



REQUEST FOR QUOTATIONS (RFQ)

Description of Services/Goods: Material supply & Construction 40 square meter house in De Aar

Request date: 23 June 2023

Closing date: 30 June 2023 **(No late submissions will be considered)**

Closing time: 17:00 pm

Supporting Documents

The following copies must be attached when returning the RFQ:

- Copy of a valid B-BBEE Certificate/ Sworn Affidavit (Non disqualifying item but non-submission will render the bidder as non-compliant for B-BBEE points).
- CSD Registration Summary Report.
- Tax Compliance Status Pin -No award will be made to the bidder who failed to supply NHFC with a tax compliant proposal.
- National Home Builders Registration Council (NHBRC) certificate

Compulsory Requirements

Submission of the following Signed and Completed Standard Bid Documents (SBD) Forms which are attached to this request:

- SBD 4: Bidder's Disclosure-failure to complete and sign the SBD document will render your bid non-responsive.
- SBD 6.1 Preference Points Claim Form in terms of preferential procurement-failure to complete and sign the SBD document will render your bid non-responsive.
- CIDB Certificate Grade 3 and 4: failure to submit will render your bid non-responsive.
- All quotes must be prepared according to the Scope of Work/Key Deliverables

The assessment of the submission will be based on the above-mentioned documentation. Exclusion of required items may cause a disqualification. Bidders who fail to submit the required supporting documents with their bids will be requested to submit them within **24 hours** of the closing of bid for inclusion in the Bid for evaluation, if a bidder fails to submit the required supporting documents within the stipulated time, their bid may be rejected.

Rules for bidding

The NHFC reserves the right to reject submitted proposal(s) if it discovers that the bidder (or its directors/members) has any serious adverse reports, whether confirmed by a court or not, such as:

- Being cited as aiding and abetting state capture,
- involvement in fraud and / or corrupt activities;
- misrepresenting audit outcomes of an organisation;
- listed on the National Treasury restricted database;
- being under investigation or facing allegations that may result in criminal charges; or
- Any report as a result of which the NHFC may suffer reputational harm in any way by doing business with the bidder.

Enquiries and quotations regarding the RFQ must be directed to the below persons in writing only:

SCM Enquiries

SCM Official: Khensani Zungu

Email: quotations03@nhfc.co.za

SPECIFICATIONS

Construction of a 40 square meter house

INTRODCUTION

The National Housing Finance Corporation (NHFC) was established by the National Department of Human Settlements as a development finance institution (DFI) in 1996, with the principle mandate of broadening access to affordable housing finance for the low- and middle-income households.

NHFC is a national public entity, the NHFC adheres to the regulatory framework of the Public Finance Management Act (PFMA) of 1999.

The NHFC provides wholesale funding in the affordable housing market mainly to social housing institutions, non-banking retail intermediaries, privately owned property developers, construction companies and investors. It also provides loans and other form of wholesale funding (equity and quasi equity) to certain niche businesses that are in the affordable housing market.

BACKGROUND OF THE RFQ

The NHFC has pledged to donate funds to build a 40 square meter house for the Vumazonke family located in Northern Cape. The donation comes against the backdrop of Mayor's request to support the family of the destitute family. The house will be built in 24 Street, Nonzwakazi Township in De Aar. The NHFC has mandated Programme Fund Management (PFM), a division within the entity to manage and monitor every facet of construction including service providers.

PURPOSE

The purpose of this Request for Quotation (RFQ) is to solicit quotations from potential service in possession of CIDB grade three (3) and four (4) providers for construction and completion of a 40 square meter house including material supply and, management and payment of labour.

1. SCOPE OF WORK/KEY DELIVERABLES

The NHFC requires the quote on the following item(s) indicated in the below table:

No	Items Description	Quantity	Delivery Location	Expected Delivery Date
1.	Material Supply	40 ² meter house (as per BOQ)	24 Street Nonzwakazi Township De Aar	18 August 2023
2.	Construction	<ul style="list-style-type: none"> • Foundation <ul style="list-style-type: none"> ○ Raft foundation, or ○ Strip foundation, • Wall plate, • Roof, and • Finishes. 	24 Street Nonzwakazi Township De Aar	18 August 2023
3.	Labour Payment	Local labour force	24 Street Nonzwakazi Township De Aar	18 August 2023

1.1 LOCKDOWN OPERATION PROVISIONS

Kindly note that due to the Lockdown Regulations, NHFC will be operating remotely, therefore service providers should make required provision of virtual meetings.

