

TRANSNET



freight rail

A Division of Transnet SOC Limited Registration number 1990/00900/30

**REQUEST FOR
QUOTATION**

KBY/52559

KBC_11931

"PREVIEW COPY ONLY"

Senior Buyer
Supply Chain Services
TRANSNET FREIGHT RAIL
Austen Street
KIMBERLEY
8301



Transnet Freight Rail, a division of

TRANSNET SOC LTD

Registration Number 1990/000900/30

[hereinafter referred to as **Transnet**]

REQUEST FOR QUOTATION [RFQ] NO KEY/52559

FOR THE BUILDING OF A NEW GAURDHOUSE IN WARRENTON FOR A PERIOD OF 5 MONTHS.

FOR DELIVERY TO THE REAL ESTATE MANAGER KIMBERLEY

ISSUE DATE: 09 OCTOBER 2013

CLOSING DATE: 29 OCTOBER 2013

CLOSING TIME: 10:00

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: Tender Box
CLOSING VENUE: Transnet Freight Rail, Property Management Building, Office no. 2, Austen Street, Beaconsfield

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:

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

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** in accordance with the **80/20** preference point system prescribed in the Preferential Procurement Policy Framework Act (PPPFA), Act 5 of 2000 and its Regulations 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]

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: Herman Conradie

Email: Herman.Conradie@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 will result in disqualification.

5 VAT Registration

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

6 Legal Compliance

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

7 Changes to Quotations

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

8 Pricing

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

9 Prices Subject to Confirmation

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

10 Negotiations

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

11 Binding Offer

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

12 Disclaimers

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

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

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

I/We _____ do hereby certify that *I/we have/have not been* found guilty during the preceding 5 [five] years of a serious breach of law, including but not limited to a breach of the Competition Act, 89 of 1998, by a court of law, tribunal or

other administrative body. The type of breach that the Respondent is required to disclose excludes relatively minor offences or misdemeanours, e.g. traffic offences.

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

NATURE OF BREACH:

DATE OF BREACH: _____

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

13 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
- Technical threshold of 60%: Compliance to specification / quality, previous performance, delivery lead-time
- 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 discounts¹ will be critical
 - B-BBEE status of company

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

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.

14 Validity Period

Transnet desires a validity period of 30 [thirty] 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.

All Sections, as indicated in the footer of each page, must be signed, stamped and dated by the Respondent. Please confirm submission of these mandatory 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	

 Respondent's Signature

 Date & Company Stamp

Returnable Documents	Submitted [Yes or No]
- 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 <ul style="list-style-type: none"> • 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 / Sub-contractors must submit a separate Tax Clearance Certificate for each party] 	
Valid Letter of Good Standing	
ANNEXURE A – Project Specifications	

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Section 2
QUOTATION FORM

I/We _____
hereby offer to supply the services at the prices quoted in the Price Schedule below, in accordance with the conditions related thereto and as per Annexure A

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, the E4E and the E7/1 [all 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 service 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 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 A for Specifications.

Item	Description	Rand	Cent
1	New Guardhouse		
	Tender Amount:		
	14% VAT:		
	Total Tender Price:		

Total Tender Price in Words:

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.

SCOPE OF WORK

1. SCOPE OF REQUIREMENTS

Included in the price of the work must be the cost of all items in respect of the works as per specifications attached or embodied in this request for quotation, which shall include all material and labour necessary for the proper execution and completion of the work in every respect (except for such items that are expressly excluded as for distance to site which contractor will price for in the P&G of price total.) according to the true intent and meaning of the contract documents and drawings taken together.

2. TO BE SUPPLIED BY THE CONTRACTOR

Except where otherwise specified, the Contractor shall supply all labour, transport, plant, equipment, tools, services and material required for the carrying out and completion of the work included in this contract.

3. ELECTRICITY AND WATER

Water and electricity, where available, will be supplied free of charge by Transnet. A continuous supply of water and electricity can however not be guaranteed. The Contractor shall at his own cost arrange for connections and extensions (if necessary) to existing supplies and for the removal of these connections and extensions on completion of the contract.

4. COMPLETION TIME, PENALTIES, ETC

The contractor shall on the duration in day require completing the works, but this shall not be longer than **5 Months**.

The contractor shall be required to complete the work in this period, as stated. This period shall be inclusive of weekends, public holidays and statutory holiday periods.

Failing completion of the work within the period as stipulated above or with any shorter period offered by the contenders and accepted by Transnet, the contractor shall pay to **Transnet as penalty an amount of R500 000 per day for every day or part thereof during which the works remain incomplete.**

5. PROGRAM OF WORK (SERVICE PROGRAM)

Within 1 week of notification of acceptance of his tender, the Contractor shall submit to the Manager for his approval and acceptance 3 copies of a fully detailed program of work in the form of an acceptable bar chart. The first payment certificate will not be passed for payment until this program has been lodged with the Manager.

The conduct and order of the work shall be agreed with the Manager.

The Contractor shall notify the Manager in writing as soon as it becomes apparent that the progress of any aspect of the work will not conform to the program of work and shall resubmit, at no additional cost, revised programs which shall be subject to the approval of the Manager.

Any revision of program by the Contractor does not in any way whatsoever relieve the Contractor of his obligations to complete the work for each month as specified or justify any revision of the tendered amount.

6. RETENTION

Further in order to protect Transnet in case of any defective work, Transnet reserves the right to retain up to ten (10%) percent of the value of the contract, for a period of (6) 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.

7. LABOUR

The sole responsibility for the work as specified in the particular specification shall rest entirely with the Contractor, who shall be required to undertake rectification of any defects, which become apparent within the period as defined above. The Contractor shall make good to the satisfaction of Transnet any defects which may arise during inspection.

8. PAYMENT

When making a claim for payment, the Contractor shall submit an informal claim for the consideration of the Manager. Only upon agreement being reached on the amount to be included in the payment certificate, will the Contractor be required to submit a complete and correct VAT invoice.

**9. SAFETY ON WORK SITE (ACT NUMBER 85 OF 1993)
ENVIRONMENT CONSERVATION ACT. (ACT No.73 OF 1989)**

For the purposes of the Occupational Health and Safety Act, (Act Number 85 of 1993) and the Environment Conservation Act, (Act No.73 of 1989) the site is transferred, for the duration of the contract, to the control of the Contractor as if it is his property. As employer, he is in every respect responsible for the compliance with the provisions of these Acts, as well as the application of General Administrative Regulation 13 to the employees of Transnet who visit the site.

Personal protective equipment must be used at all times.

A safety plan must be submitted once the contract has been awarded.

10. ACCESS TO THE SITE

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

11. DAMAGE TO PROPERTY AND/OR SERVICES

The contractor shall take adequate precaution against damage to existing assets and injury to persons during the course of the contract. The successful bidder will be responsible for the repairs and/or the costs incurred in such repairs to any damages caused to Transnet's property by the successful bidder's staff while carrying out the required work

12. SUPERVISION

The Manager will provide overall superintendence of the work and may direct the Contractor in terms of the provisions of the contract.

Transnet will notify the successful contractor, in writing, of the name of the Maintenance Supervisor/s who will supervise and take charge of the contract. The Contractor must at all times, only take instructions from the appointed Maintenance Supervisor/s and (Manager) and nobody else.

The Contractor must be in possession of or have access to a cellular phone and a facsimile machine.

13. WORKING OUTSIDE NORMAL WORKING HOURS:

Normal working hours are between 07:30 and 16:00 Mondays to Fridays. No work will be allowed on weekends or public holidays. If it is required to work outside the stated normal working hours the Contractor must obtain written permission at least 96 hours before such work needs to be undertaken. Transnet Freight Rail will not unreasonably withhold permission; however the Contractor may have to pay for Transnet Freight Rail's supervisory personnel.

14. MATERIALS

Only materials of the best quality (SANS/SABS approved) are to be used in the execution of the contract and the work is to be performed in a proper workmanlike manner to the full satisfaction of Transnet

15. HOUSING OF EMPLOYEES

Accommodation of the Contractor's employees on site will not be permitted and the Contractor shall make his own arrangements

16. TOILET FACILITIES

Use of existing toilet facilities will be permitted.

17. ESCALATION OF COST

This contract will not be subject to cost escalation.

18. WAGE REGULATING MEASURES

The Contractor shall acquaint himself with any relevant wage regulating measure and/or statutory enactment which may be in force or may be contemplated, and which will affect conditions of employment during the progress of the contract, and he shall give effect to the provisions of such wage regulating measure and/or statutory enactment as they come into force.

