as for ceilings, covered on underside with at least a 3.2mm thick hard board. Soffits of trap doors shall be flush with soffits of ceiling when closed and flap back 180° on to top of the brandering when opened. Closed trap door shall rest on 50 x 19mm softwood fillets all around opening, mitred at angles and securely fixed to soffits of ceiling. Any trap door larger than 650 x 650 mm shall be provided with brandering along the centre of the lid, securely spiked to the skeleton frame. In lieu of the above, pressed steel trap doors complete with frame and hinges may be offered as an alternative, nailed to truss tie beams. Trap door size shall be as per standard steel type trap door.

16 Work description: Fix loose Cover strips
Securely re-fix in position all loose cover strips. Re-fix loose at not more than 200mm centres

17 Work description: Replace cover strip
Replace cover strip to match existing type cover strips.

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ITEM NO. SPECIFICATIONS PER ITEM.

19 Work description: Repair holes up to 30mm in cornice
Make newspaper wet and press in to hole 5mm deeper than cornice surface, leave to dry and fill with crack filler and sand smooth to be level with cornice surface and to match cornice finish

20 Work description: Fix loose cornice
Securely fix in position all loose cornices. fix loose cornice to ceiling with 40 x 2mm diameter cadmium plated clout headed nails, and to wall surface with approved hardened steel nails, all at not more than 200mm centres.

21 Work description: Replace cornice partly
Take off defective cornices to the ceilings specified and remove from site. Provide new cornices to match existing; fix new cornices to ceiling with 40 x 2mm diameter cadmium plated clout headed nails, and to wall surfaces with approved hardened steel nails, all at not more than 200mm. Provide new cornices to match existing.

23 Work description: Seal gap between Cornish and wall with acrylic sealer
Seal gap between wall and cornice with paint able acrylic sealer. Apply sealer with caulking gun. Smooth with a wet finger or spatula after application. Leave sealer to dry for at least 24 hours before painting ceiling or wall (sealer must be applied after ceiling and walls were washed.

24 Work description: Install rhino cove cornice complete.
Gypsum plaster board cove cornices to ceilings shall comply with the requirements of SABS Specification 622 and shall be of 76 or 125 mm girth as specified, all nailed through the ceiling boards to the brandering and to walls at distances not exceeding 300 mm centres with 2 mm diameter galvanized or cadmium plated clout headed nails, 40 mm long, or fixed to walls with hardened steel nails driven into the brickwork with heads flush with surface. Cornices shall be scribed at internal angles, mitred at external angles and shall be in long lengths with splayed heading joints where necessary. Fixing of cornices by means of an appropriate adhesive is acceptable, but this method of fixing shall be carried out in strict accordance with the Manufacturer's instructions. All inside corners shall be scribe joints and all exterior corners shall be mitre joints. All joints in straight sections shall be mitre joints and no butt jointing shall be allowed. All joint shall be neat. Cornices shall be straight and nailed to wall brandering. No sections shall be shorter than 500mm.

26 Work description: Fit supawood skirting and quarter rounds as cornice
Use 75 x 19mm Supawood skirting and 19mm Supawood quarter rounds in single lengths where practical. Skirting shall be trenched at back. Secure skirting with wood plugs and nails or with steel nails spaced at 500mm centres. The nail heads shall be counter sink and the holes filled with suitable wood filler and finished smooth. Joints at headings, internal corners and external corners shall be mitre. All joints shall be neat and tight fitted without the use of fillers. No sections shall be shorter than 500mm

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ITEM NO. SPECIFICATIONS PER ITEM.

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.

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

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.

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

WALLS INTERIOR

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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.

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

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

61 Work description: Remove loose paint and treat wall
This is a common cause of paint failure at or near ground level. Often, it is caused by plaster being continued below ground level and bridging the damp proof course in the building. The following treatment will minimize problems : The soil near the affected plaster should be excavated to expose the plaster. A straight cut, parallel to the ground and approximately 50 mm from it, should be cut through the plaster and into the brickwork. This cut should be filled with silicone sealant. Below the cut, the plaster should be painted with a waterproof paint such as a heavy duty bitumen coating. Above the cut, the building may be painted in the usual way. If this does not solve the problem a waterproofing specialist should be contacted. Where dampness is occurring in other areas, the source of water ingress must be established and cured, before any surface preparation commences.

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

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ITEM NO. SPECIFICATIONS PER ITEM.

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.

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

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

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.

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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 APROVED 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.

81 Work description: Item is extra to tile item to use bond it in grout in stead of water

82 Work description: Extra over item to tile over cracks in wall or floor
Apply as per manufacturer specification and as per previous items specifications

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.

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

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

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ITEM NO. SPECIFICATIONS PER ITEM.

86 Work description: Use silicone sealer as tile joint. instead of grout, to absorb movement in joints.
Tiles should be installed providing for adequate movement at joints. Movement and expansion joints to be provided for at maximum ± 3 m centres externally or at ± 4 m centres internally, in both directions or as per the tile manufacturers instructions. All expansion and movement joints must extend through the adhesive bed and tiles.

89 Work description: Make new opening in existing wall 220mm BRICK WALL
Cut or break openings in the existing wall, for the building in of door frames, where shown or mentioned. Measure, mark opening and cut with angle grinder from both sides. Make opening in existing wall. Remove all rubble from site. Form openings in the positions and of the sizes shown on drawings or as specified. Form seating in walls to suit the lintels as specified.

90 Work description: Demolish brick wall.
All demolishing work shall comply with SABS 0400-1990. Remove or protect all furniture and equipment. The demolition of wall and removal of rubble from site shall be done without affecting the safety, health and convenience of the people working in the building, or the public. No work shall, at any time, during the course of or after the demolition of a wall, be left in a condition dangerous to the people using the building, public or any adjoining property. Remove all rubble from site to an approved dumping site.

92 Work description: Repair hole in brick wall
Repair hole in wall to match existing wall texture and finish.

95 Work description: Lay damp proof course, 110mm wide x 375 micron.
Supply and place in position Brick grip SABS 952-1985 type B Damp proof course to resist rising damp. In solid wall construction, the DPC must be at least 3 courses above finished ground level, on the inner leaf. In a cavity construction the DPC must be at least 2 courses above ground level on the inner skin. The cavity below the damp-course must be filled and splayed to the underside of the stepped DPC. The omission of this detail can lead to chronic inward capillary movement of moisture at the interface of the slab and the brickwork.

96 Work description: Lay damp proof course 220mm wide x 375 micron
Supply and place in position Brick grip SABS 952-1985 type B Damp proof course to resist rising damp. In solid wall construction the Brick grip DPC must be at least 3 courses above finished ground level on the inner leaf In cavity construction the Brick grip DPC must be at least 2 courses above ground level on the inner skin. The cavity below the damp-course must be filled and splayed to the underside of the stepped DPC. The omission of this detail can lead to chronic inward capillary movement of moisture at the interface of the slab and the brickwork.

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

98 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

102 Work description: Place in position pre-cast concrete lintel for new made openings
Supply and place pre-cast lintel in position on existing concrete floor on mortar bed of 1 part cement and 3 parts building sand. Lintels shall be the length of new wall up to 2.40m long, joints only allowed after 2,40m length, but no section shall be shorter than 1.0m. For wall longer than 2.40m up to 4.80m only one joint allowed. The number of reinforcing wires in lintels for the various wall thickness and spans shall be not less than specified by the SABS Lintels shall be built in 3:1 cement mortar with all joints filled solid with mortar.

103 Work description: Place in position pre-cast concrete lintel
Supply and place pre-cast lintel in position on mortar bed. The lintels may be in a single width to the thickness of wall or may be in two widths, placed side by side, and shall have a depth of not less than 60 mm. Top surface of lintels shall be suitably roughened, indented or shaped to give a good bond between the lintels and the mortar for the first course of brickwork above, Lintels shall have bearings of not less than 225 mm on walls at each end. The number of reinforcing wires in lintels for the various wall thickness and spans shall be not less than specified by the SABS Lintels shall be built in 3:1 cement mortar with all joints filled solid with mortar.

104 Work description: Build up openings where windows and doors were removed.
See item for cutting of toothings for the full height of openings. Prepare for and build up openings with new brick work with cement mortar to match existing.

105 Work description: Build up openings where windows and doors were removed.
See item for cutting of toothings for the full height of openings. Prepare for and build up openings in new brick work with cement mortar to match existing. Cavity walls are to be built with two half brick thicknesses in stretcher bond, with 50mm cavities between, all tied together with metal wall ties .

106 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.

109 Work description: Build 220mm 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 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. Bricks of different composition are not to be mixed and build into the same wall. Cavity walls are to be built with two half brick thicknesses in stretcher bond, with 50mm cavity between, all tied together with metal wall ties .

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

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ITEM NO. SPECIFICATIONS PER ITEM.

112 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 re plastered. No re-tempering of partly set or dried plaster mixes shall be attempted and such material shall be discarded. Each coat of plaster shall be approved by the Manager before the next is applied and notice shall be given to that officer when it is ready for inspection.

114 Work description: Plaster reveals up to 265mm wide.
Plaster must be returned into reveals and soffits of openings and all angles shall be true and straight with salient angle slightly rounded.

117 Work description: Provide 45 degree angle with topping on top of shower walls.
Lay thickness as required to form45 degree angle, wood float to true and smooth surfaces. The sand used in the plaster shall be of such fineness as will allow for the screed being trowel to a surface suitable to receive the ceramic tile finishes. The top of the walls shall be cleaned with a wire brush before the screed is laid.

124 Work description: Supply and fit wall corner protectors

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

933 Work description: Make new opening in existing wall 220mm to 280mm BRICK WALL
Cut or break openings in the existing wall, for the building in of window frames, where shown or mentioned. Measure, mark opening and cut with angle grinder from both sides. Make opening in existing wall. Remove all rubble from site. Form openings in the positions and of the sizes shown on drawings or as specified. Form seating in walls to suit the lintels as specified.

934 Work description: Make new opening in existing wall 220mm to 280mm BRICK WALL
Cut or break openings in the existing wall, for the building in of door frames, where shown or mentioned. Measure, mark opening and cut with angle grinder from both sides. Make opening in existing wall. Remove all rubble from site. Form openings in the positions and of the sizes shown on drawings or as specified. Form seating in walls to suit the lintels as specified.

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ITEM NO. SPECIFICATIONS PER ITEM.

WINDOWS INTERIOR

130 Work description: Fit or Replace window handle.
Replace or fit new Brass or chrome plated window handle to match existing handles. Fix with right type and of matching metal finish screw. Apply lock tight to screw.

133 Work description: Fit or replace window sliding stay.
Provide and replace or fit new brass or chrome plated sliding stay to match existing sliding stays. Fix sliding stay with right type and matching metal screw. Apply lock tight or similar product to screw.

135 Work description: Fit / replace window peg stay.
Provide and replace or fit new brass or chrome plated peg stay and fix with right type and of matching metal finish screws. Apply lock tight to screw.

139 Work description: Manufacture and install burglar bars
See previous item for specification

146 Work description: Remove pelmet

153 Work description: Remove Quarry tiles /glazed wall tiles from sill
Remove old tiles completely with all adhesive and clean surfaces thoroughly, ready for new tiles finish.

156 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.

157 Work description: Tile windowsill.
Tile windowsill with tiles to match wall tiles. Finish edge between wall tiles and sill tiles with tile edge. Clean sill, if painted, chip to 80% of sill area and apply key coat according to manufacture's specification. Symmetrical arrangement of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Tile with approved tiles. Tiles shall be straight and level, all cutting shall be straight and neat, all joints shall be 5mm wide and shall be filled with a grout mixed with a waterproofing agent. Tiles shall be cleaned and shall have a neat finish. 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 water proofing agent like Tylon or Tal Bond-it. 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

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161 Work description: Install/replace vertical blinds (1)
*** MESUREMENT*** For recess fix blinds the clearance between bottom of blinds and window sill shall be 10 mm. For face fix blinds the blinds shall cover the window with plus 150 mm on each side of window where possible, the top of the blind shall be 100 mm above the lintel and the bottom of the blinds shall be 150 mm below the windowsill. Rails to be fit with quick snap–out clamps spaced not more than 900mm apart.

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

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

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162 Work description: Install/replace vertical blinds (2)
See install/replace Vertical blinds (1) for specifications

932 Work description: Paint window panes
Paint window panes complete. Clean window panes by washing with detergend and then rinse with clean water. Apply one coat universal under coat white and one coat white PVA paint to panes

WINDOWS INT AND EXT

184 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

189 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.

194 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.

198 Work description: Service window opener to close easy.

199 Work description: Fix window to close properly before painting
Remove all thick paint around window opening frame part where it presses against fixed frame, especially on the hinge side of the frames. Where the paint were removed to the bare metal, apply one coat approved metal primer.

202 Work description: Remove rust from window frame
Remove all thick and scale rust from steel window frame profiles with hand and or mechanical rust cleaning, then Use 60 grid sand paper and steel brush to further remove rust. Wash area clean with clean water and cloth. Let area dry, Spot prime areas with Rust converter FIXIT RUX rust converter or approved equivalent product. Apply a liberal wet film of approved rust converter, let it dry for two hours and apply a further coat. Leave to dry and for reaction with rust to take place, remove any loose powdery deposits (at coats wash again with clean water) before applying top coats as per specifications.