2. EVALUATION CRITERIA

Price and Preference Evaluation

Bidders will be evaluated in terms of Price and Preference points (B-BBEE status level of contributor). As per the table below, price is evaluated over 80 points and preference points over 20:

B-BBEE Status Level Of Contributor	Number of Points
	Bids up to R50 million
1	20
2	18
3	16
4	12
5	8
6	6
7	4
8	2
Non-Compliant contributor	0

Special Conditions:

- Quotations must be submitted in the bidder's company letterhead.
- No pre-payments are allowed, awarded bidder will be paid within 30 days after receipt of invoice.
- Quotation submitted should be based on Scope of Work/Key Deliverables. Failure to adhere to scope of will render your quotation non-responsive.
- Supplier to indicate excepted delivery of service/goods as indicated in Scope of Work/Key Deliverables.
- Supplier will be evaluated on performance based on delivery of Scope of Work/Key Deliverables
- **The quotation must be submitted via email to Quotations03@nhfc.co.za**
- **No late submissions will be accepted.**

SBD 4

BIDDER'S DISCLOSURE

1. PURPOSE OF THE FORM

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise,
employed by the state? **YES/NO**

2.1.1 If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees /

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

2.2 Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? **YES/NO**

2.2.1 If so, furnish particulars:

.....

2.3 Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract?

YES/NO

2.3.1 If so, furnish particulars:

.....

3 DECLARATION

I, the undersigned, (name).....
in submitting the accompanying bid, do hereby make the following statements that I
certify to be true and complete in every respect:

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium² will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT. I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS DECLARATION PROVE TO BE FALSE.

.....

Signature

.....

Position

.....

Date

.....

Name of bidder

SBD 6.1

**PREFERENCE POINTS CLAIM FORM IN TERMS OF THE PREFERENTIAL
PROCUREMENT REGULATIONS 2022**

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE
GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE IN
RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT
REGULATIONS, 2022**

1. GENERAL CONDITIONS

- 1.1 The following preference point systems are applicable to invitations to tender:
- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and

1.2 To be completed by the organ of state

(delete whichever is not applicable for this tender).

- a) The applicable preference point system for this tender is the 80/20 preference point system.

- b) Either the 80/20 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

- 1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:
- (a) Price; and
 - (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	80
SPECIFIC GOALS	20
Total points for Price and SPECIFIC GOALS	100

- 1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“tender”** means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) **“rand value”** means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) **“tender for income-generating contracts”** means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) **“the Act”** means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 PREFERENCE POINT SYSTEMS

A maximum of 80 points is allocated for price on the following basis:

80/20

$$Ps = 80 \left(1 - \frac{Pt - P_{min}}{P_{min}} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmin = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 points is allocated for price on the following basis:

80/20

$$Ps = 80 \left(1 + \frac{Pt - P_{max}}{P_{max}} \right)$$

Where

Ps = Points scored for price of tender under consideration

Pt = Price of tender under consideration

Pmax = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/ documentation stated in the conditions of this tender:

4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—

(a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or

(b) any other invitation for tender, that either the 80/20 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,

then the organ of state must indicate the points allocated for specific goals for both the 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this tender	Supporting evidence for meeting preferential procurement targets (bidder to provide the below supporting evidence to claim allocated points for each specific goal)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (80/20 system) (To be completed by the tenderer)
B-BBEE status contributor level. Valid affidavit (as issued by DTI/or CIPC), must be an original or certified copy or a certified copy of SANAS accredited verification certificate	B-BBEE status contributor level. Valid affidavit (as issued by DTI/or CIPC), must be an original or certified copy or a certified copy of SANAS accredited		

	verification certificate		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of
company/firm.....

.