19. SUB-LETTING OF THE CONTRACT

The successful contractor shall not be permitted to sublet the contract. Only persons directly employed by the contractor shall carry out the work.

20. GENERAL INFORMATION

The service provider(s) shall be fully responsible to Transnet for the acts and omissions of persons directly or indirectly employed by them.

The service provider(s) must provide the identified information requested and comply with the requirements stated in the RFQ.

All activities between Contractors and Transnet personnel will be coordinated through the Manager in charge.

For more information contact Mr. S.P. Broderick at telephone (53) 838-3317

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CONTRACTORS "HEALTH & SAFETY FILE" CHECKLIST



**To be completed
for each contract**

Contractor's Name:

Contract Number: Annex. A

CONTENTS OF THE HEALTH & SAFETY FILE

The safety file shall at least contain "but not limited to" the following documentation/copies on Site.

	YES	NO
1. Notice of construction work given to Dept. of Labour according to Act 85(where applicable).		
2. Letter of good standing – Compensation Commissioner.(Not older than 6 months and valid for duration of project)		
3. Section 37(2) agreements. (Written defined responsibilities by mandataries)		
4. Safety File present with Safety plan "which shall contain": (File to be signed by PM and Client) <ul style="list-style-type: none"> • Appointments letters i.e. copies. <input type="checkbox"/> (tick if completed and present) (CEO, Person responsible for safety on site, SHE Reps, First Aiders, Machine Operators, Sub-contractors etc.) • Risk Assessment done <input type="checkbox"/> (tick if completed and present) • Applicable Written Safe Work Procedures <input type="checkbox"/> (tick if completed and present) • Job Observations (J O's). <input type="checkbox"/> (tick if completed and present) • Fall protection plan <input type="checkbox"/> (tick if completed and present) 		
5. Your Health and Safety structure on site. <ul style="list-style-type: none"> • Organigram also depicting sub-contractors on site (In the event of large contracts). 		
6. Emergency equipment and procedures e.g. First Aid box, Fire Extinguishers, Telephone no.		
7. Competency certificates "i.e. copies". <ul style="list-style-type: none"> • "Competent persons" as required by the Regulations (Construction Regs.) • Machine operators (Large & Small plant). • Lifting Equipment operators/ Scaffolding etc. 		
8. Health and Safety Induction records Site specific and induction done with a representative of Department/Client. (Client to highlight additional safety risk e.g. Running trains, overheads, ablutions etc.)		
9. Copies of medical surveillance records. <ul style="list-style-type: none"> • Fitness certificates e.g. working at heights. 		
10. Plant and Equipment (Includes all electrical equipment) on checklist and inspected (RMD's).		
11. Test certificates (e.g. Gases, Vapours etc. in confined spaces).		
12. Minutes of safety meetings held on site available.		
13. Daily Safety talks by Contractor, including attendance register (Morning Green Areas held etc.)		
14. Copies of hazardous waste removal and disposal certificates to be received before payment.		
15. Copies of audit reports. (Contractor's & Transnet)		
16. Copies of site inspections. (Initial, daily and final site inspection before payment)		
17. Incident investigation records available on file. (Copies of WCL 2 and CMB 274 investigation)		
18. Permits / occupation certificates		
19. Notices served by Dept. of Labour.		

* **If the response to any of the above questions was negative, what actions were taken to rectify it?**

Project Manager, T/O of Contract
Site Supervisor

Section 3

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 Va registration certificate
8. A signed letter from the Auditor / Accountant confirming most recent annual turnover and percentage black ownership in the company **AND/OR** BBBEE certificate and detailed scorecard from an accredited rating agency (SANAS member).

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

IMPORTANT NOTES:

- a) **If your annual turnover is less than R5 million**, then in terms of the DTI codes, you are classified as an Exempted Micro Enterprise (EME). 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,

Respondent's Signature

14

Date & Company Stamp

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.					

ANNEXURE B
TENDER PRICE LIST PER ITEM

ASSET DESCRIPTION: NEW GUARDHOUSE

CITY / TOWN: WARRENTON

TENDER NO:

ASSET NO:

WORK DESCRIPTION: BUILD NEW GUARDHOUSE

TENDER PRICE LIST TO INTERIOR AND EXTERIOR WORK TO BUILDINGS

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

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

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

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

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

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

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

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

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

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SUB TOTAL PAGE 1

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TENDER NO:

ASSET NO:

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
CEILINGS					
34	Install donn or Mac steel type suspending ceiling with 12,7mm thick laminated white vinyl rhinodek tiles complete	11	M^2		
WALLS INTERIOR					
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	36	M^2		

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

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TENDER NO:

ASSET NO:

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
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	11	M		
94	Replace or fit plastic interior air brick	4	EA		
115	Plaster interior wall +/- 15mm thick one coat smooth finish plaster. item does not include soffits and reveals, see item for soffits and reveals (mix for plaster 1 part cement and 5 parts approved plaster sand) (read all attached detailed specifications)	36	M^2		
117	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		
WINDOWS INTERIOR					
132	Fit or replace window handle. apply lock tight or similar product to screws chrome plated handle	8	EA		
135	Fit or replace window sliding stay. apply lock tight or similar product to screws chrome plated stay	8	EA		
137	Fit or replace window peg stay. apply lock tight or similar product to screws chrome plated stay	4	EA		
139	Manufacture and fit standard brick pattern burglar bars with 12mm diameter round steel bars. paint bars 1 coat Plas on or Dulux steel primer, undercoat and gloss enamel (m^2 = window opening to be cover by bars)	10	M^2		
157	Form sill with plaster and tile with ceramic tiles same as walls	7	M		
163	Install vertical blinds ** complete with heavy rail ** with approved type blinds. size 1511mm wide x 1245mm drop. colour plain fawn. measured for ** face ** fit rail modified aluminium. read attached spec !!	4	EA		
WINDOWS INT AND EXT					
191	Fit window panes - lead to new window frame, size 1511mm x 1245mm x 3mm thick as per attached specification. area up to 0.75m^2 use 3mm, up to 1.50m^2 use 4mm, up to 2.10m2 use 5mm up to 3.2m^2 6mm	8	M^2		
205	Paint window frame complete, with 1 coat universal undercoat and 2 coats Dulux white gloss paint. Item includes cleaning of glass. See detailed specifications.	8	M^2		
217	Paint burglar bars 10-12mm diameter round bar 1 coat universal undercoat and 2 coats Dulux water base pearl glo (m^2 = whole window opening covered by the burglar bars) .(see attached detail specification)	8	M^2		
224	Build in new window frame in new wall (ND4F = HIGHT 1245MM X WIDE 1511MM)	4	M^2		
DOORS/SECURITY GATES					
243	Fit or replace standard round rubber type door stop	1	EA		
247	Fit aluminium draught excluder (weather board aluminium type)	1	EA		
263	Fit 4 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		

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

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TENDER NO:

ASSET NO:

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
283	Replace meranti flash back door. Clearance to frame and floor as specified in attached specifications	1	EA		
288	Varnish door complete both sides, side edges and top edge, 3 coats varnish. use exterior varnish on exterior side. door 810mmx2.03m= 3.66m2. Door 750mmx2.03m= 3.42m2. Do preparations as per attached specifications. Item include remove and re-fit of handle	4	M^2		
304	Manufacture and install security gate 2.10 m x 900 mm. paint gate 1 coat steel anti rust primer, 1 coat universal undercoat and 1 coat gloss enamel, read attached detailed specifications.	1	EA		
DOORFRAMES					
324	Build in single 220mm wide steel door frame in new wall. door frame metal shall be at lease 1.2mm thick. read all the attached specifications	1	EA		
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearlglo lockness code-311-5. 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	2	M^2		
FLOORS					
340	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)	1	M		
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB1 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting. Read specifications	11	M^2		
398	Fit ceramic tile skirting, 100mm wide, complete with plastic ceramic tile edge strip on top edge 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	14	M		
407	Supply approved filling and compact floors up to right level for concrete floors in layers and compact in layers not exceeding 150mm with compactor	3	M^3		
409	Lay Ubbi green 250 micron thick damp proofing for concrete floor	11	M^2		
414	Cast 80mm thick concrete floor (concrete mix 1 part cement, 3 parts clean sand and 5 parts 19mm stone) as per attached specification, 20mpa strong. concrete shall be mixed with concrete mixer or shall be ready mixed. see attached specification	11	M^2		
STAIRS INTERIOR					
420	Build with bricks step as specified to comply with national building regulations as specified in attached specifications	2	EA		
CUPBOARDS / TABLE					
451	Supply and install 600mm wide natural oak Formica post form top one side bull nose, length (2m) work top with four draw cupboard under top. Drawers to fitted with locks and handels. Cupboard frame to be solid oak 20mm x 40mm thick.	2	M		
FIT/REPLACE ITEMS/ FURNITURE					
571	Fit/replace chrome plated coat hook to meranti hard wood block 100mm x 900mm x 22mm with chamfered edge to wall	6	EA		
ROOF					