204 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 one coat Dulux Pearlglo. After painting, window-opening sections shall open and close easily. All Window handles, peg stays and sliding stays shall be remove 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

215 Work description: Paint burglar bars squre tubing frame with 10 – 12mm diameter round bar. Clean from all rust and dirt. Sand burglar bars and wipe off all sanding dust. After cleaning and sanding off rust on metal work those portions so affected shall be treated with an approved rust inhibitor. Paint burglar bars 1 coat universal undercoat and one coat Dulux pearglo.

216 Work description: Breakout window frame
Take out the existing window frames where shown or specified and remove from the site.

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219 Work description: Build in window frame in new OPENING IN wall
Window frames shall comply with SABS 727 and fittings shall be brass or chromium plated. Windows of single construction shall have weather bars at transoms above opening sashes. Except where galvanized frames are specified on fault list, frames shall be treated with one coat primer complying with SABS 909 before leaving the factory. Where windows are specified with burglar bars, these shall be standard type fitted over opening sashes. Remove existing window frame and build in new frame to match existing work with regard tot brickwork, plaster and windowsill.

DOORS/SECURITY GATES

235 Work description: Fit / Replace Bow door handle.
Replace/Fit bow door handle type as specified on work list. Screws for fixing of barrel bolts shall be of matching metal and finish.

236 Work description: Replace barrel bolt
Replace/provide type barrel bolt as specify on fault list. Screws for fixing of barrel bolts shall be of matching metal and finish

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

250 Work description: Repair hole in flush panel door
See work list explanations for problem. Repair work must match the texture and finish of the door. The repair method must be strong and durable.

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

258 Work description: Replace lock Mortise 2 lever.
Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock and handles must fit precise and shall be straight and parallel to door. Locks and handles shall be fixed with the right type of screw for the type of lock. Mortice locks where specified are to be snugly fitted into the mortice with face plate flush with. edge of door. In flush doors the mortice is to be deep enough to accept the lock, but must not penetrate through to the core of the door.

259 Work description: Fit 2 lever mortise lock with handles to new door.
Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock and handles must fit precise and shall be straight and parallel to door. Locks and handles shall be fixed with the right type of screw for the type of lock.

260 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.

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261 Work description: Fit 4 lever mortise lock with handles to new door
Mortise locks and mortise lock furniture shall comply with (SABS 4) and shall have SABS mark on each lock. Each lock shall have two keys and lock shall not have interchangeable keys. Lock and handles must fit precise and shall be straight and parallel to door. Locks and handles shall be fixed with the right type of screw for the type of lock.

267 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.

273 Work description: Replace flush panel door and paint 1 coat wood primer
Cutting, chiselling, drilling and fitting the door to the hinges. Masonite hollow core door shall have solid timber sides with out joints. The clearance on top and on sides shall be 3mm. The clearance at the bottom shall be 6mm. 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. The door shall be fixed with no 8 x 40mm wood screws. The hinges shall be recess and the recess shall be square to the edge, The door shall open and close easy without any hinge bound.

277 Work description: Fit Vitrex Vitreous Enamelled Steel Surface doors
All units to be neatly framed in a natural anodised (standard) /white colour Powder Coating, aluminium channel beading and to be supplied complete with Vitraflex standard Vitraflex ironmongery, comprising of indicator bolts and keeps, coat hooks cum door stops, rubber buffers, top rails and fixing components. The cubicles door are to be set up complete in position, 150 mm above finished floor level, strictly in accordance with the manufacturer's instructions. All ironmongery is to be secured in position by means of proprietary one-way, anti-theft screws. All doors to be fitted with standard aluminium washered butt / rising

280 Work description: Fit / Replace SA Pine FL & B door
SA Pine frame\, ledged and brazed 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 woodscrews to door. The hinges shall be recess and the recess shall be square to the edge.

281 Work description: Fit / Replace meranti flush back door.
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.

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285 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 listl. Allow paint to dry between coats as per specification. Re-fit lock and handles when paint is dry.

298 Work description: Security gate repair
Repair security gate as specified on fault list.

300 Work description: Supply additional keys for security gate lock

301 Work description: Security gate spot prime and paint 2 coats.
Remove all defective paint and rust, sand completely and wipe off all sanding dust with a damp cloth. Spot prime any bare metal areas with Dulux, Plascon or approved anti rust primer. Apply Plascon, Dulux or approved universal undercoat and one coat Plascon, Dulux or approved gloss enamel.

DOORFRAMES

312 Work description: Break out wood or steel doorframe complete
Take out the existing doors and frames where shown or specified and remove from the site as scrap.

318 Work description: Replace wood frame with steel doorframe
Break out wood doorframe for scrap and remove form site.

319 Work description: Replace wood frame with steel doorframe.
As required, cut toothings for the full height of openings. Set new frames in position, and build in. Make good in all trades. INCLUDE PLASTER to match the existing WALL FINISH. Pressed steel doorframes shall be mild steel, complying with SABS 1129. Joints shall be properly mitred, welded and reinforced at angels, and with welding neatly cleaned off on all faces. Frames shall be treated with one coat primer, complying with SABS 909, before leaving he factory. Frames shall be of 1,2mm metal with single rebates with widths required to suit the thickness of wall into which they are to be build in and fitted with tie bars and braces at the bottom, and lugs for building in, three to each jamb. Frames for single doors shall be provided with two 100mm steel butt hinges and an adjustable chromium plated striking plate as a mortise lock. Frames shall project not less than 20mm into floor finish and the space between jamb and wall shall be filled with mortar.

321 Work description: Build in 115mm steel door frame.
Supply steel doorframe, manufactured from at least 1,2mm thick steel. Doorframe shall be fitted with at least three lugs on either side of the frame, which are to be built into the wall. The door frame shall be build-in level, plumb and straight. The space between wall and frame shall be filled with mortar to top of frame.

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327 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 camp cloth. Allow too 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 too 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.

328 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 camp 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 pearglo on doors frames. Allow paint to dry between coats as per manufacturer specifications

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FLOORS

345 Work description: BRASS DIVIDING STRIPS
Provide and build in 25 x 3mm thick brass strips at junction of different floor finishing

355 Work description: Remove vinyl floor sheeting from floor
Remove sheeting completely and remove all debris from site.

371 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)

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373 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.

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

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

395 Work description: Remove wooden skirting.
Completely remove existing skirting.

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404 Work description: Fit ceramic tile skirting with tile edge strip
Chip skirting area to 80% and apply Tylon or Tal key coat. Mix and apply key coat as recommended by the manufacturer.
Cut ceramic tiles +-80mm wide and fix to wall as skirting. Factory finished edges shall face up and the cut sides will face towards the floor. Tiles shall be in straight line and the same specifications for tiling of walls and floors will be applicable.

405 Work description: Fit ceramic tile skirting with out tile edge strip
Chip skirting area to 80% and apply Tylon or Tal key coat. Mix and apply key coat as recommended by the manufacturer.
Cut ceramic tiles +-80mm wide and fix to wall as skirting. Factory finished edges shall face up and the cut sides will face towards the floor. Tiles shall be in straight line and the same specifications for tiling of walls and floors will be applicable.

411 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.

412 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.

418 Work description: Break out 80 to 100mm concrete shower floor
Break out concrete shower floor include waste pipe and remove all rubble from site.

419 Work description: Cast small area concrete floor 80mm thick use hand mix concrete
If the concrete is mixed by hand, it shall first be mixed in a dry state on a clean non-absorbent surface until it is of uniform colour and consistency. Just enough water shall be added to permit mixing and working, at which stage the concrete shall continue to be mixed until it is of uniform colour and consistency. Quality PPC cement with the SABS mark on the bag shall be used with clean river or pit sand and 20mm washed crusher stone. The concrete must be mixed by volume with a 1-3-5 mix. (Remember 2 bags cement fills 1 wheelbarrow) 1 part cement, 3 parts sand and 5 parts stone. The placing of concrete shall be completed within half an hour after mixing. 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.

CUPBOARDS / TABLE

453 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

455 Work description: Supply and fit/replace purpose made Supa Wood melamine sink cabinet. Cupboard shall be manufactured from oak melamine supa wood with oak melamine supa wood doors. Shelfs to be hite melamine and shelf edges to be cover with high impact PVC edging. Cupboard to have 2 doors, 1 shelve and a water-resistant base plinth. Cupboard to be closed at back with one piece white masonite. 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.

457 Work description: Build double sink stand with bricks and tile
Item to build sink stand with bricks to fit 1.80m long x 530mm wide double sink in corner of kitchen. Item include all the following items. Measure out for position of new side and front walls for sink, sink to overlap walls on front and side 10mm. Measurements provide are only for tender purpose. Drill holes in existing wall, fit steel dowels to every third layers of bricks. Build single brick wall with approved clay or cement bricks. Side wall 490mm wide after plaster and tiling wall shall be 520mm wide x 830mm high and front wall plus minus 1,650m long x 400mm high. Fill inside to 75mm below front wall with approved filling and compact. Cast concrete on top of filling to top of front wall. Plaster new side and front wall to expose sections, wood float finish.
Manufacture rectangular frame with 75mm x 6mm angle iron, paint frame one coat approved anti rust primer, one coat universal undercoat and two coats white gloss enamel. Fit frame to existing side and back walls with 8mm raw bolts, two to side walls 100mm front and four to back wall evenly spaced. Cut if necessary section of steel frame out for sink bowls to fit in.
Tile all expose new and existing vertical walls on side and back of sink with approved floor tiles as per sample floor tiles supplied by project manager. Item include the chip and apply of key coat to existing back and side walls. All exterior corners to get rounded aluminium tile edge strips.
Fit overlay stainless steel sink, apply silicone on edge to seal against side and back wall, fit white plastic cove strip between sink and wall for neat finish before tiles wall above sink. Wall tiles only include tiles to under sink inside area and exterior of new front and side wall. Wall tiles above and or on side of new build in sink not include in the item. Sink, waste outlet and rubber P trap included, but waste pipe exclude as distance to gulley can varied.
All build, plaster and tile work shall be level and straight, all work shall be neat and to the satisfaction of the project manager.

Material list. Contractor to check as per contract all measurements and sizes before tendering. Walls single build = 1.2m^2. Concrete slab 75mm thick = 0.85m^2. Tiles 2.50 m^2. Aluminium round tile edge strip 4.20m. White plastic cove strip 2.5m. Angle iron 75mm x 6mm x 4.0m. Sink SABS approved 1.80m x 530mm double bowls stainless steel overlaid sink. Two sink outlet and rubber P trap for double sink. Welding rods, anti rust paint, universal undercoat, white gloss enamel and 6 each x 8mm rawl bolts

460 Work description: Supply Formica post form top
Fit 500mm wide natural oak Formica post form top one side bull nose, length as specified. Fit complete with stainless steel leggs to support sections every 1.650m. Fix 2 x 40mm x 20mm meranti cleads to wall with hammer screws and fix top to cleats. Item include 2 coats paint or varnich of cleats

PLUMBING INTERIOR

471 Work description: Remove wash hand basin, complete.

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ITEM NO. SPECIFICATIONS PER ITEM.

474 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.

476 Work description: Break out / remove urinal stainless steel / porcelain

480 Work description: Install / Replace urinal valve with flush master valve

482 Work description: Install Wall mounted porcelain bowl urinal with flash master valve complete.
Wall mounted urinals shall be of white glazed fire clay or vitreous china type, each approximately 700 x 380 mm in overall size, 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.

498 Work description: Toilet pan and cistern remove complete

499 Work description: Fit toilet complete, include WC pan, cistern 9l, 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 fire clay 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 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 complies with the requirements of SABS Specification 821, and complies 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. Fix to pan with non-ferrous metal fixing bolts or plastic bolts.

506 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.

508 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 insets on the right hand side.

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ITEM NO. SPECIFICATIONS PER ITEM.

510 Work description: Fit / Replace 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.

513 Work description: Install shower door (pivot)
Supply and install pivot shower door from Kal Aluminium or Wespeco or type approved by project manager. Install according to the manufacture's specifications.

522 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.

523 Work description: Fit / replace sink trap

524 Work description: Remove sinks for scrap

525 Work description: Install / replace sink single 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.

526 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.

528 Work description: Install 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

535 Work description: Remove geyser complete including valves and pipes

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ITEM NO. SPECIFICATIONS PER ITEM.

542 Work description: Drill hole 15 to 25mm through 300mm wide wall for water pipe.
All necessary holes shall be cut in walls, floors, roofs, ceilings, etc. for pipes, brackets, etc. and any damage shall be made good in all trades, after pipes, etc. have been built in, all to the satisfaction of the Representative/Agent.

543 Work description: Drill hole through 300mm wide wall for 40-50mm PVC waste pipe.
All necessary holes shall be cut in walls, floors, roofs, ceilings, etc. for pipes, brackets, etc. and any damage shall be made good in all trades, after pipes, etc. have been built in, all to the satisfaction of the Representative/Agent.

545 Work description: Vertical or Horizontal chasing for pipes.
All necessary holes shall be cut in walls, floors, roofs, ceilings, etc. for pipes, brackets, etc. and any damage shall be made good in all trades, after pipes, etc. have been built in, all to the satisfaction of the Representative/Agent.

547 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.

550 Work description: Supply and fit in roof area or against wall multi layer water pipe 15mm
The pex aluminium multi layer pipe shall be made from flexible aluminium tubing permanently bonded to layers of durable X-Linked Polyethylene (PEX). The pipes shall be SABS approved. Pipes shall be fix to wall with right type holder bats for the type and size pipes. Pipes shall be laid in straight and level line. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them.