4.4. Company registration number:
.....

4.5. TYPE OF COMPANY/ FIRM

- ☐ Partnership/Joint Venture / Consortium
- ☐ One-person business/sole propriety
- ☐ Close corporation
- ☐ Public Company
- ☐ Personal Liability Company
- ☐ (Pty) Limited
- ☐ Non-Profit Company
- ☐ State Owned Company

[Tick applicable box]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

- (a) disqualify the person from the tendering process;
- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and

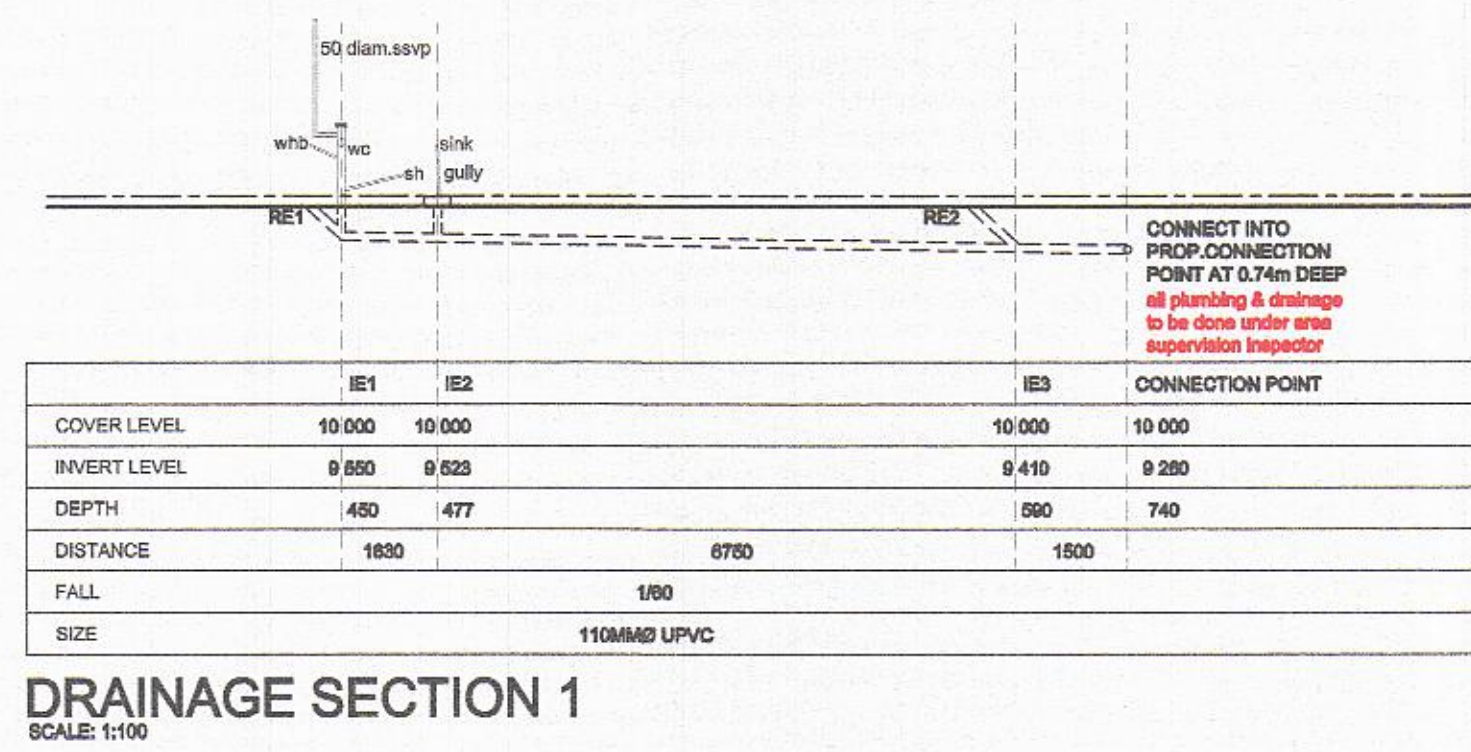
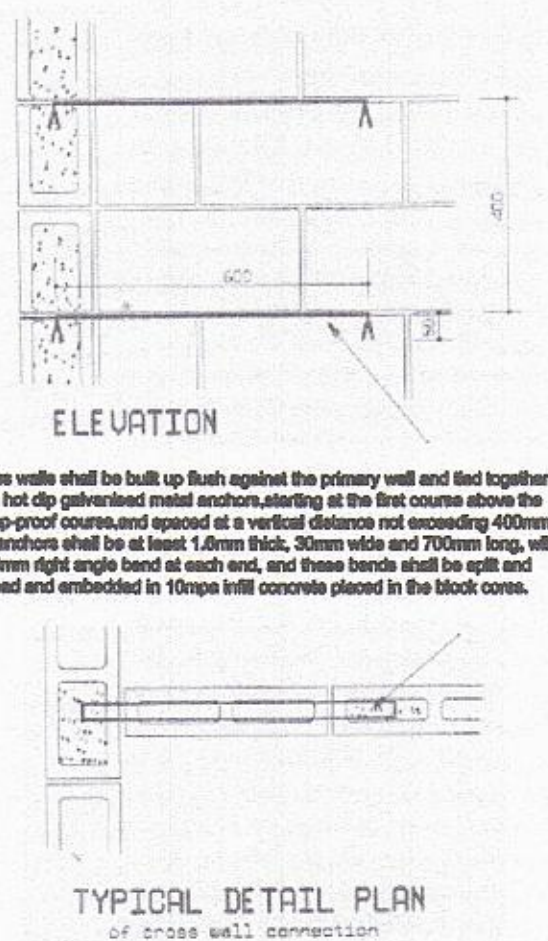
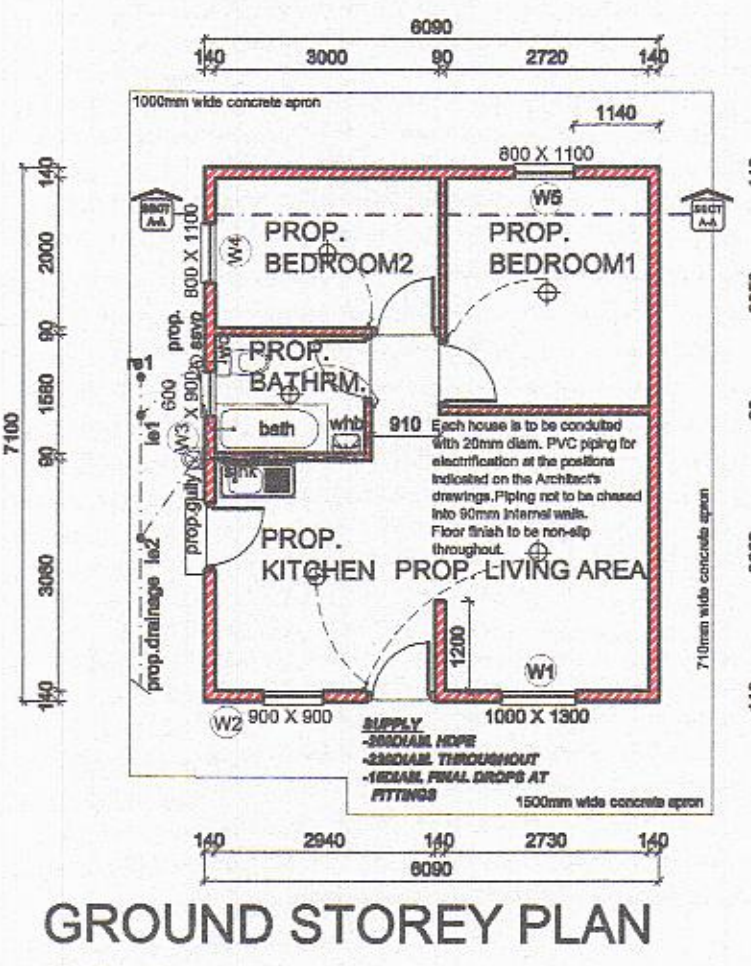