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

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TENDER NO:

ASSET NO:

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
579	Supply and fix IBR roof screws for IBR roof sheet with bond it washer. do not over tighten new roof screws. nab. any damage to roof sheets shall be repaired or the sheets be replaced by the contractor at his own expense.	240	EA		
591	Provide all material for IBR roof covering .08 thick, colour white, include wall plates, trusses, purline, bracings, teco products, valleys, ridging and roof sheets and any other material to fit roof complete as per attached plan	48	M^2		
639	Paint exposed roof timber purlin, paint 1 pink wood primer, 1 coat universal undercoat and 1 coats white Dulux gloss paint. apply paint only after preparation as per attached specification	20	M^2		
640	Paint exposed roof timber sprockets, 1 coat universal undercoat and 1coats white Dulux gloss. bare wood areas shall be spot primed with wood primer. apply paint only after preparation as per attached specification.	16	M^2		
FACIA/BARGE BOARDS					
655	Fit fascia board, nutec-cement type 225mm x 12mm thick. item include h-profile fascia joiners and h-profile fascia corner jointers do all work as per attached specification	20	M		
657	Paint fascia board steel / nutec fibre cement, 2 coats Plas for wall and all paint or with Dulux white roof guard paint (frame only front side) apply paint only after preparation as per attached specification has been done	20	M		
GUTTERS/DOWNPIPES					
666	Fit galvanised square gutters 100 x 75 mm complete. include all necessary corners and stop ends. all work and material shall comply to attached specification. note: silicone sealer must not be used as joints.	20	M		
672	Supply paint and paint gutters outside complete 1 under coat and 1 Dulux white gloss paint. 1.5m = 0.30m2. after all preparations as specified was done.	20	M		
676	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 area (PVC or fibre cement gutter down pipe for coastal area price is of 100x75mm square)	4	EA		
680	Do preparations as specified, paint down pipe complete 1 under coat and 1 gloss paint. after all preparations as specified was done.	4	M^2		
WALLS EXTERIOR					
692	Build foundation wall with face bricks outside and common clay bricks on inside include brick force every second layer. (sample brick to be supplied for approval before bricks are order)	10	M^2		
695	Lay damp-proof course to foundation wall 220 mm wide	16	M		
698	Build walls, 220mm, as specified, using face brick outside, approved stock bricks inside, include brick force every 4 layers.	40	M^2		
700	Place in position precast concrete lintels over opening, above window frame or doorframe while building new wall	9	M		
702	Do beam filling under IBR roof covering.	16	M		
704	Replace/build in cement type airbrick	4	EA		
WINDOWS EXTERIOR					

"PRELIMINARY COPY ONLY"

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

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TENDER NO:

ASSET NO:

ITEM NO	FAULT DISCRPTION	ITEM TOTAL	MEASURE UNIT	UNIT RATE	ITEM AMOUNT
745	Provide brick on edge window sill include damp proofing PLUMBING EXTERIOR	8	M		
911	Dig and provide french drain 2m long x 1m deep x 600mm wide as per scetch complete with pipes and accessories. EXCAVATIONS/BACKFILL	1	JOB		
835	Dig foundations or trench in medium soil (use pick and space)	8	M^3		
840	Back fill trenches and manhole and compact in layers not exceeding 150mm MASS CONCRETE/REINFORCING	4	M^3		
845	Mix concrete on site, with mixer, where a small or medium quantity is require. concrete shall be at least 25mpa and have slump of 75mm. cast in foundations and compact concrete. all work and material to comply with attached specification CONCRETE SLABS/PAVING	4	M^3		
860	Lay paving interlocking 25mpa paving bricks, item include remove plants/grass, filling, levelling of ground, compaction of soil, bedding sand and restraining edges. (read all the attached specifications)	8	M^2		

"PREVIEW COPY ONLY"

Respondent's signature: _____

Date: ____ / ____ / ____

TENDER NO:

ASSET NO:

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

PRELIMINARY AND GENERAL

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

P + G

R

RISK AND SAFETY

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

RISK AND SAFETY R

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

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

TOTAL PRICE CIVIL WORK EXLUDE VAT R

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

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

INTERIOR WORK LIST: ROOM 1 AND 2

ASSET NO

NEW GUARDHOUSE

WARRENTON

TENDER NO:

No	INTERIOR WORK	UNIT	R1	R2	TOTAL
CEILING					
34	Install donn or Mac steel type suspending ceiling with 12,7mm thick laminated white vinyl rhinodex tiles complete	M^2	11	0	11
WALLS INTERIOR					
79	Lay 1st grade 200 x 250mm white ceramic glazed wall tiles. use 3mm spacers. item include walls, reveals, soffits, sills and the top of shower walls. use white grout. use only Tylon wb11 adhesive or adhesive approved by project manager	M^2	36	0	36
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	M	11	0	11
94	Replace or fit plastic interior air brick	EA	4	0	4
115	Plaster interior wall +- 15mm thick one coat smooth finish plaster. item does not include soffits and reveals, see item for soffits and reveals (mix for plaster 1 part cement and 5 parts approved plaster sand) (read all attached detailed specifications)	M^2	36	0	36
117	Item extra over to plaster, plaster reveal 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. soffit area is the top horizontal area of openings (intel section)	M	16	0	16
WINDOWS INTERIOR					
132	Fit or replace window handle. apply lock tight or similar product to screws chrome plated handle	EA	8	0	8
135	Fit or replace window sliding stay. apply lock tight or similar product to screws chrome plated stay	EA	8	0	8
137	Fit or replace window peg stay. apply lock tight or similar product to screws chrome plated stay	EA	4	0	4
139	Manufacture and fit standard brick pattern burglar bars with 12mm diameter round steel bars. paint bars 1 coat Plascon or Dulux steel primer, undercoat and gloss enamel (m^2 = window opening to be cover by bars)	M^2	10	0	10
157	Form sill with plaster and tile with ceramic tiles same as walls	M	7	0	7

No	INTERIOR WORK	UNIT	R1	R2	TOTAL
WINDOWS INTERIOR					
163	Install vertical blinds ** complete with new rail ** with approved type blinds. size 1511mm wide x 1245mm drop. colour plain fawn. measured for ** face ** fit. rail anodized aluminium. read attached spec !!	EA	4	0	4
WINDOWS INT AND EXT					
191	Fit window panes clear to new window frame, size 1511mm x 1245mm x3mm thick as per attached specification. area up to 0.75m ² use 3mm, up to 1.50m ² use 4mm, up to 2.10m ² use 5mm, up to 3.2m ² 6mm	M ²	8	0	8
205	Paint window frame complete, with 1 coat universal undercoat and 1 coat Dulux white gloss paint. Item includes cleaning of glass. See detailed specifications.	M ²	8	0	8
217	Paint burglar bars 10-12mm diameter round bar 1 coat universal undercoat and 2 coats Dulux water base pearl glo (m ² = whole window opening covered by the burglar bars) .(see attached detail specification)	M ²	8	0	8
224	Build in new window frame in new wall (ND4F = HEIGHT 1245MM X WIDE 1511MM)	M ²	4	0	4
DOORS/SECURITY GATES					
243	Fit or replace standard round rubber type door stop	EA	1	0	1
247	Fit aluminium draught excluder (weather board aluminium type)	EA	1	0	1
263	Fit 4 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.	EA	1	0	1
283	Replace me anti rash back door. Clearance to frame and floor as specified in attached specifications	EA	1	0	1
288	Varnish door complete both sides, side edges and top edge, 3 coats varnish. use exterior varnish on exterior side. door 810mmx2.03m= 3.66m ² . Door 750mmx2.03m= 3.42m ² . Do preparations as per attached specifications. Item include remove and re-fit of handle	M ²	4	0	4
304	Manufacture and install security gate 2.10 m x 900 mm. paint gate 1 coat steel anti rust primer, 1 coat universal undercoat and 1 coat gloss enamel, read attached detailed specifications.	EA	1	0	1
DOORFRAMES					
324	Build in single 220mm wide steel door frame in new wall. door frame metal shall be at lease 1.2mm thick. read all the attached specifications	EA	1	0	1