551 Work description: Supply and fit in roof area or against wall multi layer water pipe 20mm
The pex aluminium multi layer pipe shall be made from flexible aluminium tubing permanently bonded to layers of durable X-Linked Polyethylene (PEX). The pipes shall be SABS approved. Pipes shall be fix to wall with right type holder bats for the type and size pipes. Pipes shall be laid in straight and level line. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them.

553 Work description: Supply a water point.
Provision must be made for union couplings in strategic places. Fittings shall be approved capillary solder type fittings or and brass compression fittings, each joint being formed by cutting the pipe-ends square with a pipe cutter. For capillary fittings use only 2 mm solid core wire solder and approved self cleaning paste. Joint shall be wiped clean with a damp cloth after jointing. All necessary couplings, connectors, bends, elbows, tees and other fittings as may be required, shall be provided to supply a water point.

555 Work description: Locate building water stop valve

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556 Work description: Pipe insulation
Insulation to pipes shall consist of limpet fibre cement, sectional fibre cement covering, fibre glass insulation, mineral wool or other approved insulation including metal bands etc., as supplied by the Manufacturers, with moulded sections where required to tees, bends, etc. and fixed complete, all in accordance with Manufacturer's instructions.

557 Work description: Pipe insulation
Insulation to pipes shall consist of limpet fibre cement, sectional fibre cement covering, fibre glass insulation, mineral wool or other approved insulation including metal bands etc., as supplied by the Manufacturers, with moulded sections where required to tees, bends, etc. and fixed complete, all in accordance with Manufacturer's instructions.

558 Work description: Remove all unnecessary pipes, taps and fittings

559 Work description: Install Replace waste pipe
Work description: Install or Replace waste pipe with holder bats complete
Replace hand washbasin waste pipe with 40mm or 50mm and all other with 50mm u PVC waste and vent pipes and fittings as per (SABS 791) According to National Building Regulations (SABS 0400-1990).

CUPBOARDS / TABLE

462 Work description. Build in table with bricks and supa wood covered stainless steel table top Build 1.8m long build in table stand with bricks, plaster, tiles and manufacture angel iron frame to support suppa wood top. Item is to table stand with bricks to fit 1,80m long x 600mm wide supa wood top. Item include all the following items. Measure out for position of new side and front walls for tabel. Measurements provide are only for tender purpose. Drill holes in existing wall, fit steel dowels to every third layers of bricks, Build single brick wall with approved clay or cement bricks. Side wall 550mm wide after plaster and tiling and front wall plus minus 1600 long x 400mm high. Fill inside to 75mm below front wall with approved filling and compact. Cast concrete on top of filling to top of front wall. Plaster side and front wall expose sections to wood float finish. Manufacture rectangular frame with 40mm x 5mm angle iron. Paint frame one coat approved anti rust primer, one coat universal undercoat and two coats white gloss enamel. Fit frame to existing side and back walls with 8mm coach screws two to side walls 100mm from front and three to back wall evenly spaced.
Tile all exposed new and existing vertical walls on side and back of sink with floor tiles specified by project manager. Item include the chip and apply of key coat to existing back and side walls. All exterior corners to get rounded aluminium tile edge strips. Fit overlay stainless steel sink, apply silicone on edge to seal against side and back wall, fit white plastic cove strip between table stainless steel top and wall for neat finish between stainless steel sheet top and tiles before tiles wall above table. Wall tiles only include tiles to under sink inside area and exterior of new front and side wall. Wall tiles above and or on side of new build in table is not include in this item. All building, plaster and tile work shall be level and straight, all work shall be neat and to the satisfaction of the project manager.

Fit 50 x 75mm SA pine wood to front and side edges of supa wood board, glue and screw 50 x 75mm SA pine wood to supa wood board. Cover supa wood board with stainless steel sheet bend to cover over supa wood board and over SA pine 50 x 75 wood, at back bend up stainless steel 15mm

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ITEM NO. SPECIFICATIONS PER ITEM.

463 Work description: Cover Supa wood table top with stainless steel sheet
Provide 20mm thick supa wood sheet for top of build in table. Cut supa wood to size 1.80m x 500mm. Fit straight and smooth 75mm x 50mm wood sections glued and screwed to front and sides of Supa wood sheet. Fix Supa wood sheet to concrete top. See Sketch. Fix sheet to concrete with at lease 10 x 6mm x 90mm hammer screws counter sunk in to Supa wood sheet.
Supply stainless steel flat sheet, cut to size with guillotine and machine bend as necessary to cover build in table supa wood top 1.80m long X 600mm wide x 75mm thick. Bend down 3 sides and bend back side up. See attached sketch. All sharp edge at corners to be filesd smooth

571 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.

574 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.

576 Work description: Install single soap dish, type as specified in work list
Porcelain soap dish. Form openings in wall over bath and sink, where specified and provide and build in, in cement mortar 150 x 152mm approved white glazed earthenware soap receptacle. Soap receptacles are to be thoroughly wetted in water prior to fixing and neatly finished off with neat white cement grout.

579 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.

580 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

584 Work description: Manufacture shower bench. SHOWER BENCH MANUFACTURE
Manufacture bench from two 50mm x 50mm x 3mm mild steel angle iron, cut angle iron 45 degree mitre to make L shape bracket 300mm x 300mm long, weld corner and cut and weld 50mm x 5mm flat bar stay at 45 degree angle at 150mm to strengthen L bracket. Cut vertical ends of angle iron brackets 45 degree and grind all sharp edges smooth. Drill two holes per bracket to fit brackets with 10mm rawl bolts to wall, drill holes 70mm from top and from bottom, drill five x 6mm dia holes to fit five each slats. Paint bracket anti rust primer, universal undercoat and white gloss enamel. Fit bracket to wall with 2 each per bracket 10mm rawl bolts, fit brackets at 700mm centre. Supply and fit five each 45mm x 45mm hardwood rounded slats 800mm long. Fit slats to brackets with 6mm round head brass wood screws. Sand wood slats smooth and varnish two coats. Before fitting them. Fit bench to wall. Bench height from floor to top of slats shall be 460mm. Bench brackets shall be fitted vertical and horizontal level.

585 Work description: Manufacture bench and fit to wall
Manufacture bench from four 50mm x 50mm x 3mm mild steel angle iron, cut angle iron 45 degree mitre to make L shape bracket 300mm x 300mm long, weld corner and cut and weld 50mm x 5mm flat bar stay at 45 degree angle at 150mm to strengthen L bracket. Cut vertical ends of angle iron brackets 45 degree and grind all sharp edges smooth. Drill two holes per bracket to fit brackets with 10mm rawl bolts to wall, drill holes 70mm from top and from bottom, drill five x 6mm dia holes to fit five each slats. Paint bracket anti rust primer, universal undercoat and white gloss enamel. Fit bracket to wall with 2 each per bracket 10mm rawl bolts, fit brackets at 700mm centre. Supply and fit five each 45mm x 45mm hardwood rounded slats 800mm long. Fit slats to brackets with 6mm round head brass wood screws. Sand wood slats smooth and varnish two coats. Before fitting them. Fit bench to wall. Bench height from floor to top of slats shall be 460mm. Bench brackets shall be fitted vertical and horizontal level.

935 Work description: Manufacture shower bench 800mm long.
Manufacture bench from two 50mm x 50mm x 3mm mild steel angle iron, cut angle iron 45 degree mitre to make L shape bracket 300mm x 300mm long, weld corner and cut and weld 50mm x 5mm flat bar stay at 45 degree angle at 150mm to strengthen L bracket. Cut vertical ends of angle iron brackets 45 degree and grind all sharp edges smooth. Drill two holes per bracket to fit brackets with 10mm rawl bolts to wall, drill holes 70mm from top and from bottom, drill five x 6mm dia holes to fit five each slats. Paint bracket anti rust primer, universal undercoat and white gloss enamel. Fit bracket to wall with 2 each per bracket 10mm rawl bolts, fit brackets at 700mm centre. Supply and fit five each 45mm x 45mm hardwood rounded slats 800mm long. Fit slats to brackets with 6mm round head brass wood screws. Sand wood slats smooth and varnish two coats. Before fitting them. Fit bench to wall. Bench height from floor to top of slats shall be 460mm. Bench brackets shall be fitted vertical and horizontal level.

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936 Work description: Manufacture shower bench 800mm long.
Manufacture bench from 50mm x 50mm x 3mm mild steel angle iron frame, cut angle iron 45 degree mitre to make frame 300mm wide x 2.0m long, Fit angle iron section 300mm long in centre of frame, Fit 4 each 460mm long leges, weld corner and cut and weld 50mm x 5mm flat bar stay at 45 degree angle at 150mm to strengthen legs. Fit flat bar lugs to legs and drill hole for 8mm rawl bolt. Grind all sharp edges smooth. Drill 15 each x 6mm dia holes to fit five each slats. Paint frame anti rust primer, universal undercoat and white gloss enamel. Fit legs to floor with 4 each 8mm rawl bolts. Supply and fit five each 45mm x 45mm hardwood rounded slats 2.00m long. Fit slats to brackets with 6mm round head brass wood screws. Sand wood slats smooth and varnish two coats. Before fitting them. Fit bench to floorl. Bench height from floor to top of slats shall be 460mm. Bench brackets shall be fitted vertical and horizontal level.

ROOF

587 Work description: Replace loose screws with coach type roof screws FOR CORR IRON SHEETS.
Replace all loose screws with 75mm coach screws for corr iron. The coach screws shall be screwed into the wood purlin, using either a hand-operated speed wrench or an electrical nut runner. The screws must be screwed into the purline at an angle of 90 degree to the profile of the roofing sheet. THE SCREW MUST NOT BE HAMMERED INTO THE PURLINE. Use bond it roof washer with coach screws.
CARE MUST BE TAKEN NOT TO DAMAGE ROOF SHEETS. DO NOT OVER TIGHTEN NEW ROOF SCREWS.
N.B. Any damage to roof covering shall be repaired or replaced by the contractor at his own expense.

594 Work description: Repair hole in roof covering
Repair hole up to 50mm dia in corrugated iron roof to satisfaction of project manager with membrane and laycryl liquid water proofing.

600 Work description: Replace decay roof timber / purlin
Carefully take down the roofing sheets and ridging with out damaging them and store for re-use. Remove all the scrap purlin as specified from rafters and remove from site. Provide and fix new purlin to match existing purlin in size. Purlin shall be laid 50mm side on rafter. All expose faces shall be wrot. Purlin shall in addition to nails also be secured to rafters at each intersection with a single 3,2 mm diameter galvanized wire tie with ends twisted. Any timber delivered to site not bearing the grade and SABS marks as specified above must immediately be removed from site and no portion of any such delivery may be used for any purpose. No marking of timber on site will be permitted. Use only Pozi Grip course thread and right size for corrugated roof sheets in fastening the sheeting to the wood purlin with, screws shall be Zinc and Cadmium plated or galvanized M6 coach screws. Use only 26mm bonded roof washers. NOTE: Do not over-tighten screws. Drive screw until slight deformation
is just visible at crest of rib.

604 Work description: Remove roof sheeting from wood roof structure
Remove the corrugated sheeting complete with care as not to damage the wood purlines. Remove sheeting as scrap from site.

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ITEM NO. SPECIFICATIONS PER ITEM.

648 Work description: Remove all loose paint form roof and remove all rust form roof sheets and paint complete roof anti rust paint.
Remove all rust by mechanical or hand cleaning methods. Galvanized coating must not be removed or damaged. Rinse thoroughly with fresh water. Use new, clean broom, sweep roof covering and allow roof to dry before applying the spot primer to rusted areas. N.B. Any damage to roofing covering, shall be repaired or replaced by the contractor at his own expense. Apply 1 coats approved by project manager anti rust edge primer as per manufacturer specification. (AREA DO NOT INCLUDE ROOF SHEET PROFILE)

649 Work description: Clean underside of roof overhang
Remove all loose, chalky, flaking, peeling paint from underside of roof overhang back to a bare surface.

650 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.

651 Work description: Paint roof 2 coats Bitumen aluminium paint

The Project manager must first approved roof after cleaning before the first coat is apply and must first approved the first coat before the second coat can be applied. The roof paint shall be applied by paint shall be applied by.
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 or Plascon Bitumen aluminium paint is applied. The roof paint shall be applied by brush, the use of roller or broom is not permitted. The paint shall be apply according to the manufacturer specifications and over coat times.
EVEN IF THE PROJECT MANAGER DID APPROVED THE ROOF TO BE PAINTED AFTER THE ROOF HAD BEEN CLEANED, THE CONTRACTOR WILL STILL BE RESPONSIBLE IF THE PAINT PEEL IN THE RETENTION OR GUARANTEE PERIOD. AS THE CONTRACTOR SHALL WORK PREPARE AND APPLY THE PAINT ACCORDING TO THE MANUFACTURE SPECIFICATIONS.

FACIA/BARGE BOARDS

674 Work description: Replace facia board partly
Neatly cut facia as required, take down and remove from site. Provide and fix new facia boards to match existing.

676 Work description: Facia / Barge boards remove loose flaking paint and treat
Chalked or powdery surface must be thoroughly brushed and washed down. All loose and flaking paint must be removed. It is essential to prepare the surface prior to applying the sealer. The surface must be dry before applying the sealer. Apply a single coat bonding liquid/sealer.

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ITEM NO. SPECIFICATIONS PER ITEM.