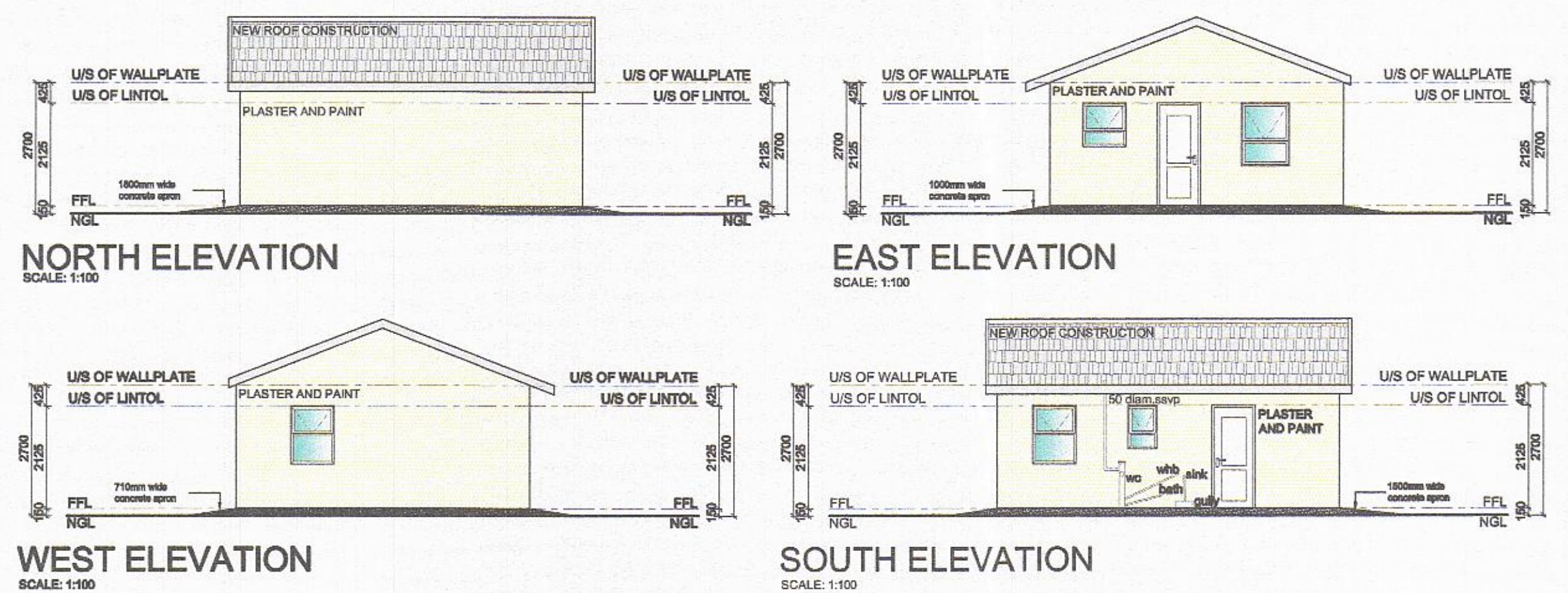
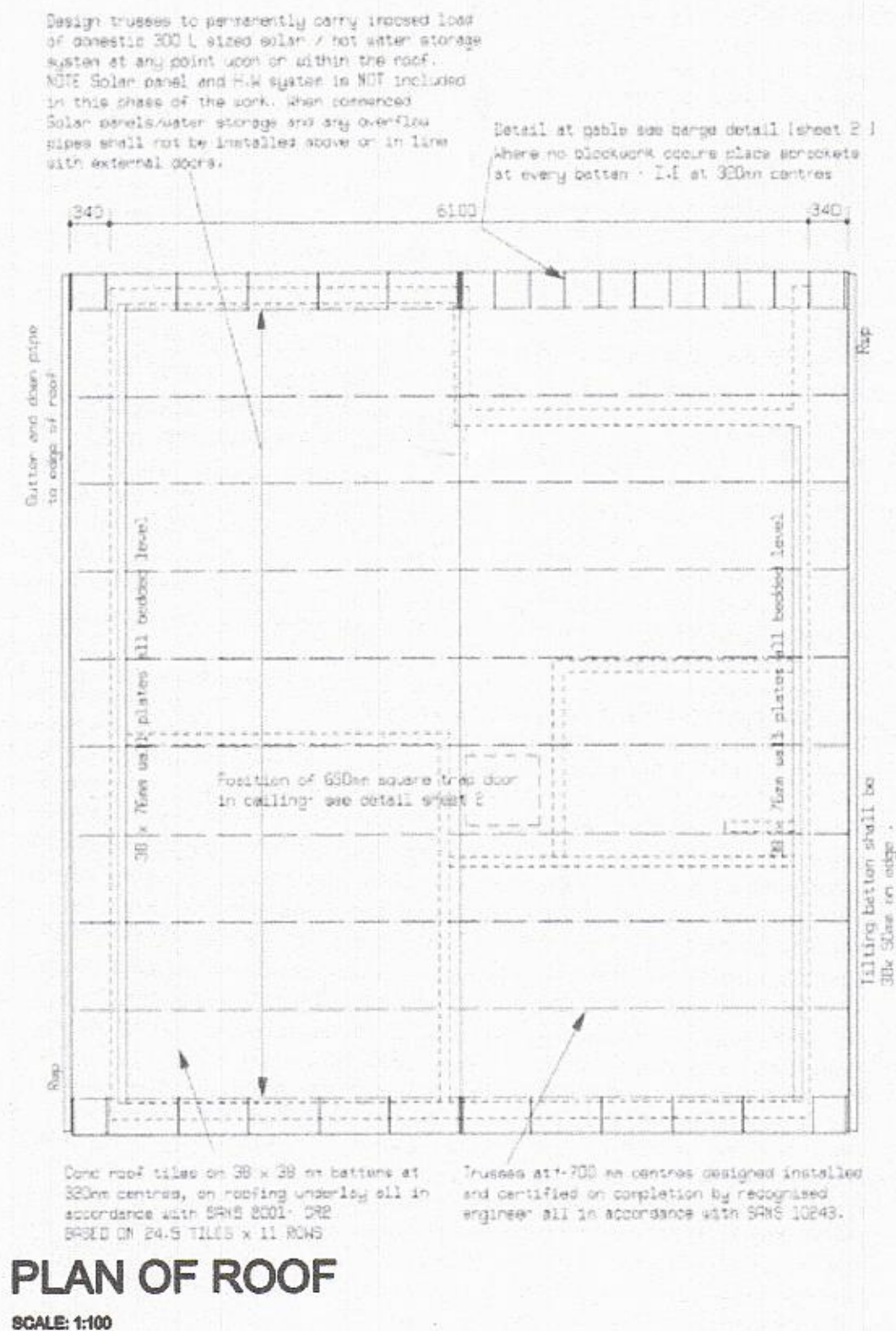
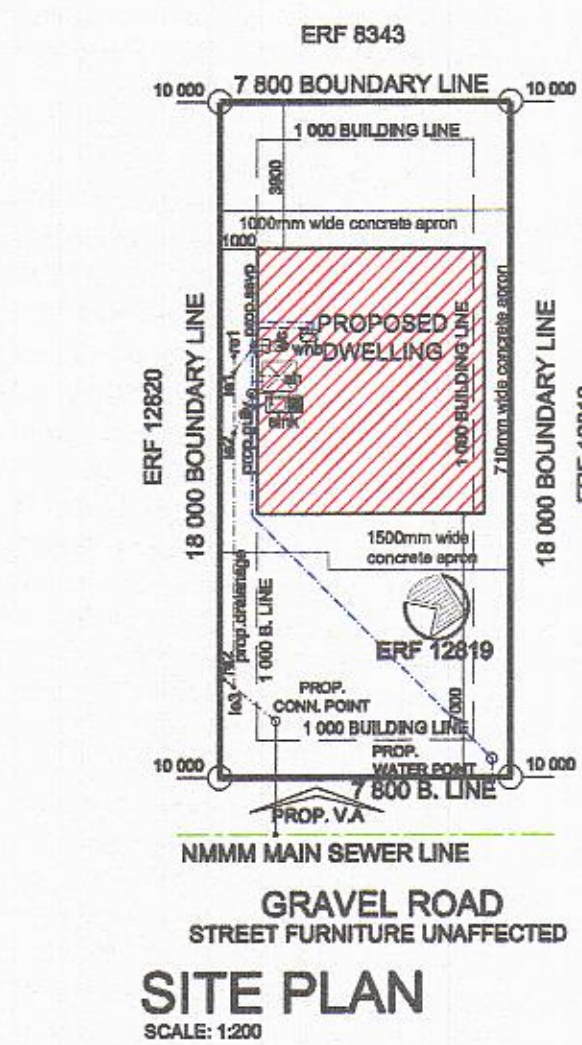
(e) forward the matter for criminal prosecution, if deemed necessary.