No	INTERIOR WORK	UNIT	R1	R2	TOTAL
DOORFRAMES					
329	Paint door frame 1 coat undercoat and 2 coats Dulux pearl glo lockness code-3I1-5. single steel frame. 115mm=1.150m ² . single 230mm=1.750m ² . double 1511mm x 115mm=1.29 m ² . double 1511mm x 230mm=1.96 m ² . Do preparation as per specification	M ²	2	0	2
FLOORS					
340	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)	M	1	0	1
366	Lay 1st grade ceramic floor tiles on floor (use 10 x 6mm notched trowel) joints 5mm wide use only Tylon WB11 tile adhesive for ceramic tiles adhesive as approved by project manager. Type tile as per sample tile shown at site meeting Read specifications	M ²		0	11
398	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	M	14	0	14
407	Supply approved filling and fill floors up to right level for concrete floors in layers and compact in layers not exceeding 50mm with compactor	M ³	3	0	3
409	Lay USB green 250 micron thick damp proofing for concrete floor	M ²	11	0	11
414	Cast 80 mm thick concrete floor. (concrete mix 1 part cement, 3 parts clean sand and 5 parts 19mm stone) as per attached specification, 20mpa strong. concrete shall be mixed with concrete mixer or shall be ready mixed. see attached specification	M ²	11	0	11
STAIRS INTERIOR					
420	Build with brick steps as specified to comply with national building regulations as specified in attached specifications	EA	2	0	2
CUPBOARDS / TABLE					
451	Supply and install 600mm wide natural oak Formica post form top one side bull nose, length (2m) work top with four draw cupboard under top. Drawers to fitted with locks and handels. Cupboard frame to be solid oak 20mm x 40mm thick.	M	2	0	2
FIT/REPLACE ITEMS/ FURNITURE					
571	Fit/replace chrome plated coat hook to meranti hard wood block 100mm x 900mm x 22mm with chamfered edge to wall	EA	6	0	6

EXTERIOR WORK LIST

ASSET NO

NEW GUARDHOUSE

WARRENTON

No	EXTERIOR WORK ITEM	UNIT	FRONT	LEFT	BACK	RIGHT	TOTAL
ROOF							
579	Supply and fix IBR roof screws for IBR roof sheet with bond it washer. do not over tighten new roof screws. nab. any damage to roof sheets shall be repaired or the sheets be replaced by the contractor at his own expense.	EA	60	60	60	60	240
591	Provide all material for IBR roof covering .08 thick, colour white, include wall plates, trusses, purline, bracings, teco products, valleys, ridging and roof sheets and any other material to fit roof complete as per attached plan	M^2	12	12	12	12	48
639	Paint exposed roof timber purlin, paint 1 pink wood primer, 1 coat universal undercoat and 1 coats white Dulux gloss paint. apply paint only after preparation as per attached specification	M^2	5	5	5	5	20
640	Paint exposed roof timber sprockets, 1 coat universal undercoat and 1coats white Dulux gloss. bare wood areas shall be spot primed with wood primer. apply paint only after preparation as per attached specification.	M^2	4	4	4	4	16
FACIA/BARGE BOARDS							
655	Fit fascia board, nutec-cement type 2.5mm x 12mm thick. item include h-profile fascia joiners and h-profile fascia corner joints. do work as per attached specification	M	5	5	5	5	20
657	Paint fascia board steel / nutec fibre cement, 2 coats Plascon wall and roof paint or with Dulux white roof guard paint (paint only front side) apply paint only after preparation as per attached specification has been done	M	5	5	5	5	20
GUTTERS/DOWNPipes							
666	Fit galvanised square gutters 100 x 75mm complete. include all necessary corners and stop ends. all work and material shall comply to attached specification. note!!!: silicone sealer must not be used as joints.	M	5	5	5	5	20
672	Supply paint and paint gutters outside complete 1 under coat and 1 Dulux white gloss paint. 1.0m = 0.30m2. after all preparations as specified was done.	M	5	5	5	5	20
676	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)	EA	1	1	1	1	4

No	EXTERIOR WORK ITEM	UNIT	FRONT	LEFT	BACK	RIGHT	TOTAL
GUTTERS/DOWNPipes							
680	Do preparations as specified, paint down pipe complete 1 under coat and 1 gloss paint. after all preparations as specified was done.	M^2	1	1	1	1	4
WALLS EXTERIOR							
692	Build foundation wall with face bricks outside and common clay bricks on inside include brick force every second layer. (sample brick to be supplied for approval before bricks are order)	M^2	2	3	2	3	10
695	Lay damp-proof course to foundation wall 220 mm wide	M	4	4	4	4	16
698	Build walls, 220mm, as specified, using face brick outside, approved stock bricks inside, include brick force every 4 layers.	M^2	9	11	9	11	40
700	Place in position precast concrete lintels over opening, above window frame or doorframe while building new wall	M	2	2	2	2	9
702	Do beam filling under IBR roof covering.	M	4	4	4	4	16
704	Replace/build in cement type airbrick	EA	1	1	1	1	4
WINDOWS EXTERIOR							
745	Provide brick on edge window sill include damp proofing	M	2	2	2	2	8
PLUMBING EXTERIOR							
911	Dig and provide french drain 2m long x 1m deep x 600mm wide as per sketch, complete with pipes and accessories.	JOB	0	0	1	0	1
EXCAVATIONS/BACKFILL							
835	Dig foundations or trench in medium soil (use pick and spade)	M^3	2	2	2	2	8
840	Backfill trenches and manhole and compact in layers not exceeding 150mm	M^3	1	1	1	1	4
MASS CONCRETE/REINFORCIN							
845	Mix concrete on site, with mixer, where a small or medium quantity is require. concrete shall be at least 25mpa and have slump of 75mm. cast in foundations and compact concrete. all work and material to comply with attached specification	M^3	1	1	1	1	4
CONCRETE SLABS/PAVING							
860	Lay paving interlocking 25mpa paving bricks, item include remove plants/grass, filling, levelling of ground, compaction of soil, bedding sand and restraining edges. (read all the attached specifications)	M^2	2	2	2	2	8

ANNEXURE A

ASSET DESCRIPTION: NEW GUARDHOUSE

ASSET LOCATION: STATION AREA

CITY / TOWN: WARRENTON

WORK DESCRIPTION: BUILD NEW GUARDHOUSE

TENDER NO:

ASSET NO:

ITEM NO. SPECIFICATIONS PER ITEM.

CEILINGS

- 34 Work description: Install suspending ceiling complete as per type specified in fault list Supply and install suspended ceiling. Use Donn Products ceiling grid & accessories or Mac steel interior systems grids and accessories. Use the LSM 25 cornice wall moulding from Donn and T37 main tee with T32 cross tee and or similar system from Mac steel Interior systems. Use 2.5mm pre stress galvanized wire, 4mm rod suspension system or 19mm wide galvanized strap as hangers. The installation shall be done according to the specification of the relevant manufacture. Supply and install 595mm x 1195mm x 12,7mm thick laminated white vinyl Rhinodek tiles. The tile should be installed according to the manufacture's specification. Hold down clips must be used to hold the boards firmly in position. After installation the ceiling shall be level and all grid strips shall be straight.

WALLS INTERIOR

- 79 Work description: Lay glazed wall tiles.
*BEFORE TILING COMMENCES THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK. *ALL HOLLOW SOUNDING TILES SHALL BE REMOVED AND RE-FIXED. *USE ONLY TYLON CM11 OR TAL PROFESSIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. *NEVER USE SPOT OR BLOB METHODS. *NEVER BUTT JOINT TILES.
Glazed ceramic wall tile and fittings shall comply with (SABS 22). Tiles should be even in shape and size, free from cracks, twists or blemish and uniform in colour. Tiles shall be fixed in accordance with (SABS 0107). Tiles should be fixed with a cement based adhesive. The adhesive shall be as recommended by the manufacturer of the tiles. Joints shall be level, straight, continuous and with 2mm spacers for tiles up to 250 x 200mm and 3mm for bigger sizes as recommended by the tile manufacturer. Symmetrical arrangements of tiling, with cutting along both sides of panels, to avoid cutting of tiles smaller than 50mm wide, shall be done. Cutting and fitting of tiles against walls and around door frames, 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.

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

TENDER NO:

ASSET NO:

ITEM NO. SPECIFICATIONS PER ITEM.