677 Work description: Paint fascia board steel
STEEL FASCIA BOARDS: Clean from rust and dirt by scraping or by means of steel wire brush, sand completely and wipe off all sanding dust to obtain perfectly clean surface. Spot prime all exposed metal surface with an approved metal primer andapply two coats Plascon wall and all paint of Dulux wall guard paint

678 Work description: Paint Barge board steel
STEEL FASCIA BOARDS: Clean from rust and dirt by scraping or by means of steel wire brush, sand completely and wipe off all sanding dust to obtain perfectly clean surface. Spot prime all exposed metal surface with an approved metal primer andapply two coats Plascon wall and all paint of Dulux wall guard paint

GUTTERS/DOWNPIPES

684 Work description: Remove gutter and down pipe complete, including brackets.
Remove gutters brackets with care as not to damage wood sprockets

685 Work description: Fit gutter brackets
Brackets shall be in a straight line.

686 Work description: Replace gutters complete, type specified on work list.
Galvanized sheet iron gutters shall have beaded edges and shall be in lengths of not less than 5 metres, except the last portion to make up the length. The part used to make up the length shall not be less than 500mm. All the joints shall be sealed with a paint able water proof sealant and 4mm diameter x 6mm long pop rivets. SILICONE SEALER MUST NOT BE USED !!! The sealant shall be applied between the gutters. The joint shall have 3 pop rivets on sides and 3 at the bottom of the gutter. The down pipe outlets may be soldered or pop riveted to the gutter and sealed with an acrylic sealer. The size of the outlet shall allow the down pipe to press right up to the bottom of the gutter. All the joints shall be waterproofed and the gutters shall be in a straight line. Gutters shall be laid to proper falls and be provided with angles, stop ends and outlet nozzles as required. Gutters shall be fixed on galvanized mild steel brackets of sizes specified, bent to shape of gutters with front end taken up to underside of beaded edge of gutter. Each shall be screwed to roof timbers with 2 screws. Gutters shall be bolted to brackets at front with 6 mm diameter galvanized gutter bolts, one to each bracket, positioned close to underside of beaded edge of gutter. Brackets shall be spaced but distance between brackets shall not exceeding 1m.

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696 Work description: Fit/replace down pipe, complete.
Down pipes shall be fitted with all necessary offsets shoes and holder bats. Down pipes shall be fixed vertical level.

WALLS EXTERIOR

705 Work description: Cover crack with Nutex facia board
Supply Nutex facia board to cover cracks, cut board to size to cover crack, cut as necessary for purlines and or sprockets, chamfer edges of board and sand edges smooth, Fix board one side of the crack with hammer screws and use acrylic sealer as adhesive to fix board to other side of crack to wall.

707 Work description: Repair hole in wall
Repair hole in wall to match existing wall finish

724 Work description: Bat / Bird proofing.
Bat proofing to fill all holes between wall and profile of roof covering and shall be neatly finished, all cement shall be cleaned off roof covering and brick work.

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ITEM NO. SPECIFICATIONS PER ITEM.

726 Work description: Supply and fit asset number to building.
Supply white car number plate type and size sign with building asset number on. Number size shal be at lease 75mm wide. Fit next to main entrance of building.

731 Work description: Plaster wall.
Exterior plaster: Surface shall be clean and thoroughly wetted, directly, before plastering commences. Concrete surface shall be slushed 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. Where plaster must match existing plaster, plaster should not be less than 10mm and not more than 20mm thick. Plaster shall have wood float finish. Plaster must be returned into reveals and soffits of openings and all angles shall be true and straight with salient angle slightly rounded. See item for soffits and reveals. The final coat of external plaster shall be kept wet by hosing with a fine hose until it is thoroughly set. The surfaces of all plastering shall be even, true and free from breaks or tool marks except in the case of textured plaster where the surface finish shall be regular. Should any of the plaster work show signs of efflorescence, blistering, cracking, crazing, pitting, blowing, etc. or any other defect during the maintenance period, such defective work shall be made good and if necessary the wall in which it occurs shall be stripped entirely and re-plastered and the cost together with the cost of repainting, etc. necessary shall be borne by the Contractor.

733 Work description: Plaster reveals and / or soffits up to 200mm wide.
Plaster must be returned into reveals and soffits of openings and all angles shall be true and straight with salient angle slightly rounded.

737 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

739 Work description: Lay glazed wall tiles
*BEFORE TILING COMMENCE, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIX. *USE ONLY TYLON CM11 OR TAL ROFESIONAL ADHESIVE OR TYPE APROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUT 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 blemished and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with cement base adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 3mm spacers for tiles up to 250 x 200mm and 5mm for size above recommended by the tile manufacturer. Symmetrical arrangement 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 and 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 base 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. Joints width 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.

741 Work description: Fit ceramic tile edge strip
Provide tile edge trim to conceal raw tile edges. Use right size trim for tile. Cut strips into correct length allowing neat mitres joints for corners. Bed tile edge trim firmly into adhesive so that adhesive penetrates the cut out section. Place tiles on top making sure they are flush with the leading edge of the tile edge trim. Proceed with grouting as recommended by the manufacturer. No section shall be shorter than 450mm in a long straight section

743 Work description: Prepare exterior walls, smooth plaster, 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 the opening of 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. No sweeping or dusting shall be done after the wall has been prepared for painting or while painting is in progress or while paint is still wet. Allow wall to dry, completely, before any paint is applied.

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ITEM NO. SPECIFICATIONS PER ITEM.

744 Work description: Repair exterior walls brick/rough plaster finish, for painting.
Wash wall thoroughly with hot water and sugar soap in order to remove any traces of dust, fat, oil and any other dirt. The preparation of walls shall include opening of 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. No sweeping or dusting shall be done after the wall has been prepared for painting or while painting is in progress or while paint is still wet. Allow wall to dry completely before any paint is applied.

746 Work description: Remove loose paint and treat wall.
Chalked or powdery surface must be thoroughly brushed and washed down. Clean wall with high water pressure jet cleaning machine. All loose and flaking paint must be removed. It is essential to prepare the surface prior to applying the sealer. The surface must be dry before applying the sealer. Apply a single coat bonding liquid/sealer.

749 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.

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

751 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.

937 Work description: Remove with care for re use fire extinguisher box and sign to paint walls. Re fit after walls had been painted

WINDOWS EXTERIOR

761 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.

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ITEM NO. SPECIFICATIONS PER ITEM.

766 Work description: Replace windowsill
Lay damp-proof course Fibre cement window sills shall be 15mm thick, of pressed fibre cement and approved manufacture. Fibre cement window sills shall be fitted with screwed-on fixing lugs and bedded in 3:1 cement mortar. Face brick window 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. 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

768 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.

PLUMBING EXTERIOR

800 Work description: Remove and seal gulley

812 Work description: Supply and fit in or against wall multi layer water pipe 20mm
The pex aluminium multi layer pipe shall be made from flexible aluminium tubing permanently bonded to layers of durable X-Linked Polyethylene (PEX). The pipes shall be SABS approved. Pipes shall be fix to wall with right type holder bats for the type and size pipes. Pipes shall be laid in straight and level line. A proper inclination shall be maintained in fixing pipes so that no air can be lodged in them.

814 Work description: Remove water pipes as specified on work list

815 Work description: Fit brass garden tap

816 Work description: Install/replace stopcock
Stop cock shall be cobra heavy duty brass stopcock valve

818 Work description: Fit insulation to water pipes
Install 1000mm long, 15-25mm thick rigid non-combustible lightweight "Snap-on pipe insulation", of 75+kg/m³ density in plain/canvas/ waterproof foil facings, over hot and cold water pipes in roof and against exterior walls. Installation strictly according to manufacturers detail & specification.

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ITEM NO. SPECIFICATIONS PER ITEM.

938 Work description: Supply and fit 200l thermosiphon system solar geyser.
Installation to be conducted by a professional trained and registered plumber.
The solar geyser must work with heat that is transferred through the evacuated glass tubes and heats and water directly in the lose from storage tank manifold which is circulated between the tank and the manifold. The system shall be a FREEZE RESISTANT SYSTEM. The system shall includes a 200l storage tank, collector and a Geyser wise controller. The storage tank shall be mounted above the collector outside on the roof.
Geyser type shall be the Low maintenance no glycol replacement type working with copper tubes to heat water. No water in collecto tubes. Tubes shall be Cylindrical shape and shall face the sun most of the day. No water introduced in the tubes.- Tubes must replacedable individually without compromising entire system.

All warrenty document to be handed to Transnet freight rail Project manager be fore payment shall be done

COLLECTOR: The collector is an evacuated tube heat pipe collector. It consists of either sixteen or twenty double layered tubes which absorb the sun's energy. There is no water in the tubes. The heat is transferred via the heat pipe to the manifold section of the collector. The outer tube is a minimum of 2mm glass thickness and conforms to the SABS mechanical test standards making it hail and freeze resistant In the case of a new Solar Geyser, it differs from a conventional
electric geyser in that it has two additional water ports as required for connecting the solar collector. The geyser still hosts an electrical element and thermostat. Polyurethane insulation between the inner cylinder and outer casement reduces energy- and heat loss.

STORAGE TANK: • Shall have 10 Year Warranty on solar storage tanks. In the case of a new Solar Geyser, it differs from a conventional
electric geyser in that it has two additional water ports as required for connecting the solar collector. The geyser still hosts an electrical element and thermostat. Polyurethane insulation between the inner cylinder and outer casement reduces energy- and heat loss.

GEYSER MANAGEMENT CONTROLLER: This device regulates the power supply to the geyser element during preset times. The geyser electrical element acts as a backup for the solar water heating system. Although we supply the geyser element with electricity during the pre-set phases, the thermostat in the geyser will measure the water temperature, and thus determine whether the electricity supply is required or not. This ultimately reduces the time periods during which the element is using the electricity to heat the water, thus resulting in savings. The conventional geyser thermostat is replaced with an electronic thermostat. The control unit is installed in an area that is easily accessible and enables the home owner to regulate the water temperatures and electricity usage to the geyser.

PAINT PIPES/STEEL/STRUCTURE

820 Work description: Paint pipes against wall 15 to 120mm DIA.
Remove all loose and defective paint, sand and wipe off all sanding dust with damp cloth. Apply 1 coat universal undercoat and 2 coats Dulux pearglo paint

DOOR GARAGE/STEEL

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ITEM NO. SPECIFICATIONS PER ITEM.

855 Work description: Supply and fit roller shutter door complete
Doors must comply to the following manufacturer specifications and quality. HYDRO COROMA, ROLL-UP or SERRANDA.
Doors to be galvanized mild steel. The operating mechanism must be mechanically by an endless chain. The operating mechanism must be on the left side, viewed from inside looking out. Contractor to measure on site for the manufacturing of steel roller shutter doors. The curtain slats to be galvanized mild steel. The slats thickness shall be at lease 1mm, the guides and bottom rail shall be galvanized. The operating mechanism shall be as specified on work list, each door shall be fitted with a handle and lock.

CONCRETE SLABS/PAVING

870 Work description: Break up concrete slab 75mm to 100mm thick
Demolish and remove all debris from site

CONCRETE SLABS/PAVING

874 Work description: Provide concrete apron/slab 80mm 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.

SITE SAFETY/CLEANING/CUT TREE/RUBBLE

928 Work description: Cut back tree branches overhanging roof
All equipment and machinery that will be used in the execution of the contract shall comply with the safety standards as required in Act 85 of 1993 and all amendments and all regulations to the Act. Personnel shall have all the necessary safety equipment at all times in their possession and shall use it. The contractor shall repair and make good any damage to buildings, fences and any other property to the satisfaction of the representative. The Contractor shall remove and dispose of all the branch and rubbish that may accumulate on the site. After completion the contractor shall leave the site in a clean and tidy condition.

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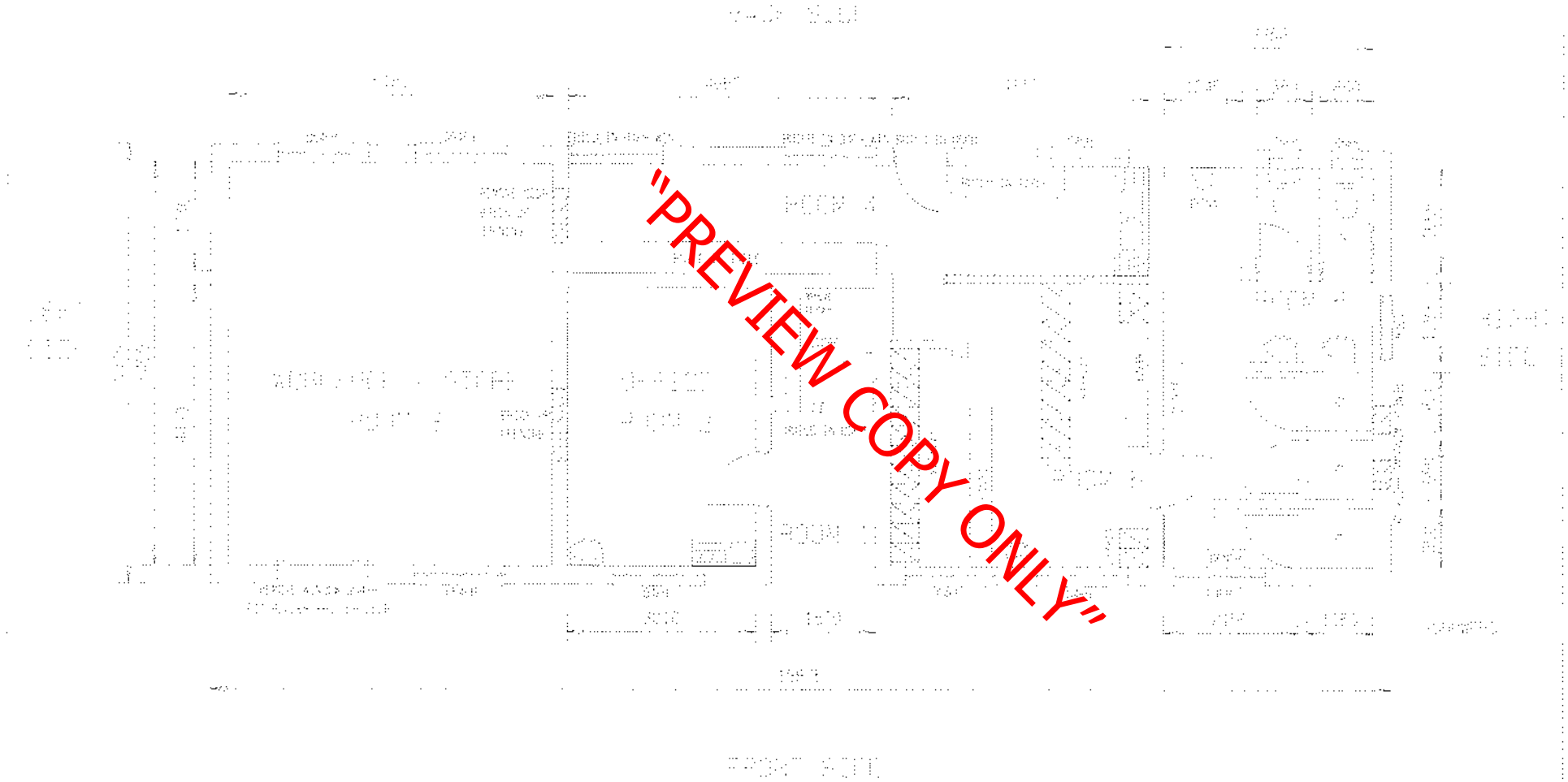

02AB049B

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02AB049B

ANNEXURE B

TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: Office, store, mess and ablution for RME

CITY / TOWN: Bethlehem

TENDER NO: ASSET NO: 02AB049B

WORK DESCRIPTION: Complete maintenance to building and small alterations

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 [ ]

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
	CEILINGS				
1	Repair hole in gypsum/nutec ceiling were pipes went throuth ceiling or holes up to 75mm diameter. (Read all the attached specifications)	1	EA		
4	Replace gypsum ceiling panel complete. Install ceiling panel to match existing ceiling panel size and finish. Item exnclude cornice and or cover strips but include spot prime nails/screws. Paint complete panel primer.	6	M^2		

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

SUB TOTAL PAGE 2

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
6	Break out gypsum/nutec ceiling complete include brandering and remove all rubble from site (Allow for register electrician to remove all light fittings and make wires save for carpenter to remove ceiling)	8	M^2		
7	Install gypsum board 6.4mm ceiling boards, item include brandering and H profile strips or coverstrips as specified, but item exclude cornice. See attacehd specifications per item for brandering size table acording to truss spacing.	8	M^2		
12	Fit additional 114mm x 38mm beams between trusses if trusses to strengten trusses for solar geysers as show on site by project manager. Allow for 20 each 8mm dia x 100mm long bolts with 40 each washers to bolt beams to existing beams	24	M		
15	Install trap door complete, item include frame work and lid manufactured from 3,2mm hardboard with a 38mm x 38mm branding frame. paint lid one coat primer, universal undercoat and white egg shell enamel (see attached specification for detail)	1	EA		
16	Fix loose cover strips	9	M		
17	Replace cover strip to match existing cover strips, new section shall not be shorter than 500mm, if necessary cut back existing section to make space for ne section of 500mm	6	M		
19	Repair holes in cornice up to 30mm diameter where pipe or cable was removed	15	EA		
20	Fix loose cornice back in position	8	M		
21	Replace cornice partly to match existing cornice (specify type)	5	M		
23	Seal gap between Cornish and wall with paint able acrylic sealer after wall and ceiling has been washed	95	M		
24	Install 76mm rhino cove cornice complete. all inside corners shall be scriped joints, all exterior corners shall be mitre joints and all joints in straight sections shall be mitre joints.	13	M		
26	Fit supa wood skirting and quarter rounds as cornice, fit supa wood skirting to wall and quarter rounds against skirting and ceiling panel, no section of skirting or quarter rounds shall be shorter than 450mm.	9	M		
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.	119	M^2		
39	Remove loose paint from ceiling, clean area and treat area with bonding liquid (see attached specification)	5	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)	15	M^2		
42	Paint ceiling 2 coats super acrylic PVA. apply paint only after preparation as per attached specification.	119	M^2		
43	Paint ceiling complete 1 coat universal undercoat	56	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	218	M^2		

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SUB TOTAL PAGE 3

TENDER NO:

ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
59	Prepare wall for painting, wash brick/rough plaster walls with sugar soap, open up cracks to 4mm with sharp object, fill crack and all hole, sand level and sand wall complete to provide bond for new paint, rinse with clean water to remove sanding dust	54	M^2		
60	Remove loose paint and treat area with Plascon or Dulux bonding liquid for oil based paints. (see attached specification)	6	M^2		
61	Repair dampness in wall, apply approved damp seal product (please read the attached specifications) (see attached paint specification)	6	M^2		
62	Paint new plaster walls, 1 coat plaster primer (test wall for moisture before painting new plaster, cover section with plastic sheet to test). allow paint to dry overnight, primer must be over coated within 14 days. (see attached specification)	43	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.	218	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	218	M^2		
69	Paint brick wall or type wall surface needed to be painted by brush 2 coats Dulux wash 'n wear or Plascon double velvet paint after all preparations as specified was done (see attached paint specification) colour: barely beige code 3H1-1	55	M^2		
70	Paint brick wall or type wall surface needed to be painted by brush 1 coat undercoat after all preparations as specified was done (see attached paint specification)	55	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	64	M^2		
77	Remove glazed wall tiles complete from plaster or brick wall with all adhesive from wall.	14	M^2		
79	Lay 1st grade 200 x 200mm white ceramic glazed wall tiles. Use 3mm spacers. Item include walls, reveals, soffits, sills and the top of shower walls. Use white grout. Use only Tylon wb11 adhesive or adhesive approved by project manager	91	M^2		
81	Extra over item to the tiling of walls. mix tile grout in shower area or permanent wet areas with Tylon bond it instead of water. this makes the grout water proof.	18	M^2		
82	Extra over item to tile ceramic wall tiles with flex adhesive over crack in wall. item do not include tiles only difference in adhesive price (use item to tile over cracks usual above corner at doorframes or window frames	2	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.	1	EA		
84	Fit white round plastic tile edge strip for ceramic wall tiles. all corners shall be neat mitre joints, no section shall be shorter than 450mm in a long straight section	57	M		
85	Fit white plastic cove edge strip to ceramic tiles to finish joints between tiles and sink / bath. all corners shall have neatly mitred joints (no piece shall be shorter than 450mm in a long straight section)	2	M		

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SUB TOTAL PAGE 4

TENDER NO:

ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
86	Use silicone sealer as tile joint to allow for movement in expansion joints with ceramic wall tiles in all corners and at maximum every 4.0m. (tiles should be installed providing for adequate movement joints) see attached specifications	3	M		
89	Make new opening in existing wall 220 to 280mm brick wall to size for new door frame 950mm x 2.10m and fit lintels. form seating in wall for lintels 225mm on both sides. build in of lintels is included in item and the remove of all rubble from site.	1	JOB		
90	Demolish 110mm brick walls, any type of brick wall, remove all rubble from site to an approved dumping site. please read all the attached specifications	15	M^2		
92	Repair hole up to 150mm x 150mm in brick wall and finish to match existing brick or plaster finish	2	EA		
95	Lay damp proof course. 110 mm wide x 375 micron	12	M		
96	Lay damp proof course 220 mm wide x 375 micron	2	M		
97	Drill holes in wall and insert 6mm x 250mm steel dowels to join new wall to existing walls, insert steel dowels. every 4 layers of bricks	90	EA		
98	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. toothings 114mm deep. item includes the re-plastering of the toothed areas	9	M		
102	Place precast lintel in position on concrete floor to build 110mm single brick wall on top of existing floor. bed lintel level on mortar mix of one part cement and 3 parts building sand. item include necessary measuring out work for new walls	11	M		
103	Place in position 100mm precast concrete lintel above doorframe, window frame or opening when building new wall (for 220mm wall x 2 distance)	2	M		
104	Build up openings in 110mm stock brick wall, where doors and windows are removed as per attached specifications (item does not include toothing, see item for toothing per meter)	2	M^2		
105	Build up openings in 220mm up to 280mm cavity stock brick wall, where doors and windows were removed as per attached specifications (item does not include toothing, see item for toothing per meter)	3	M^2		
106	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)	28	M^2		
109	Build 220mm up to 280mm cavity stock brick and semi face brick wall with approved bricks stock and semi face bricks to match exterior bricks. item include brick force every 4 layers. (mix for building 1 part cement and 4 parts approved building sand)	3	M^3		
110	Repair plaster patch, item includes neat cutting of perimeter. remove damaged section of plaster and re plaster area to match existing plaster finish	2	M^2		
112	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)	70	M^2		

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SUB TOTAL PAGE 5

TENDER NO:

ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
114	Item extra over to plaster, plaster reveals and soffits up to 300mm wide (reveal of wall is the side of openings which is at right angle to the general face of the wall, soffits area is the top horizontal area of openings (lintel section)	16	M		
117	Use a topping mix consisting of 1 part cement and 3 parts clean, coarse sand, to form a 45 degree angle on top of shower walls	6	M		
124	Fit 75mm x 75mm stainless steel corner protector to wall corner and fix neatly counter head screws and silicone to wall	4	M		
138	Manufacture and fit 25mm square tubing burglar bar frame with 12mm dia round steel bars vertically, spaced 100mm and horizontal 300mm. size 1.0m wide x 1.0m high. Paint bars 1 coat steel primer.	1	JOB		
933	Make new opening in existing wall 220 to 280mm brick wall to size for D54FH window frame 1.51m x 1.51m and fit lintels, form seating in wall for lintels 225mm on both sides. build in of lintels is included in item and the remove of all rubble from site.	1	JOB		
934	Remove existing window from wall. break wall 280mm wide to floor level 1.0 x 1.5m for new roll up door. Fit lintels, form seating in wall for lintels 225mm on both sides, build in of lintels is included in item and the remove of all rubble from site.	1	JOB		
	WINDOWS INTERIOR				
130	Fit or replace window handle. apply lock tight or similar product to screws chrome plated handle	4	EA		
133	Fit or replace window sliding stay. apply lock tight or similar product to screws chrome plated stay	10	EA		
135	Fit or replace window peg stay. apply lock tight or similar product to screws chrome plated stay	12	EA		
139	Manufacture and fit burglar bars 25mm square tubing frame with 12mm dia round steel bars vertical spaced 100mm and horizontal 300mm. Size 1.50m X 1.50m paint bars 1 coat steel primer.	2	JOB		
146	Remove pelmit. fill holes and sand to smooth and level finish with wall	4	EA		
153	Window sill, remove quarry tiles / ceramic tiles from sill and clean. from window sill and clean area ready to receive new finish as specified	10	M		
156	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.	3	M^2		
157	Tile window sill with ceramic floor tiles, tile sill and tile 80mm wide against wall, fit plastic tile edge strip to finished edge between wall tiles and sill tiles (specify tiles for sill) 200mm wide	7	M		
161	Install vertical blinds complete with new rail with approved type blinds. size 1500mm wide x 1500mm drop. colour plain fawn. measured for "recess " fit. rail anodized alumium. Read attached spec !!	1	EA		
162	Install / replace vertical blinds complete with new rail with approved type blinds. size 1000mm wide x 1000mm drop. colour plain fawn. measured for " recess " fit. Rail anodized aluminium. Read attached spec	1	EA		

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SUB TOTAL PAGE 6

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
932	Paint window panes complete. Clean window panes by washing with detergend and then rinse with clean water. Apply one coat universal under coat white and one coat white PVA paint to panes	7	M^2		
	WINDOWS INT AND EXT				
184	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	11	EA		
189	Fit window panes clear to new window frame, size up to 300mm x 450mm x ?mm thick as per attached specification. Area up to 0.75m^2 use 3mm.	15	EA		
194	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	14	EA		
198	Repair window opener that is hinge bound, bend hinges to ensure window close properly and easy after window frame has been painted (each = 1 window opener)	15	EA		
199	Remove all thick paint at hinges and around frame rebate to ensure window close easy, window shall close easy and properly after window frame has been painted. item include paint of 1 coat steel primer to bare metal sections	18	M		
202	Remove all rust from steel window frame profile section with hand or mechanically, all thick and scale rust must be removed, then use 60 grid sandpaper and steel brush, wash clean, let dry, apply approved rust converter (see attached specification)	3	M		
204	Paint residential small pane type window frame complete, with 1 coat universal undercoat and 1 coat Dulux pearlglo White. Item includes removing all old paint from glass area and cleaning of glass. See detailed specifications	21	M^2		
215	Paint burglar bars square tubing frame and 10-12mm diameter round bar 1 coat universal undercoat and 1 coat Dulux pearlglo (m^2 = whole window opening covered by the burglar bars) (see attached detail specification)	21	M^2		
216	Break out window frame complete include interior and exterior window sills up to 280mm wide wall	3	M^2		
219	Build in new window frame D54FH in new opening in brick wall, breaking opening in wall not include in item, measure at walls items	1	EA		
	DOORS/SECURITY GATES				
235	Fit or replace bow door handle. fit only type with 4 screw holes	2	EA		
236	Fit barrel bolt 150mm long heavy duty black type	2	EA		
241	Fit or replace standard round rubber type door stop	9	EA		
250	Remove rim lock from door and repair hole/close holes to the satisfaction of the project manager	6	EA		
252	Plane door on sides, item includes removing and refitting of door as necessary to plane bottom, top or sides where door catches against door frame or floor, see attached specifications for clearances	4	EA		