- 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.
- 94 Work description: Fit or replace interior type air brick
Form openings in external walls in the position shown and provide and build in approved 228 x 150mm air brick. Airbrick to be fixed level and flush with wall.
- 115 Work description: Plaster wall.
Interior plaster: Surface shall be clean and thoroughly wetted directly before plastering commences. Concrete surface shall be slashed with a mixture of one part of cement and one part of coarse sand. Cement plaster should be composed of one part of cement and five parts of plaster sand. Otherwise, where plaster must match existing plaster, plaster should not be less than 10mm and more than 20mm thick. Internal plaster, except where walls are to be tiled, shall be steel towelled to a smooth even and true finish. Where walls are to be tiled plaster finish should be wood float finished. Plaster must be returned into reveals and soffits of openings and all angles shall be true and straight with salient angle slightly rounded. All chases must be cut and electrical conducting and boxes or plumbing pipes fixed before any plastering is done. On no account will chasing in finished plaster be allowed and if such chasing is necessary the entire wall surface shall be hacked off and 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.
- 117 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.

WINDOWS INTERIOR

- 132 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.
- 135 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.
- 137 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: Provide burglar bars to window frame
Provide to all opening sections of windows where shown or mentioned, burglar proofing, formed with 10mm diameter mild steel horizontal bars, spaced at 150mm centres and vertical bars at 125mm centres, welded together and welded to window frames, with welding cleaned off smooth.
- 157 Work description: Form window sill with plaster and tile with ceramic tiles same as walls.

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

TENDER NO:

ASSET NO:

ITEM NO. SPECIFICATIONS PER ITEM.

- 163 Work description: Install vertical blinds (1)
*** MEASUREMENT*** 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 least 40mm long "Hilti" prefix anchors, track to clipped into the brackets. For FACE FIX extruded aluminium "QUICK CLIP FIX" brackets are used which are firstly anchored to the wall by means of 5mm dia x at least 40mm long "Hilti" prefix anchors and the track then clipped into the integral bracket. The brackets must be anodized or powder coated to match the specific track. Mechanism The runners shall be of high quality construction incorporating a safety/slipping clutch to ensure the correct alignment of the blades. The runners to be 10mm wide and operate on wheels and are linked together with nylon links which ensure a minimum of 13mm overlap on each blade/vane. Control cord to be white, plastic tension type and the blades rotated cord bead chain cord. The hanger on the runner to be moulded from clear polycarbonate and to be the "peg" design. The vertical position of the blades is maintained by moulded PVC bottom weights (weighing 50 grams for 120mm 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.

WINDOWS INT AND EXT

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

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- 217 Work description: Paint burglar bars 10 – 12mm diameter round bar. Clean from all rust and dirt. Sand burglar bars and wipe off all sanding dust. After cleaning and sanding off rust on metal work those portions so affected shall be treated with an approved rust inhibitor. Paint burglar bars 1 coat universal undercoat and two coats water-base Dulux pearlo.
- 224 Work description: Build in window frame in new 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

- 243 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
- 247 Work description: Replace weatherboard aluminium type
Replace/Provide aluminium weatherboard and fix according to manufacture instructions.
- 263 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 be 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.
- 283 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.
- 288 Work description: Varnish door complete, 2 coats.
Previously varnished doors: Remove handles, wash thoroughly with a suitable detergent to remove all dirt and rinse with clean water. Remove defective varnish and repair all holes and defective places with a suitable wood filler. Sand complete door and wipe off all sanding dust with a damp cloth. Allow to dry and apply two coats of varnish on varnished doors. Re-fit door handles
New doors to be varnished: Remove lock and door handles, Fill all defective places with suitable wood filer, sand smooth and wipe sanding dust off with damp cloth. Allow to dry and apply. Apply three coats varnish on doors. Allow varnish to dry between coats. Re-fit lock and handles.

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- 304 Work description: Manufacture and install security gate.
Manufacture security gates with grade A steel. Use 32 X 32 X 1.6 mm (minimum thickness) square tubing for main frame. Use 25 X 25 X 1.6 mm (minimum thickness) square tubing for gate frame and for horizontal bars. All horizontal bars shall be drilled to accommodate 12 mm round bars. Use 12 mm diameter solid round bar for vertical bars. Vertical bars shall be straight and be evenly spaced at not more than 120 mm centres. Provide each gate with 3 butterfly hinges, hinges size 50 mm long and 10 mm diameter. Fit three hinges to each gate, fit one hinge 150 mm from top one in centre and one 150 mm from bottom of gate. Fit Ultra double gate security gate lock to double gate and Ultra single gate security lock to single gates. Drill 4 holes of 12 mm diameter each side of main frame, space holes evenly and drill holes at least 100 mm deep in brick wall. Insert 132 mm long X 12 mm diameter round bar in holes and weld to main frame. Cut and grind flush with main frame. All corners shall be mitred 45 degrees and welding shall be neat with all welding flux and spots removed and clean with steel brush. Clean steel with metal cleaner or thinners to remove all oil and dirt. Apply one coat Plascon or Dulux metal primer, one coat Plascon or Dulux universal undercoat and one coat Plascon or Dulux white gloss enamel to gates. As per specification, allow paint to dry between coats.

DOORFRAMES

- 324 Work description: Build in 220mm steel doorframes.
Pressed steel doorframes shall be mild steel, comply with SABS 1129. Joint shall be properly mitre, welded and reinforced at angles and with welding neatly cleaned off on all faces. Frames shall be treated with one coat of primer complying with SABS 909 before leaving he factory. Frames shall be of 2mm metal with single rebate, of 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 for 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.
- 329 Work description: Paint frame complete 2 coats.
Previously painted wooden door frame: Wash thoroughly with a suitable detergent to remove all dirt, rinse with clean water. Remove defective paint/varnish and repair all holes and defective places with a suitable wood filler. Sand complete frame and wipe off all sanding dust with a damp cloth. Allow 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.

FLOORS

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

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- 366 Work description: Lay first grade ceramic tiles on floor.
*BEFORE TILING COMMENCES, THE REPRESENTATIVE MUST FIRST APPROVE THE SURFACE, IN SITE BOOK.*ALL TILES THAT SOUND HOLLOW SHALL BE REMOVED AND RE-FIXED. ***USE ONLY TYLON WB11, TAL PROFESIONAL ADHESIVE OR TYPE APPROVED BY PROJECT MANAGER. ***NEVER USE SPOT OR BLOB METHODS. ***NEVER BUT JOINT TILES. Thoroughly clean surfaces before any tiling commences. Smooth or painted surfaces must be chipped to 80% of area. KEY IT from TAL or TYLON must be applied over whole area. Glazed floor tiles shall comply with (SABS 1449). Tiles shall be even in shape and size, free from cracks, twists or blemishes and uniform in colour. The adhesive shall be Tylon WB11 tile adhesive for ceramic tiles and Tylon adhesive for porcelain tiles if porcelain tiles is specified. The use of any other type shall only be allowed if approved by the Project manager after adhesive was tested on site. Joints shall be straight, continuous with 5mm widths and pointed with waterproofing grout compound from TAL, Tylon or aproved type. Symmetrical arrangement of tiling with cutting along both sides of panels to avoid cutting of tiles smaller than 75mm wide shall be done. Cutting and fitting of tiles against walls and around doorframes, sanitary fittings, etc must be neat, with a gap between 4 and 6mm. Tile shall be level to each other at joints. Replace one broken or cracked floor tile between existing tiles. Use notched trowel to apply adhesive 10mm X 10mm notches at 6mm intervals. The BLOB and SPOT method must not be used. All excess adhesive shall be removed from joints before drying has occurred. Tiles must be dry before being bedded. Tap tiles level with a rubber mallet. All tiles must make 100% contact with adhesive, make sure there are no voids. Any tile that sound hollow, if tapped, shall be removed. Allow the adhesive to cure for 2 to 3 days before grouting. Use only approved grout, mix grout with Tylon or Tal Bond-it in areas specified. Fill joints to lower edge of bevel and not level with the top of the tile. The work must be kept very clean during grouting as dried grout is almost impossible to remove from textured tiles. DO NOT USE ACIDS, SPIRITS OF SALTS, AMMONIA, OTHER STRONG CHEMICALS OR STEEL WOOL TO CLEAN TILES.
- 398 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.
- 407 Work description: Fill floors u to level for concrete floors
No clay shall be used as filling. Filling shall be of approved clean earth free from clay vegetable matter, large stones, etc. Fill in layers not exceeding 150 mm in depth, well watered, rammed and thoroughly consolidated to at least a density of 90% Modified AASHTO (American Associations of State Highway and Transportation Officials), which will be verified by the Representative/Agent having it tested. free from clay vegetable matter, large stones, etc. Fill to level 100mm under floor level (80mm concrete plus 20mm topping). Finish off to an even surface, make sure no stones or sharp articles project from filling that could damage the damp-proof course. Surplus material is to be carted away to a suitable dumping site to be found by the Contractor, outside the boundary of the site.