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SUB TOTAL PAGE 7

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
258	Replace mortice lock with sabs approved 2 lever mortice lock with 3 keys. if more than 1 lock to be replaced, keys shall not be interchangeable. sabs mark shall be stamped on lock. see attached detail specifications	1	EA		
259	Fit 2 lever sabs approved mortice lock with new handles and 3 keys to new door. if more than 1 lock to be installed keys shall not be interchangeable. sabs mark shall be stamped on lock. see attached detail specifications	4	EA		
260	Replace mortice lock with sabs approved 3 lever mortice lock with 3 keys. If more than 1 lock to be replaced keys shall not be interchangeable. Sabs mark shall be on lock.	1	EA		
261	Fit 3 lever sabs approved mortice lock with new handles and 3 keys to new door. If more than 1 lock to be install keys shall not be interchangeable. Sabs mark shall be on lock.	1	EA		
267	Replace night latch with sabs approved lock with 3 keys. sabs mark shall be on lock.	1	EA		
273	Fit / replace masonite/hardboard faced flush panel door and paint door complete 1 coat wood primer, include bottom, sides and top edges, clearance to frame and floor as specified in attached specifications	1	EA		
277	FIT VITREX STANDARD SIZE 750mm WIDE X 1800mm HIGH DOOR TO SHOWER DRESSING CUBICLE. Fix door hinges to ceramic tiled wall. Item include hinges and indicator bolt, bow door handle and all necessary components to fit door as per specification	1	EA		
280	Fit SA Pine FL and B door. Clearance to frame and floor as specified in attached specifications. Close back of SA Pine door with 3.1mm thick tember hardbaord. Cut to size, shamfer edges and fix by meaning of pannel pins, glue and screw harboard to door	2	EA		
281	Fit meranti flash back door. Clearance to frame and floor as specified in attached specifications	1	EA		
285	Paint door complete both sides, side edges, top edge undercoat and 2 coats Dulux pearglo river rock code 6j1-7. Do preparation before painting per spec. Door 810mmx2.03m=3.66m 2. 75mmx2.03m=3.42m2. Item include remove before paint and refit of handles	32	M^2		
298	Repair security gate, Top hinge of gate has broken off, lin up gate lock pin with hole in frame and re weld hinge, oil hinge after gate had been painted	1	JOB		
300	Remove existing security with care at opening to room 4 for re-use. modify size as necessary to fit at new entrance door to room 4	1	JOB		
301	Security gate and fix section, prepare for painting, spot prime, paint 1 coat universal undercoat and 1 coat white gloss enamel. gate, square tubing outer frame. 25mm square tubing gate frame and 12mm dia round bars. Paint complete	6	M^2		
	DOORFRAMES				
312	Break out doorframe wood with fan light complete from brick wall	2	EA		
318	Break out wood or steel door frame for scrap and remove from site	1	EA		

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SUB TOTAL PAGE 8

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
319	Install single 110mm wide steel door frame in new opening door frame metal shall be at least 1.2mm thick. read all the attached specifications. (breaking of opening in wall and build in of lintels not included in item see separate item at walls)	3	EA		
321	Build in single 110mm wide steel door frame into new wall. Item is to place frame in position, to secure in vertical and horizontal plum position and to fit at least two stays spaced on inside doorframe. Frame metal shall be at least 1.2mm thick.	1	EA		
327	Paint door frame 1 coat undercoat and 2 coats Dulux pearlglo White. single steel frame. 115mm=1.150m2. single 230mm=1.750m2. double 1511mm x 115mm=1.29 m2. double 1511mm x 230mm=1.96 m2. Do preparation as per specification	7	M^2		
328	Paint door frame with fan light, undercoat and 2 coats Dulux pearlglo White. item includes the paint of fan light window. single frame.115mm=1.85m2. 230mm=2.50m2. double frame 1511mmx115mm =2.1 m2. 230mm=3.00 m2. preparation included	1	M^2		
	FLOORS				
345	Fit 25mm wide x 3mm thick brass weather strips in concrete floor at threshold (fit just on inside of door in concrete floor/topping to prevent water from entering between floor and door)	2	M		
355	Remove vinyl sheeting complete and clean floor from all adhesive	108	M^2		
371	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)	83	M^2		
373	Lay 1st grade full body JohnsonTecnica 3333N 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	83	M^2		
376	Fit aluminium heavy duty L floor tile edge strip where treshold and floor join at door entrance. All section shall be one long straight length. No joints of sections shall be allowed. Note that treshold must be at least 10mm lower than floor	10	M		
377	Provide expansion joints for tiles. clean joint of all adhesive. leave adhesive to dry. fill joint with grey silicone sealer (tiles should be installed providing for adequate movement joints) read attached detailed specifications	12	M		
395	Remove wooden skirting and quarter rounds, completely	33	M		
404	Fit ceramic tile skirting,100mm wide, complete with plastic ceramic tile edge strip on top edge of tiles. item include the chip of 80% of wall area for the tile skirting and to apply key coat to chipped wall area 100mm wide. use tiles as per floor tiles	61	M		
405	Lay ceramic tile skirting 100mm wide, with out tile edge strip on top edge of tiles, item include the chip of 80% of wall area for the tile skirting and to apply key coat to chipped wall area 100mm wide. use tiles as specified for floor tiles	41	M		
411	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.	3	EA		
412	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	3	M^2		

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SUB TOTAL PAGE 9

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
418	Break out 125 to 150 mm thick concrete surface bed and remove all rubble from site to approved dumping site.	7	M^2		
419	Cast 80 mm concrete floor (concrete mix as per specification on bag for medium strong (20mpa) concrete) concrete for small area can be mixed by hand	6	M^2		
	CUPBOARDS / TABLE				
453	Remove sink cupboard wood / steel complete for scrap complete with trap and waste pipe. Repair waste pipe hole in wall	1	JOB		
455	Fit 900mm sink cabinet manufactured from melamine supa wood. Supply cupboard with 2 doors, shelf, standard 2 screw handles and hinges. Item does not include sink	1	EA		
457	Sink, build 1.5m long double sink stand with bricks, plaster, tiles and manufacture of angel iron frame to support sink. All item is include to build, tile and manufacture frame, but exclude sink. See attached specification for detail	1	JOB		
460	Fit 500mm wide natural oak Formica post form top one side bull nose, length as specified. Fit complete with stainless steel leggs to support sections every 1.650m. Fix 2 x 40mm x 20mm meranti cleads to wall with hammer screws and fix top to cleats.	5	M		
	PLUMBING INTERIOR				
471	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.	3	EA		
474	Install approved type porcelain wash hand basin, 2 cobra heavy pattern pillar taps with star handle, 2 braided flex connecters, chrome plated brass outlet, chain, plug and rubber trap (install basin 800mm high from floor to front top edge of basin)	3	JOB		
476	Break remove bowl type urinal stainless steel complete with waste pipes and repair as necessary all holes in wall	1	EA		
480	Fit cobra watertech exposed fj6.000 flush master valve for urinal or concealed cobra watertech flush master valve for urinal complete with push button pushrod (delete type not applicable)	1	EA		
482	Install small type porcelain bowl urinal with grate outlet for urinals, white plastic bottle trap complete (install urinal 650mm from floor level to front top edge of urinal) item does not include the flush master valve	1	EA		
498	Remove toilet pan and cistern complete, item do not include pipes	2	EA		
499	Fit toilet complete, include wc pan, 9 litre porcelain cistern, cobra angle valve, flex connector and heavy duty plastic seat (not close couple).	2	EA		
506	Install shower outlet, fit brass p trap/plastic with chrome plated outlet and PVC waste pipe complete to outside of building include all necessary fittings	3	EA		
508	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)	6	EA		
510	Fit shower rose with swivel type complete with cobra brass chrome plated extension pipe with cover plate	3	EA		

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SUB TOTAL PAGE 10

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
513	Install kal/wespeco or approved pivot 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. Size 950mm wide	3	EA		
522	Fit / replace sink taps 15 mm with cobra heavy pattern bib taps with star handle and chrome plated brass extension pipe	6	EA		
523	Fit sink trap single sink	1	EA		
524	Fit sink trap double sink	1	JOB		
525	Replace sink only single bowl. item exclude cabinet. fit 900mm long x 500mm wide single bowl overlay stainless steel sink. complete with chrome plated brass outlet with plug. (read attached detail specifications)	1	EA		
526	Fit / Replace sink only double bowl. item exclude cabinet. fit 1500mm long x 530mm wide double bowl overlay stainless steel sink. complete with chrome plated brass outlet with plug. (read attached detail specifications)	1	EA		
528	Install heavy duty cobra brand chrome plated brass stopcock 20 mm (or specify other type)		EA		
535	Remove geyser complete include valves and pipes	1	JOB		
542	Drill 15 to 25 mm dia holes through wall up to 300 mm thick for water pipe and make good	6	EA		
543	Drill 40mm to 60mm holes through wall up to 300 mm thick for PVC waste pipe and make good	8	EA		
545	Vertical or horizontal chasing for pipes up to 25mm wide x 50mm deep. make good after pipes installation has been completed. repair to match wall finish.	24	M		
547	Install water pipes 15mm class 2 copper pipes 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).	29	M		
550	Lay pex-aluminium multi layer sabs approved water pipe 15mm dia. in roof area or against wall. pipes against wall fix with holder bats spaced not more than 1.0m apart. item exclude fittings item to supply water point cover the fittings.	30	M		
551	Lay pex-aluminium multi layer sabs approved water pipe 22mm dia. in roof area or against wall. pipes against wall fix with holder bats spaced not more than 1.0m apart. item exclude fittings item to supply water point cover the fittings.	18	M		
553	Fit a water point class 2 copper pipe. item include as necessary 15mm and or 22mm capillary or compression fittings. this is to supply all materials and labour to bring the necessary water to the basin. shower. cistern or sink. but excludes the pipe work	22	EA		
555	Give tariff per hour to locate building stop valve in conjunction with client if necessary	1	HOUR		
556	Fit pipe insulation to 15 or 20mm water pipes in roof. strap insulation at ends and at lease every 400mm with cable ties	30	M		
557	Fit pipe insulation to 25mm water pipes in roof. strap insulation at ends and at lease every 400mm with cable ties	20	M		

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 SUB TOTAL PAGE 11

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
558	Remove all surface fitted water pipes complete with all taps, connectors, holderbats as scrap. Repair pipe holes and holderbats holes in wall wall as necessary	4	JOB		
559	Install/replace PVC waste pipe, item include all necessary fittings from basin to gulley, all bends and junctions shall be of access type	17	M		
	CUPBOARDS / TABLE				
462	Table build in 1.8m long table x 500mm wide with bricks, plaster, tiles, fill and cast concrete shelf slab. Fit 40mm angle iron frame with centre suport for supa wood top.	1	JOB		
463	Fit Supa wood top cover with stainless steel flat sheet 0.8mm thick, cut with guillotine and machine bend as necessary to cover build in table supa wood top 1.80m long X 500mm wide x 75mm thick. Bend down 3 sides and bend back side up. See attached spec	1	JOB		
571	Fit mirror 350mm x 450mm fix with two sided tape and mirror adhesive	3	EA		
574	Fit toilet paper holder white lockable paper dispenser type holding 2 or 3 rolls	2	EA		
576	Fit soap dish build in porcelain/ chrome plated type fit on to tiles (for shower fit 1250mm height from shower floor)	3	EA		
579	Fit or replace hat and coat hooks, use only heavy duty chrome plated type that is approved by project manager	1	EA		
580	Fit/replace chrome plated coat hook to wall at position as shown on site by project manager	4	EA		
584	Manufacture and fit shower bench, frame made from 2 mild steel 50 x 50 x 3mm angle iron L shape bracket 300 x 300mm. Paint brackets 3 coats. Fit with 2 each per bracket 10mm rawl bolts to wall fit 5 each hardwood angle rounded 45 x 45mm slats 500mm long.	1	JOB		
585	Manufacture and fit bench. Frame made from 4 mild steel 50 x 50 x 3mm angle iron L shape bracket 300 x 300mm. Paint brackets 3 coats. Fit with 2 each per bracket 10mm rawl bolts to wall fit 5 each hardwood angle rounded 45 x 45mm slats 2.00m long.	1	EA		
935	Manufacture and fit shower bench, frame made from 2 mild steel 50 x 50 x 3mm angle iron L shape bracket 300 x 300mm. Paint brackets 3 coats. Fit with 2 each per bracket 10mm rawl bolts to wall fit 5 each hardwood angle rounded 45 x 45mm slats 800mm long.	1	EA		
936	Manufacture and fit bench. Frame made from 50mm x 50mm x 3mm angle iron frame 300mm wide x 2.0m long. Paint 3 coats. Fit 4 each 50 x 50mm x 3mm legs 460mm long, fix legs with 8mm rawl bolts to floor fit 5 each hardwood angle rounded 45 x 45mm slats	1	EA		
	ROOF				
587	Replace loose roof screws with 75 mm coach type roof screws for corr iron with bond it washer. do not over tighten new roof screws. n.b. any damage to roof sheets shall be repaired, or sheets shall be replaced by the contractor at his own expense.	770	EA		
594	Repair hole up to 50mm dia in corrugated iron roof to satisfaction of project manager with membrane and laycryl liquid water proofing	1	M		