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409 Work description: Supply and lay damp proofing for concrete floor
The horizontal and vertical damp-proof course shall be of black polyethylene sheeting complying with SABS Specification 952 Type B having embossed surfaces, 0,38 mm thick (375 microns) and manufactured in widths of less than 1000 mm. The damp-proof course shall be the full thickness of walls above foundations, plus the width of floor plates where these occur, and shall be laid without longitudinal joints. At end joints, angles and intermediate junctions the sheeting shall be lapped for 150 mm. Where so required all laps in the damp-proof course shall be sealed over the whole area of laps as recommended by the Manufacturer.

414 Work description: Cast concrete floor 80mm thick, use concrete mixer on site.
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 damp, continuously, 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.

STAIRS INTERIOR

420 Work description: Build brick
The headroom at any point on any stairway shall be not less than 2,1m, measured vertically from the pitch line, and the width of any stairway, measured to any enclosing wall or balustrade, shall be not less than 750mm. The rise of any step shall not exceed 200mm. The going and width of any tread shall be not less than 250mm. Provided that where the stairway does not have solid risers, each tread shall overlap the next lower tread by not less than 25mm. The variation in the dimensions of the risers and the going of the treads in any one flight shall be not more than 6 mm. Provided that this requirement shall not be construed as prohibiting the use of tapered treads in the same flight as treads that are not tapered.

CUPBOARDS / TABLE

451 Work description: Supply and install 600mm Formica post form top one side bull nose, lenth 2m work top with four draw cupboerd under top. Drawers to be fitted with locks and handels. Cupboard frame to be solid oak 20mm 40mm thick.

FIT/REPLACE ITEMS/ FURNITURE

571 Work description: Fit coat hooks
Provide and fix in the position indicated or directed, 100mm x 900mm x 22mm thick oiled and polished hardwood rails with chamfered edges, screwed to plugs in walls and provide hat and coat hooks as sample No. 173, at approximately 200mm centres, securely screwed to hardwood rails.

ROOF

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579 Work description: Supply and fix IBR roof screw for IBR sheets with bond it washers. The 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 screws.
CARE MUST BE TAKEN NOT TO DAMAGE ROOF SHEETS. DO NOT OVER TIGHTEN NEW ROOF SCREWS. N.B. Any damage to roof sheets shall be repaired or replaced by the contractor at his own expense.

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- 591 Work description: Supply and install IBR .08 thick, colour white roof covering complete Provide new gang nail roof structure and cover roof for new IBR sheeting. All work to comply with national building regulations for roof structure, SABS 0243 and SABS 0160 & 0163 for roof trusses. Pre-fabricated timber roof trusses shall comply with the requirements of SABS Specification 0163 and be constructed of South African pine as described in Clause 8.5 to the designs shown on the Manufacturer's detail drawings. The timber shall be of cross-sectional dimensions shown, cut to correct lengths with ends square or at the required angle. Trusses shall be assembled in truss fabricating jigs with the truss having the proper camber, all tightly clamped together with joints secured using approved connector plates of galvanized steel sheet. Connector plates shall be pressed into the timber simultaneously from both sides of the truss with a hydraulic press capable of exerting such pressure as will ensure complete penetration of the teeth into the timber. The connector plates shall be of such size as will ensure that the joints so made will adequately withstand the forces exerted on the joints. In coastal areas connector plates in buildings without ceilings shall be painted with two coats of epoxy tar complying with SABS Specification 901 Type 2, or rust neutralizing paint. Approval of pre-fabricated roofing systems, whether measured as an alternative or not, shall be subject to the following requirements: (a) The Manufacturer of the pre-fabricated trusses shall hold a certificate of competence issued by the Institute for Timber Construction. Fix corrugated sheets with 75 mm long for corrugated sheets or 90mm coach roof screws for IBR roof sheets with bonded washers. Profiled metal sheet roof coverings shall comply with the following minimum requirements: (a) Galvanized metal roof sheets shall have a minimum thickness of 0,6 mm for roofs of 4°— 14° pitch inclusive and 0,6 mm for roof pitches of 15° and upwards. Where any profile requires the use of steel manufactured in accordance with ASTM 446, Grade E, such steel shall be 0,5 mm thick for all pitches. PW 371/OCT '93 44 N3: All steel which is claimed to comply with ASTM 446, Grade E, shall be supplied complete with a certificate of such compliance issued by the Manufacturer. (b) Roof trusses shall be spaced at not exceeding 1,2 m centres, except where the pitch is 12° or less, when the spacing may not exceed 1 m centres. (c) Purline shall be spaced at not exceeding 1,0m centres for roof pitches of 4° to 30° inclusive and at 1,2 m maximum for roofs having pitches of 31° and greater. Purling spacing for flat metal roofs are to be as specified in Clause 7.8. (d) Unless otherwise specified in this section, profiled metal roofing sheets shall be used and fixed all in accordance with SABS Code of Practice 0237. (e) Roofing sheets for use inland shall have galvanized coating of Z275 quality. (f) Galvanized roofing sheets for use in coastal areas shall be finished with an approved factory applied paint coating. (g) All necessary cutting of sheets shall be properly performed. Cut edges at sides of valleys and where otherwise exposed shall be perfectly straight. The sheeting shall be drilled and not punched for fixing screws. Only special wood screws with proper thread will be permitted in conjunction with neoprene and metal washers. (h) Hook bolt type fasteners shall each be provided with neoprene and metal washers under nuts. (j) Metal covered roofs having a pitch of 4° or less shall be as later specified for flat metal roofs in Clause 7.8. The provision and use of protective roof boards is compulsory. (k) The Contractor is to submit a certificate, signed by the Merchant, stating that the galvanized roof covering supplied complies with the required thickness specified. (l) Roof sheets shall be in single lengths to each slope of roof or to both roof slopes where a ridge is to be formed by bending the sheets over the ridge. (m) The use of any approved factory applied paint finish shall in all cases be in addition to the galvanized coating as specified. 7.6.2 PROFILES: a) Corrugated roofing sheets: Corrugated galvanized iron roofing sheets shall comply with SABS Specification 934 with corrugations 17,5 mm deep at 76 mm centres giving an effective width of approximately 610 or 762 mm between the crests of the outermost corrugations respectively, all coated with zinc having a mass of not less than that indicated in the following table for the three classes of galvanizing specified: g/m² of surface area Average Individual (Minimum) 600 510 450 385 275 235 At exposed verges of roofs the iron shall be finished with neatly formed rolls. The sheets shall have side laps of not less

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than one and a half corrugations. The minimum end laps for the different roof slopes shall be in accordance with the following table: Slope of roof End lap ; , (mm) greater 150 30° 175 25° 200 20° 225 300 (b) Rib-trough roof sheeting: Rib-trough roofing sheets shall be pressed to toughed profile with ribs not less than 50 mm deep at not exceeding 275 mm centres or with ribs not less than 28 mm deep at not exceeding 190 mm centres. The sheets shall be lapped one rib at sides and fitted with approved sealing strips as supplied by the Manufacturer of the sheeting and fixed at each alternate rib to every purlin. Bottom ends of troughs are to be bent down to form drips at gutter and bent upwards at ridges to prevent backflow of water using an approved tool. 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.

- 639 Work description: Paint expose roof timber purlin.
Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.
- 640 Work description: Paint expose roof timber sprockets.
Item include cleaning by washing off all dirt. Remove all loose, chalky, flaking, peeling paint from wood, sand and wipe off sanding dust with damp cloth and leave to dry before applying paint.

FACIA/BARGE BOARDS

- 655 Work description: Fit fascia board.
Provide 230 x 12mm nutec fibre cement fascia board. Fix nutec fascia boards to existing wood fascia boards using 2 no 8 * 38mm countersunk wood screws at 900mm intervals and 75mm from both sides of joints. One 30 mm from top edge and 30mm from bottom edge. Use right type of jointer at joints. The edge of fascia boards shall be cut vertically. Full length boards shall be used. If necessary to joint in section of fascia board, these section shall not be shorter than 500mm. Fascia boards shall be fit in horizontal straight line
- 657 Work description: Paint fascia board cement fibre 1 under coat and 1 white gloss paint.
CEMENT FIBRE FASCIA BOARDS WITH PAINT IN GOOD CONDITION: Clean from all dust and dirt with approved detergent and rinse with clean water. Remove all defective paint and completely wipe off all sanding dust with a damp cloth, spot prime all nail and screw heads and apply one coats Plascon paint or Dulux white gloss paint or approved paint for cement fibre products.

GUTTERS/DOWNSPIPES

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- 666 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 exceed 1m.
- 672 Work description: Paint gutters outside complete
Previously painted gutters: Remove all defective paint, sand gutter complete and clean surface from all dust and dirt. Apply one coat universal undercoat and one coat of gloss enamel.
- 676 Work description: Fit down pipe, complete.
Down pipes shall be fitted with all necessary offsets shoes and holder bats. Down pipes shall be fixed vertical level.
- 680 Work description: Paint down pipe complete
Sand down pipe completely and clean from dust and dirt. Apply one coat universal undercoat and one coat of gloss enamel.

WALLS EXTERIOR

- 692 Work description: Build foundation wall stock brick inside and face bricks outside 220mm to 280mm
Supply approved as specified face bricks. Clay brick shall comply with SABS 227. A foundation wall is that wall built on top of the concrete foundation strip, to the height of the floor slab. All foundation walls must be 220mm (two bricks) wide. If a foundation wall is going to be higher than 1,5m, the building should be stepped to accommodate the slope of the land. If such a foundation wall is also used as a retaining wall, it is advisable to build it 330mm (3 bricks) wide. Foundation walls of higher than 1 m should be reinforced with brick course every second layer, as well as when clay condition occur. 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. Bricks of different composition are not to be mixed and build into the same wall. Clay bricks shall be well saturated with water, in the stack or dump, approximately 2 hours before being used. The tops of walls left unfinished shall be well wetted before work recommences. NB; Cement or concrete bricks shall not be wetted. All rough and fair cutting, cutting of splays, skewbacks, chamfers, etc. shall be properly performed. Form or leave all necessary openings for pipes etc. and make good after pipes etc. are fixed in position. Mortar joints to brickwork generally shall be 10 mm in thickness with level bedding joints.

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- 695 Work description: Lay damp-proof course for wall
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.
- 698 Work description: Build walls (220mm face OUTSIDE AND COMMON INSIDE).
Supply approved, as specified face bricks. Clay brick shall comply with SABS 227. The mortar for wall shall be 1 part PPC cement and 6 parts clean, approved building sand. All masonry shall be plumb, level, straight and true, correctly bonded and shall rise uniformly with no portion exceeding 1,2m above any other part of the work. Brick force shall be installed on every 4 layers of brick. Clay bricks shall be well saturated with water, in the stack or dump, approximately 2 hours before being used. The tops of walls left unfinished shall be well wetted before work recommences. NB; Cement or concrete bricks shall not be wetted. All rough and fair cutting, cutting of splays, skew backs, chamfers, etc. shall be properly performed. Form or leave all 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. Face brick work is to be built with facing bricks as described and pointed as directed with recessed or keyed joints. Walls, unless otherwise specified, are to be built with cement mortar. Necessary openings for pipes etc. are to be made good after pipes etc. are fixed in position. Mortar joints to brick work, generally shall be 10 mm in thickness with level bedding joints and vertical perpends. The joints in brickwork receiving plaster, tiling or similar finishes, shall be raked out whilst the mortar is soft to form key for the plaster or mortar backing.
- 700 Work description: Supply and place pre-cast lintel in position on mortar bed.
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 in the table hereunder, and brick courses over lintels of the number indicated in the table and for the full length of lintels shall be built in 3:1 cement mortar with all
- 702 Work description: Do beam filling under IBR roof
Beam filling shall be half brick wide, built with same mix mortar as used in the walls and shall be cut in between roof timbers and carried up to underside of roof covering If face bricks are specified, brick shall be straight and neatly cut.
- 704 Work description: Supply and fit/replace cement type airbrick
Form openings in external walls in the position shown and provide and build in approved 228 x 150mm. Use pre-cast concrete exterior type airbrick. Airbrick to be fixed level and flushed with wall

WINDOWS EXTERIOR

- 745 Work description: Install brick on edge windowsill
Lay damp-proof course. New face bricks shall be used and shall be built in with 4:1 cement mortar, with joints between face bricks to be pointed.

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PLUMBING EXTERIOR

911 Dig and provide french drain complete with pipes and accessories.

EXCAVATIONS/BACKFILL

835 Work description: Dig trench

Definitions: Earth shall mean ground that can be removed by hand tools pick and spade and shall include loose gravel, clay ground, loose or soft shale, loose oukclip and any loose boulders less than 75 mm in diameter. Soft rock shall mean rock that can be loosened by hand, pick or crowbar and includes hard shale, compact oukclip, stone of a similar hardness and boulders from 75 mm diameter up to 0,03 cubic metres in volume. Hard rock shall mean granite, quartzite sandstone, slate and rock of similar or greater hardness and boulders from over 0,03 cubic metres in volume. Excavations for drainage trenches shall be of depths and gradients shown on drawings or as directed. Trenches shall be excavated to straight lines and shall be of sufficient width to allow adequate working space. Sight rails, boning rods, etc. shall be employed in excavating the trenches to ensure even gradients. Any soft or loose areas in the trenches shall be filled in with well rammed earth, or other approved filling. Uneven bottoms in rock cutting shall be made good with Class A concrete, but with 19 mm stone. Any excavations taken out too deep shall be made up with well rammed/compacted earth, or other approved filling, at the Contractor's expense. Properly perform all planking and strutting to sides of trenches and excavations as may be required. The excavations and trenches shall be kept free from water and other liquids, by pumping, baling or otherwise. Every excavation which is accessible to the public or which is adjacent to public roads or thoroughfares, or whereby the safety of persons may be endangered, to be- STAATSKOERANT, 18 JULIE 2003 No. 25207 35 (j) adequately protected by a barrier or fence of at least one metre in height and as close to the excavation as is practicable; and (ii) provided with warning sign or any other clearly visible boundary indicators at night or when visibility is poor; 0) ensure that all precautionary measures as stipulated for confined spaces as determined in the General Safety Regulations promulgated by Government Notice No.R.1031 of 30 May 1980, as amended, are complied with when entering any excavation; (k) ensure that, where the excavation work involves the use of explosives, a method statement is developed in accordance with the applicable explosives legislation, by an appointed person who is competent in the use of explosives for excavation work and that the procedures therefor are followed; and (l) cause warning signs to be positioned next to an excavation within which persons are working or carrying out inspections or tests.

840 Work description: Back fill to drain trenches:

Approved backfilling for the first 300 mm shall be free of stone or other hard particles larger than will pass a mesh of 10 mm in the clear and shall be carefully placed around the pipes to a height of 300 mm above top of pipes, watered and lightly rammed on either side and filled in above this level with filling, watered and well rammed in layers not exceeding 300 mm in depth and thoroughly consolidated to finished ground level. If the material from the excavations is found to be unsuitable as backfilling for drainage trenches and inspection chambers, etc. Approved filling shall be imported and a VO shall be made out for the cost.. Surplus excavated material: All surplus earth and other materials arising from the drainage work shall be deposited and levelled on the site or carted away as directed by the Representative/Agent. All surplus earth and other materials resulting from the excavations are to be deposited on site and levelled or carted away

MASS CONCRETE/REINFORCING

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

TENDER NO:

ASSET NO:

ITEM NO. SPECIFICATIONS PER ITEM.