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 SUB TOTAL PAGE 12

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
600	Replace decay roof timber purlin (size 75mm x 50mm) item include, remove and refit of roof sheets, the sheets shall be mark/numbered to fit back in same position. Use new roof screws as specified, wrot expose faces of purlin	80	M		
604	Remove corr/IBR roof sheeting include ridge capping from wood/steel purlines and from site as scrap. Remove with care not damage, purlines to be re-used for new roof sheeting. Take special care and use walking boards on sections that is rusted. Sheet 4.90	60	M^2		
648	Remove all loose paint from roof, sand rusted areas on roof to remove all rust, wash roof, supply and apply 1 coat Dulux waterbase steel etch primer. Paint primer to all rusted sections on corr iron roof or galvo grip to new replaced sheets	190	M^2		
649	Clean under side of roof overhang, remove all loose paint, galvanized coating must not be damaged	38	M^2		
650	Paint roof corr iron 2 coats, white Dulux roof guard 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	190	M^2		
651	Do preparations as specified and paint under roof section between roof edge and facia board one coat unti rust primer and 2 coat white roof paint	4	M^2		
	FACIA/BARGE BOARDS				
674	Remove steel fascia board sections as necessary with care for re-use, re-fit after decay purlines had been replaced with new purlines	40	M		
676	Remove loose and flaking paint from facia and barge boards complete and wash rinse clean water	2	M^2		
677	Paint facia board steel 2 coats Plascon wall and all paint or with Dulux white roof guard paint (paint only front side) apply paint only after preparation as per attached specification has been done	10	M^2		
678	Paint barge board steel 2 coats Plascon wall and all paint or with Dulux white roof guard paint (paint only the front and to side of the barge board) apply paint only after preparation as per attaché specification had been done	6	M^2		
	GUTTERS/DOWNPIPES				
684	Remove gutters complete with brackets, one down pipes front and one down pipe at back, remaove complete with down pipe holder bats, item include the fill of down pipe holder bat holes in wall with cement	14	M		
685	Fit gutter brackets for square galvanised gutters	16	EA		
686	Fit galvanised square gutters 100 x 75mm complete, include 6 stop ends and 3 down pipe outlets. All work and material shall comply to attached specification. Note!!: silicone sealer must not be used as joints.	13	M		
696	Fit square down pipe 100mm x 75mm to match square gutters, complete item includes one offset and one shoe up to 4.50m long for inland and PVC or fibre cement gutter down pipe for coastal area (price is on 100x75mm square)	3	EA		
	WALLS EXTERIOR				

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SUB TOTAL PAGE 13

TENDER NO:

ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
705	Supply Nutex board ceiling board up to 900 x 450mm to cover cracks. cut board to size cover crack, chamfer edges. use acrylic sealer as adhesive to fix board to wall, use steel nails as necessary to keep in position until sealer used as adhesive is dry.	4	M		
707	Repair hole in wall up to 75mm dia	1	EA		
724	Do bat/bird proofing (fill all holes between roof covering and wall to prevent bat/bird to enter roof. finish neat and smooth. clean all excess cement from roof covering and wall.	9	M		
726	Supply and fit asset number to building. Supply white car number plate type and size sign with building asset number on. Number size shat be at lease 75mm wide. Fit next to main entrance of building.	1	EA		
731	Plaster exterior wall +- 15mm thick one coat wood float finish. 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)	10	M		
733	Item extra over to plaster. plaster reveals and soffits up to 300mm wide (reveal of wall is the side of openings witch is at right angle of the general face of the wall. soffits area is the top horizontal area of openings (lintel section)	11	M		
737	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	25	M^2		
739	Lay 1st grade ceramic glazed wall/floor tiles as per sample, use 5mm spacers. item include walls, reveals, soffits, sills. use only Tylon cm11 or tal professional adhesive and Tylon Tal grout (Estimate base on tiles at R 85.00 per m^2)	25	M^2		
741	Fit ceramic aluminium square/round heavy duty tile edge strip for ceramic wall tiles, all corners shall be neat mitre joints, no section shall be shorter than 450mm in a long straight section	8	M		
743	Prepare walls for painting. wash smooth plaster walls with sugar soap. open up fine cracks with sharp object, fill crack and all hole, sand level and sand wall complete to provide bond for new paint. rinse with clean water to remove all sanding dust	42	M^2		
744	Prepare wall for painting. wash brick/rough plaster walls with sugar soap. open up fine cracks with sharp object. fill cracks and all holes. sand wall complete to provide bond for new paint and rinse with clean water to remove all sanding dust	88	M^2		
746	Remove loose, flaking and powdery paint. wash wall with high water pressure jet cleaner machine. allow t wall to dry completely and treat wall with Alcolin Permo Bond	12	M^2		
749	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 River rock code 6j1-7.	42	M^2		
750	Paint new exterior plaster finish walls with 1 coats Dulux wall guard paint o after all preparations as specified was done (see attached specification). Colour: Dulux River rock code 6J1-7.	10	M^2		
751	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: River rock code 6j1-7.	88	M^2		

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 SUB TOTAL PAGE 14

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
937	Remove with care for re use fire extinguisher box and sign to paint walls. Re fit after walls had been painted	1	JOB		
	WINDOWS EXTERIOR				
761	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.	42	M		
766	Provide brick on edge window sill include damp proofing to match existing sills	2	M		
768	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	5	M^2		
	PLUMBING EXTERIOR				
800	Remove gulley complete. seal and fill with concrete to match level and finish of existing concrete	1	JOB		
812	Lay white pex-aluminium multi layer sabs approved water pipe 20mm dia. fit pipes against wall and fix with holder bats spaced not more than 1.0m apart. item exclude fittings item to supply water point cover the fittings	12	M		
814	Remove all unnecessary water and waste pipes and taps as specified	1	JOB		
815	Fit or replace brass garden type tap, item exclude pipe work and fittings	1	EA		
816	Provide 20mm heavy duty cobra stopcock valve in building main supply line in ground and or against wall item include excavations, back fill and all necessary plumbing fittings to fit stopcock into existing 20mm water line	1	EA		
818	Fit insulation to water pipes	6	M		
938	Supply and fit 200l thermosiphon system solar geyser Tasol type or summilar aproved type, the system collector shall be separate from the storage tank. install complete with all water connection to and from geyser with all valves to SANS standard	2	JOB		
	PAINT PIPES/STEEL/STRUCTURE				
820	Paint pipes 15 to 120mm dia. pipes against wall painted different colour as wall or with different paint, paint 1 coat undercoat and 2 coats white water base Dulux pearlglo. apply paint only after preparation as per attached specification has been done	5	M^2		
	DOOR GARAGE/STEEL				
855	Install spring operated galvanized roller shutter door complete with locking mechanism fitted on inside of room 3.	1	EA		
	CONCRETE SLABS/PAVING				
870	Break up concrete slab 75 - 100 mm thick and remove all rubble from site to approved dumping site	2	M^2		
	CONCRETE SLABS/PAVING				
874	Cast concrete apron slab 120 mm thick. item include preparation to area. Hand mix concrete on site if small quantity is require. concrete shall be mixed on hard surface. Concrete shall be 25mpa. all work and material to comply with attached specification	2	M^2		
	SITE SAFETY/CLEANING/CUT TREE/RUBBLE				

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SUB TOTAL PAGE 15

TENDER NO: ASSET NO: 02AB049B

ITEM NO	FAULT DISCRIPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
928	Cut all tree branches of tree over hanging roof or is closer than 1.5m from building back and remove from site	2	JOB		

TOTAL PAGE 1 TO PAGE 15 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.

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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 tender form. The amount must also be written in words on the Tender Form.

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

TRANSNET

SPECIFICATION

For the upgrade of all lighting and power points for RME offices located in Bethlehem Asset number 02AB49B

1. SPECIFICATION:

This specification includes but is not limited to the removal of all existing lighting and power point circuit wiring and fixtures, the supply and installation of new wiring and fittings, connection and testing of all circuits complete. All work in the specification must be carried out strictly according to local and national regulations for electrical installations SANS 10142-1.

2. General

All lighting circuits to be fed from new 10A Main circuit breakers (MCB's) and power points from new 20A MCB's.

Contractor to determine the kA fault level current rating to be used for the selection of the correct MCB's.

All material in the installation must be SABS approved.

All plug circuits to be fed by 2.5mm^2 wiring, all lighting circuits with 1.5mm^2 wiring.

All fluorescent fittings to be of electronic ballast type. (Osram)

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3 ROOM 1

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install new light switch at entrance door flush mounted.

Contractor to supply and install one single fluorescent fitting as indicated.

4 Store

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install new light switch at entrance door.

Contractor to supply and install one single fluorescent fitting as indicated.

5 ROOM 2

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install new light switch at entrance door as indicated

Contractor to supply and install one double fluorescent fitting as indicated.

Contractor to supply and install four double switch socket outlets as indicated.

Contractor to supply and install one motion sensor in office as indicated

6 **ROOM 3**

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install new light switch at entrance door as indicated

Contractor to supply and install two double fluorescent fitting as indicated.

Contractor to supply and install one double switch socket outlets as indicated.

Contractor to supply and install one motion sensor in workshop as indicated

7 **ROOM 4**

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install new light switch at entrance door as indicated.

Contractor to supply and install two double fluorescent fitting as indicated.

Contractor to supply and install one double switch socket outlets as indicated.

Contractor to supply and install one motion sensor in office as indicated.

8 **ROOM 5**

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply install two new light switches at entrance doors as indicated.

Contractor to supply and install two double fluorescent fitting as indicated.

Contractor to supply and install one motion sensor in locker room as indicated.

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9 **ROOM 6**

Contractor to remove all old electrical circuits, and fittings from room.

Contractor to supply and install two double vapour proof fluorescent fitting as indicated.

Contractor to supply and install one motion sensor in bathroom as indicated.

10 **Distrubution Board**

Distrubution board to be rewired, with new MCB"s

11 **Solar Geysers**

Two solar geysers are to be installed on roof. Contractor to connect the two solar geysers at isolator on solar geyser.

12 All MCB's, Isolators, Distribution Boards, light switches and switched socket outlets must be clearly marked. All electrical components (light switches, MCB's, Isolators, Switched socket outlets and etc.) must be labelled in such a way as to easily identify where each item is fed from or where each item is feeding too. These labels must be permanently fixed to each electrical component.

13 **Compliance certificate**

All electrical work carried out by the contractor must comply fully with **the new Electrical Code of Practice SANS 10142-1and all latest amendments**.

Contractor must supply the Spoornet's Technical Officer with an electrical compliance certificate for all electrical work carried out upon completion of electrical works.

14 **Reporting**

Any item not serviceable that is not covered in the above specification is to be reported to the Technical Officer.

15 **Commissioning**

Upon completion of the works the Contractor shall test, commission and hand over the completed works to the Technical Officer.

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TRANSNET FREIGHT RAIL

SCHEDULE OF QUANTITIES

For the upgrade of all lighting and power points for RME office building located in Bethlehem Asset number 02AB049B

The schedule of quantities includes the supply, installation, testing and commissioning of all the following items strictly according to the main specifications:

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Item No.	Quantity	Description	Unit Price	Total Price
1.0		**ROOM 1**		
1.1	1	Strip out all old equipment	R.....	R.....
1.2	1	Single lever light switch	R.....	R.....
1.3	1	5-foot single florescent fittings including tubes R1	R.....	R.....
Total price for Room 1 (Excl. VAT)				**R.....**

2.0		**STORE**		
2.1	1	Strip out all old equipment	R.....	R.....
2.2	1	Single lever light switch	R.....	R.....
2.3	1	5-foot single florescent fittings including tubes R1	R.....	R.....
Total price for Store (Excl. VAT)				**R.....**

3.0		**ROOM 2**		
3.1	1	Strip out all old equipment	R.....	R.....
3.2	1	Single lever light switch	R.....	R.....
3.3	2	5-foot double florescent fittings including tubes **R1**	R.....	R.....
3.4	4	Double switch socket outlets with wall boxes	R.....	R.....
3.5	1	Motion detector sensor SAE-UE-MS-CSAWE	R.....	R.....
Total price for Room 2 (Excl. VAT)				**R.....**

4.0		**ROOM 3**		
4.1	1	Strip out all old equipment	R.....	R.....
4.2	3	Single lever light switch	R.....	R.....
4.3	2	5-foot double florescent fitting including tubes **R1**	R.....	R.....
4.4	1	Double switch socket outlets with wall boxes	R.....	R.....
4.5	1	Motion detector sensor SAE-UE-MS-CSAWE	R.....	R.....
Total price for Room 3 (Excl. VAT)				**R.....**

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5.0		**ROOM 4**		
5.1	1	Strip out all old equipment	R.....	R.....
5.2	1	Single lever light switch	R.....	R.....
5.3	2	5-foot double florescent fitting including tubes **R1**	R.....	R.....
5.4	1	Double switch socket outlets with wall boxes	R.....	R.....
5.5	1	Motion detector sensor SAE-UE-MS-CSAWE	R.....	R.....
Total price for Room 4 (Excl. VAT)				**R.....**

6.0		**ROOM 5**		
6.1	1	Strip out all old equipment	R.....	R.....
6.2	2	Single lever light switches	R.....	R.....
6.3	2	5-foot double florescent fitting including tubes **R1**	R.....	R.....
6.4	1	Motion detector sensor SAE-UE-MS-CSAWE	R.....	R.....
Total price for Room 5 (Excl. VAT)				**R.....**

7		**ROOM 6**		
7.1	1	Strip out all old equipment	R.....	R.....
7.2	2	5-foot double vapor proof florescent fittings including tubes **R1**	R.....	R.....
7.3	1	Motion detector sensor SAE-UE-MS-CSAWE	R.....	R.....
Total price for Room 6 (Excl. VAT)				**R.....**

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8		**DISTRIBUTION BOARD**		
8.1	1	Rewire distribution board	R.....	R.....
Total price for Distribution board (Excl. VAT)				**R.....**

9		**SOLAR GEYSERS**		
9.1	2	Connect solar geysers at isolator points	R.....	R.....
Total price for Solar geysers(Excl. VAT)				**R.....**

10		**General items**		
10.1	50M	Conduit 20mm	R.....	R.....
10.2	100M	1.5mm red, black and earth wire (Surfex)	R.....	R.....
10.3	100M	2.5mm red, black and earth wire (Surfex)	R.....	R.....