845 Work description: Mass concrete for foundations, 20MPa.
CURING OF CONCRETE: After the concrete has been placed, all exposed surfaces shall be continuously kept damp for at least 10 days by methods as may be approved by the Representative/Agent. Such methods include covering with approved building paper, by means of wet canvas, wet sacks, wet sand, by continuous hosing or ponding with water. Where the term "plain concrete" appears in SABS Specification 1200G it shall be read as "mass concrete" CEMENT: Cement shall be Portland cement complying with the requirements of SABS Specification 471 or PC15 complying with SABS Specification 831. Samples of cement from any one, or from every consignment, may be required by the Representative/Agent for test purposes. Cement in any consignment from which a sample may have been taken for testing shall not be used until it has been approved. Allowance must be made for possible delays in that tests may take 10 days to carry out. Bags of cement shall be stacked in a waterproof, solidly constructed shed with a central door and a floor rendered damp-proof with a tarpaulin. The bags of cement shall be closely stacked (but not against walls) in order to reduce air circulation, in such a manner that the cement is used in the order in which it was received, i.e. first in first out. SAND (FINE AGGREGATE): The fine aggregate shall comply with the requirements of SABS Specification 1083. Other aggregates may be approved if they have a satisfactory history and/or test results. No aggregate may be used until it has been approved. Samples having a mass of 25 kg (16,5 litre) may be required by the Representative/Agent for test purposes. Samples having a mass of 25 kg shall be forwarded every 3 months during concreting work and also if the source of supply is changed. Allowance must be made for possible delays in that the tests may take 14 days to carry out. STONE (COARSE AGGREGATE): The coarse aggregate shall comply with the requirements of SABS Specification 1083. No aggregate may be used until it has been approved. Samples having a mass of 25 kg (16,5 litre) may be required by the Representative/Agent for test purposes. Samples shall be forwarded every three months during concreting work and also if the source of supply is changed. Allowance must be made for possible delays in that the tests may take 14 days to carry out. NB: Certain fine grained sand and stone originating from the Beaufort Series and Karol Systems which are known by reputation, local experience or tests, to exhibit excessive shrinkage when used in concrete, may be deemed unacceptable by the Representative/Agent. A certificate of proof is required from the Contractor that the aggregates are not alkali reactive. The cost of testing and certification are to be borne by the Contractor. CONCRETE: Concrete shall be of the classes given in the following table. The proportions of the ingredients and the nominal size of the coarse aggregate for each class shall be as laid down therein, unless otherwise specified. Class B concrete shall be used for mass concrete and Class E concrete for reinforced concrete. Maximum concrete slumps acceptable for different types of construction concrete are as follows: (a) Vibrated reinforced concrete = 50 mm (b) Unvibrated reinforced concrete = 75 mm (c) Mass concrete = 75 mm. When so required by the Representative/Agent, and whilst concreting is in progress, the consistency of the mixture shall be ascertained by means of the slump test as later described herein.

CONCRETE SLABS/PAVING

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

TENDER NO:

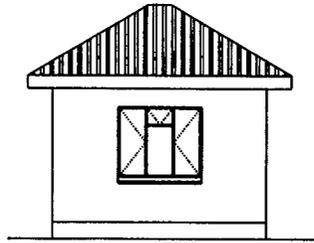
ASSET NO:

ITEM NO. SPECIFICATIONS PER ITEM.

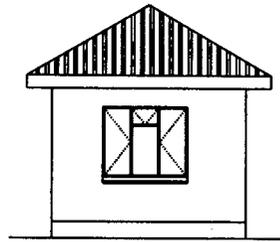
860 Work description: Lay Interlocking paving bricks. Item include levelling of ground.
PAVING BRICKS: A Class 25 MPA Grey interlocking Concrete Pavers is to be used. Thickness to be 60mm. Bricks to have a chamfer on all edges. RESTRAING EDGES. These are to be rectangular pavers and laid on a 50mm mortar bed (6sand, 1 cement) at right angles to the paving. BEDDING SAND: Sand for bedding shall be free from solids and substances that may be deleterious to blocks. JOINTING SAND: Sand shall be free of any solids and fine enough to penetrate joints. PLANT: A Mechanical Plate Vibrator is to be used to bed the blocks and vibrate the jointing sand into the joints. GENERAL: Bricks are to be laid in accordance with the Paving Bricks manual as supplied by The Concrete Masonry Association. Correctly graded sand to be used for bedding and jointing. Bricks are to be lightly compacted before jointing sand is applied. Excess jointing sand to be swept away and removed. Any area showing signs of "sagging" or "kicking" will be re-laid. No "ponding" will be allowed. All manhole tops are to be relocated so as to be level with the block surface. Pavers used are to be free of any defects, cracks or breakages. Paving to be provided with a 50mm cross fall taken from centre line of road to edge. The contractor will be responsible to remove all rubble and excess material from site. Site to be left clean and tidy.

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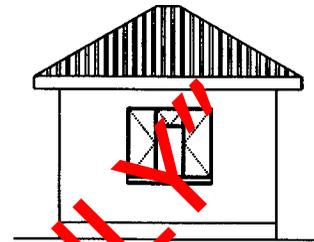
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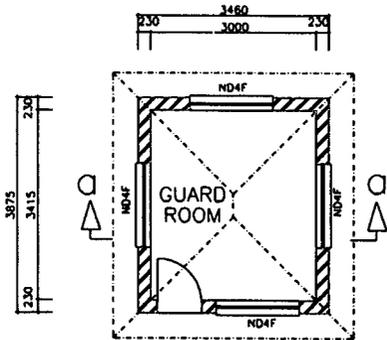
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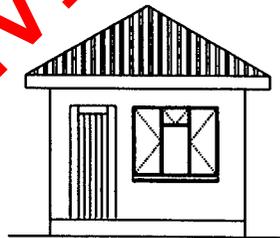
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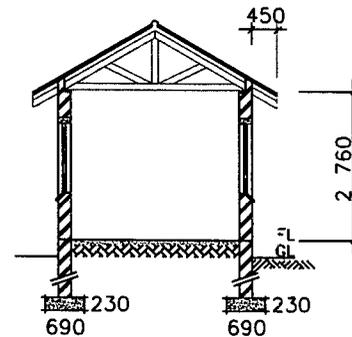
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PLAN 1:100



ELEVATION 1:100



SECTION aa 1:100

"PREVIEW COPY ONLY"

NOTES

1. 0,8mm TROUGH SHEETING.
2. 76x50mm PURLINS AT 1200mm CRS MAX.
3. 114x38mm GANGNAIL ROOF TRUSSES AT 1400mm CRS MAX.
4. 114x38mm WALL PLATES.
5. 230x15mm A.C BARGE BOARDS.
6. 150x15mm A.C FASCIAS.
7. PRE-STRESSED CONC LINTELS ABOVE ALL OPENINGS.
8. D.P.C. TO ALL FOUNDS AND CILLS.
9. 25mm SCREED ON 75mm CONC. SURFACE BED ON 150mm WELL COMPACTED FILLING.
7. FOUNDATIONS: 600mm x 230mm.

ALL LEVELS, DIMENSIONS AND FOUNDATIONS TO BE DETERMINED ON SITE. READ FIGURED DIMENSIONS IN PREFERENCE TO SCALING.
 ALL WORK DONE SHOULD COMPLY WITH THE STANDARD AND LOCAL BUILDING REGULATIONS (SABS 0400)
 ALL DIMENSIONS SHOULD BE CHECKED BEFORE WORK COMMENCES.
 ALL TRADE PRODUCTS OR MATERIALS SPECIFIED MAY ONLY BE SUBSTITUTED WITH THE APPROVAL OF THE OWNER.

DRAWN "PrArchT" T1033
 Pieter Rossouw

BUILDING 13,40 m²

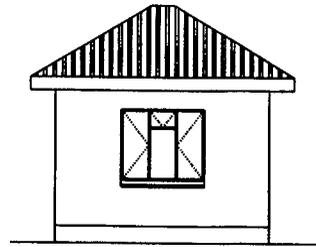
ERF 657

DATE August 2013

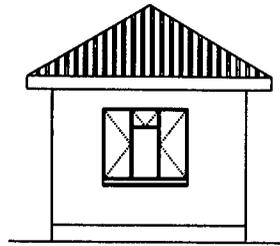
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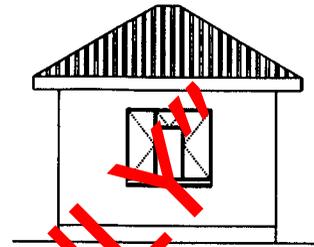

TRANSNET
 freight rail
WARRENTON
 GUARD ROOM
 AT OPERATIONS OFFICES



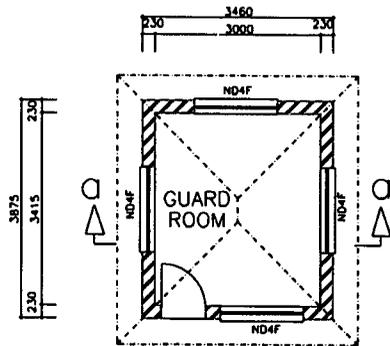
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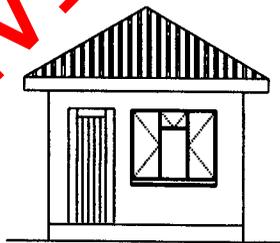
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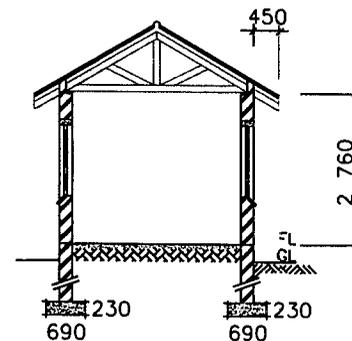
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PLAN 1:100



ELEVATION 1:100



SECTION aa 1:100

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SCALE	1:100	NO	KY	104
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TRANSNET
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