		General items(Cont.)		
10.4	1	60A three phase circuit breaker (Main switch) **CBI**	R.....	R.....
10.5	1	60A single phase earth leakage **CBI**	R.....	R.....
10.6	2	20A single phase circuit breakers for plugs **CBI**	R.....	R.....
10.7	2	10A single phase circuit breakers for lights **CBI**	R.....	R.....
10.8.	2	20A single phase circuit breaker for solar geysers **CBI**	R.....	R.....
Total price for General items (Excl. VAT)				**R.....**

9	5%	**Sundries**		R.....
Total price for Sundries (Excl. VAT)				**R.....**

10	1	Compliance certificate for whole installation.		R.....
Total price for Compliance certificate (Excl. VAT)				**R.....**
TOTAL PRICE (Items1+2+3+4+5+6+7+8+9+10)(Excl. VAT)				**R.....**

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Amount in words (Excl. VAT):.....

.....

.....

TRANSNET SOC LIMITED

(Registration no. 1990/000900//30)

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

1. General

1.1 The Contractor and Transnet Limited (hereinafter referred to as "Transnet") are individual employers, each in its own right, with their respective duties and obligations set out in the Occupational Health and Safety Act, Act 85 of 1993 (the Act) and applicable Regulations.

1.2 The Contractor accepts, in terms of the General Conditions of Contract and in terms of the Act, his obligations as an employer in respect of all persons in his employ, other persons on the premises or the Site or place of work or on the work to be executed by him, and under his control. He shall, before commencement with the execution of the contract work, comply with the provisions set out in the Act, and shall implement and maintain a Health and Safety Plan as described in the Construction Regulations, 2003 and as approved by Transnet, on the Site and place of work for the duration of the Contract.

1.3 The Contractor accepts his obligation to complying fully with the Act and applicable Regulations notwithstanding the omission of some of the provisions of the Act and the Regulations from this document.

1.4 Transnet accepts, in terms of the Act, its obligations as an employer of its own employees working on or associated with the site or place of work, and the Contractor and Technical Officer or his deputy shall at all times, co-operate in respect of the health and safety management of the site, and shall agree on the practical arrangements and procedures to be implemented and maintained during execution of the Works.

1.5 In the event of any discrepancies between any legislation and this specification, the applicable legislation will take precedence.

2. Definitions

2.1 In this Specification any word or expression to which a meaning has been assigned in the Construction Regulations, shall have the meaning so assigned to it, unless the context otherwise indicates: -

2.2 The work included in this Contract shall for the purposes of compliance with the Act be deemed to be "**Construction Work**", which, in terms of the Construction Regulations, 2003 means any work in connection with: -

(a) the erection, maintenance, alteration, renovation, repair, demolition or dismantling of or addition to a building or any similar structure;

(b) the installation, erection, dismantling or maintenance of fixed plant where such work includes the risk of a person falling;

(c) the construction, maintenance, demolition or dismantling of any bridge, dam, canal, road, railway, runway, sewer or water reticulation system or any similar civil engineering structure; or

(d) the moving of earth, clearing of land, the making of an excavation, piling, or any similar type of work;

2.3 "**competent person**" in relation to construction work, means any person having the knowledge, training and experience specific to the work or task being performed: Provided that where appropriate qualifications and training are registered as per the South African Qualifications Authority Act, 1995 these qualifications and training shall be deemed to be the required qualifications and training;

2.4 "**contractor**" means principal contractor and "subcontractor" means contractor as defined by the Construction Regulations, 2003.

2.5 "**fall protection plan**" means a documented plan, of all risks relating to working from an elevated position, considering the nature of work undertaken, and setting out the procedures and methods applied to eliminate the risk;

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2.6 **"health and safety file"** means a file, or other record in permanent form, containing the information required to be kept on site in accordance with the Act and applicable Regulations;

2.7 **"Health and Safety Plan "** means a documented plan which addresses the hazards identified and include safe work procedures to mitigate, reduce or control the hazards identified;

2.8 **"Risk Assessment"** means a programme to determine any risk associated with any hazard at a construction site, in order to identify the steps needed to be taken to remove, reduce or control such hazard;

2.9 **"the Act"** means the Occupational Health and Safety Act No. 85 of 1993.

3. Procedural Compliance

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

(a) includes the demolition of a structure exceeding a height of 3 metres; or

(b) includes the use of explosives to perform construction work; or

(c) includes the dismantling of fixed plant at a height greater than 3m,

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

(a) includes excavation work deeper than 1m; or
(b) includes working at a height greater than 3 metres above ground or a landing.

3.2 The notification to the Provincial Director shall be on a form similar to Annexure A of the Construction Regulations, 2003, also shown in Annexure 1 of this Specification. The Contractor shall ensure that a copy of the completed notification form is kept on site for inspection by an inspector, Technical Officer or employee.

3.3 The Contractor shall, in accordance with the Act and applicable Regulations, make all the necessary appointments of competent persons in writing on a form similar to Annexure 2 of this Specification and deliver copies thereof to the Technical Officer. Copies should also be retained on the health and safety file.

3.4 Subcontractors shall also make the above written appointments and the Contractor shall deliver copies thereof to the Technical Officer.

3.5 In the case of a self-employed Contractor or any subcontractor who has the appropriate competencies and supervises the work himself, the appointment of a construction supervisor in terms of regulation 6.1 of the Construction Regulations, 2003 will not be necessary. The Contractor shall in such a case execute and sign a declaration, as in Annexure 3, by which he personally undertakes the duties and obligations of the "Chief Executive Officer" in terms of section 16(1) of the Act.

3.6 The Contractor shall, before commencing any work, obtain from the Technical Officer an access certificate as in Annexure 4 executed and signed by him, permitting and limiting access to the designated site or place of work by the Contractor and any subcontractors under his control.

3.7 Procedural compliance with Act and Regulations, as above, shall also apply to any subcontractors as employers in their own right. The Contractor shall furnish the Technical Officer with full particulars of such subcontractors and shall ensure that they comply with the Act and Regulations and Transnet's safety requirements and procedures.

4. Special Permits

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

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5. Health and Safety Programme

5.1 The Tenderer shall, with his tender, submit a Health and Safety Programme setting out the practical arrangements and procedures to be implemented by him to ensure compliance by him with the Act and Regulations and particularly in respect of: -

(i) The provision, as far as is reasonably practical, of a working environment that is safe and without risk to the health of his employees and subcontractors in terms of section 8 of the Act;

(ii) the execution of the contract work in such a manner as to ensure in terms of section 9 of the Act that persons other than those in the Contractor's employment, who may be directly affected by the contract work are not thereby exposed to hazards to their health and safety;

(iii) ensuring, as far as is reasonably practical, in terms of section 37 of the Act that no employee or subcontractor of the Contractor does or omits to do any act which would be an offence for the Contractor to do or omit to do.

5.2 The Contractor's Health and Safety Programme shall be based on a risk assessment in respect of the hazards to health and safety of his employees and other persons under his control that are associated with or directly affected by the Contractor's activities in performing the contract work and shall establish precautionary measures as are reasonable and practical in protecting the safety and health of such employees and persons.

5.3 The Contractor shall cause a risk assessment contemplated in clause 5.2 above to be performed by a competent person, appointed in writing, before commencement of any Construction Work and reviewed during construction. The Risk Assessments shall form part of the Health and Safety programme to be applied on the site and shall include at least the following:

(a) The identification of the risks and hazards that persons may be exposed to;

(b) the analysis and evaluation of the hazards identified;

(c) a documented Health and Safety Plan, including safe work procedures to mitigate, reduce or control the risks identified;

(d) a monitoring and review plan.

5.4 The Health and Safety Plan shall include full particulars in respect of: -

(a) The safety management structure to be instituted on site or place of work and the names of the Contractor's health and safety representatives and members of safety committees where applicable;

(b) the safe working methods and procedures to be implemented to ensure the work is performed in compliance with the Act and Regulations;

(c) the safety equipment, devices and clothing to be made available by the Contractor to his employees;

(d) the site access control measures pertaining to health and safety to be implemented;

(e) the arrangements in respect of communication of health and safety related matters and incidents between the Contractor, his employees, subcontractors and the Technical Officer with particular reference to the reporting of incidents in compliance with Section 24 and General Administrative Regulation 8 of the Act and with the pertinent clause of the General Conditions of Contract forming part of the Contract and

(f) the introduction of control measures for ensuring that the Safety Plan is maintained and monitored for the duration of the Contract.

5.4 The Health and Safety programme shall be subject to the Technical Officer's approval and he may, in consultation with the Contractor, order that additional and/or supplementary practical arrangements and procedures be implemented and maintained by the Contractor or that different working methods or safety equipment be used or safety clothes be issued which, in the Technical Officer's opinion, are necessary to ensure full compliance by the Contractor with his obligations as an employer in terms of the Act and Regulations. The Technical Officer or his deputy shall be allowed to attend meetings of the Contractor's safety committee as an observer.

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5.5 The Contractor shall take reasonable steps to ensure that each subcontractor's Health and Safety Plan is implemented and maintained on the construction site: Provided that the steps taken, shall include periodic audits at intervals mutually agreed to between the them, but at least once every month.

5.6 The Contractor shall stop any subcontractor from executing any construction work, which is not in accordance with the Contractor's, and/or subcontractor's Health and Safety Plan for the site or which poses a threat to the health and safety of persons.

5.7 The Contractor shall ensure that a copy of the Health and Safety Plan is available on site for inspection by an inspector, Technical Officer, agent, subcontractor, employee, registered employee organisation, health and safety representative or any member of the health and safety committee.

5.8 The Contractor shall consult with the health and safety committee or, if no health and safety committee exists, with a representative group of employees, on the development, monitoring and review of the Risk Assessment.

5.9 The Contractor shall ensure that all employees under his control are informed, instructed and trained by a competent person regarding any hazard and the related work procedures before any work commences, and thereafter at such times as may be determined in the Risk Assessment.

5.10 The Contractor shall ensure that all subcontractors are informed regarding any hazard as stipulated in the Risk Assessment before any work commences, and thereafter at such times as may be determined in the Risk Assessment.

5.11 The Contractor shall ensure that all visitors to a construction site undergoes health and safety induction pertaining to the hazards prevalent on the site and shall be provided with the necessary personal protective equipment.

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6. Fall Protection Plan

6.1.1 In the event of the risk and hazard identification, as required in terms of clause 5.3 of this Specification, revealing risks relating to working from an elevated position the contractor shall cause the designation of a competent person, responsible for the preparation of a fall protection plan;

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

6.3 The fall protection plan shall include:-

(a) A Risk Assessment of all work carried out from an elevated position;

(b) the procedures and methods to address all the identified risks per location;

(c) the evaluation of the employees physical and psychological fitness necessary to work at elevated positions;

(d) the training of employees working from elevated positions; and

(e) the procedure addressing the inspection, testing and maintenance of all fall protection equipment.

7. Hazards and Potential Hazardous Situations

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

8. Health and Safety File

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

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

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

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ANNEXURE 1

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

Regulation 3(1) of the Construction Regulations

NOTIFICATION OF CONSTRUCTION WORK

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

_____

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

_____

2. Principal contractor's compensation registration number: _____

3.(a) Name and postal address of client:

_____

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

_____

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

_____

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

_____

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

_____

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

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

_____

8. Nature of the construction work:

_____
_____
_____
_____
_____

9. Expected commencement date: _____

10. Expected completion date: _____

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

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

_____

13. Name(s) of contractors already chosen.

_____
_____
_____
_____
_____
_____
_____

_____ _____

Principal Contractor **Date**

_____ _____

Client **Date**

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

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

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ANNEXURE 2

(COMPANY LETTER HEAD)

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

SECTION/REGULATION: _____

REQUIRED COMPETENCY: _____

In terms of _____ I, _____

representing the Employer) do hereby appoint _____

As the Competent Person on the premises at _____

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

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

_____

_____

_____

Date : _____

Signature :- _____

Designation :- _____

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ACCEPTANCE OF DESIGNATION

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

Date : _____

Signature :- _____

Designation :- _____

ANNEXURE 3

(COMPANY LETTER HEAD)

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

DECLARATION

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

Signature :- _____

Date : _____

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ANNEXURE 4

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

SITE ACCESS CERTIFICATE

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

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

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

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

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

Signed : _____ ***Date :*** _____
TECHNICAL OFFICER

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ACKNOWLEDGEMENT OF RECEIPT

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

Name : _____ ***Designation :*** _____

Signature : _____ ***Date :*** _____