.....
SIGNATURE(S) OF TENDERER(S)

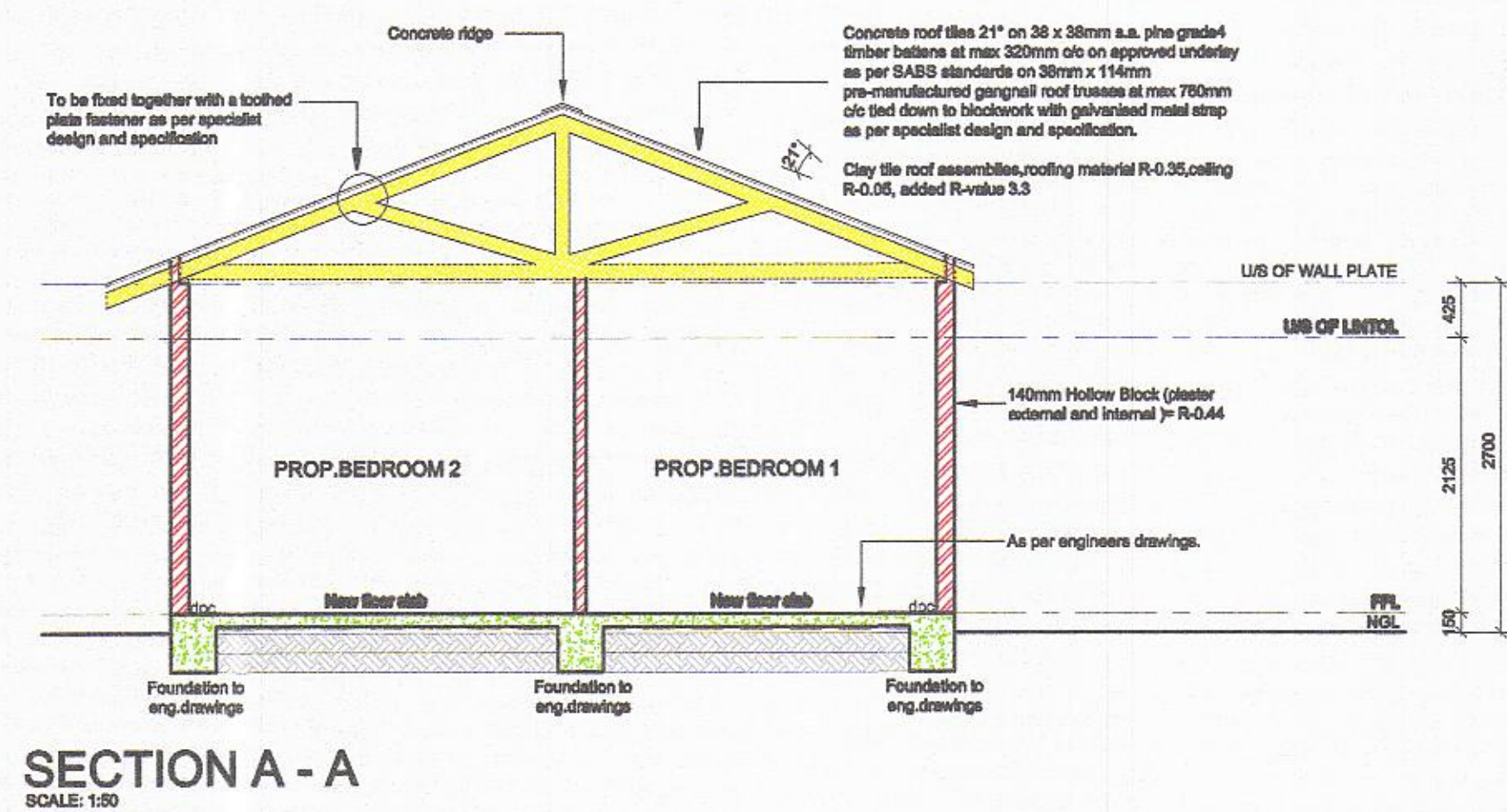
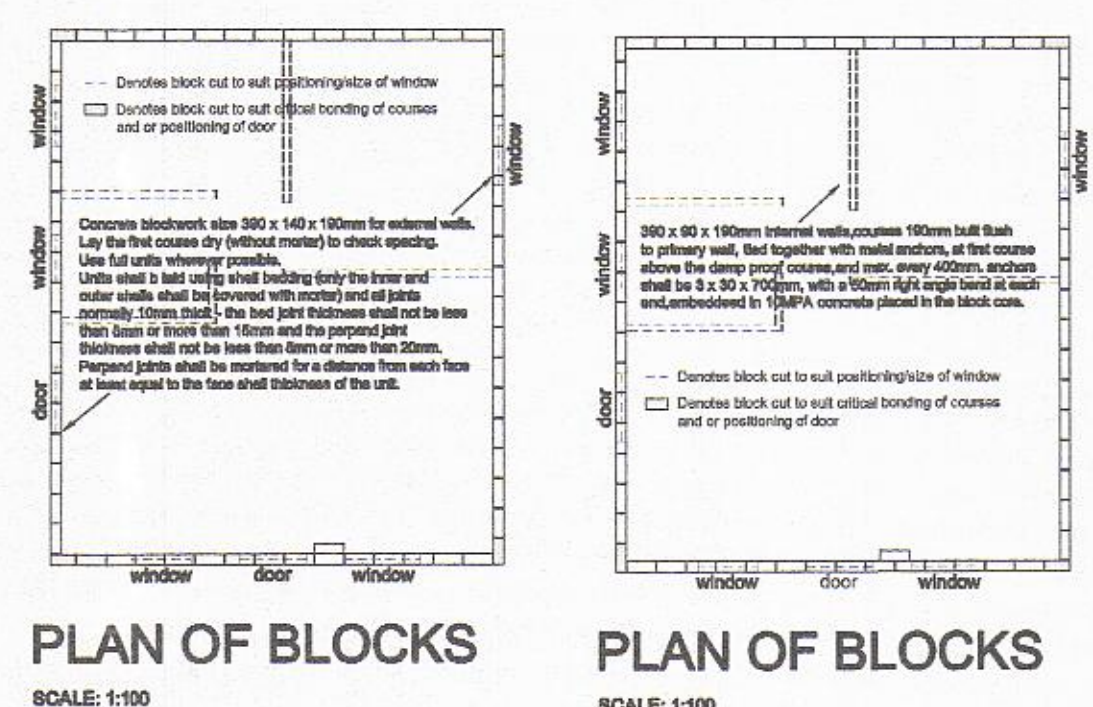
SURNAME AND NAME:

DATE:

ADDRESS:

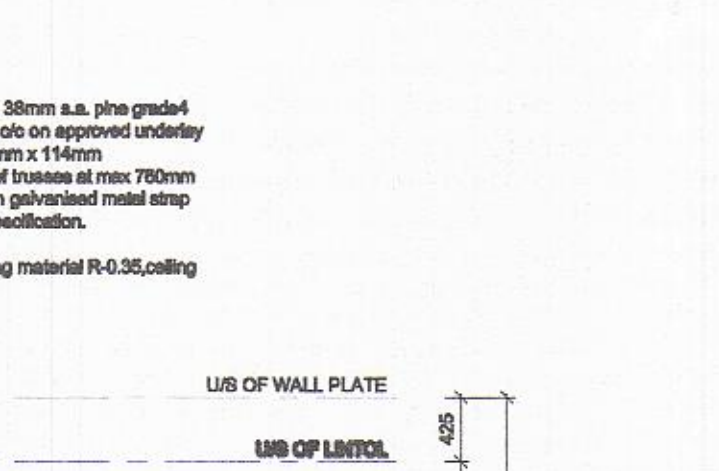
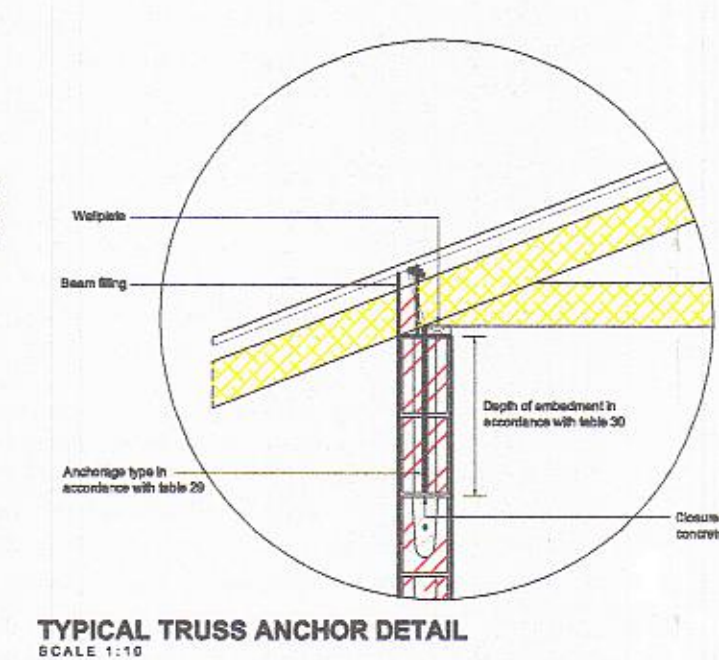
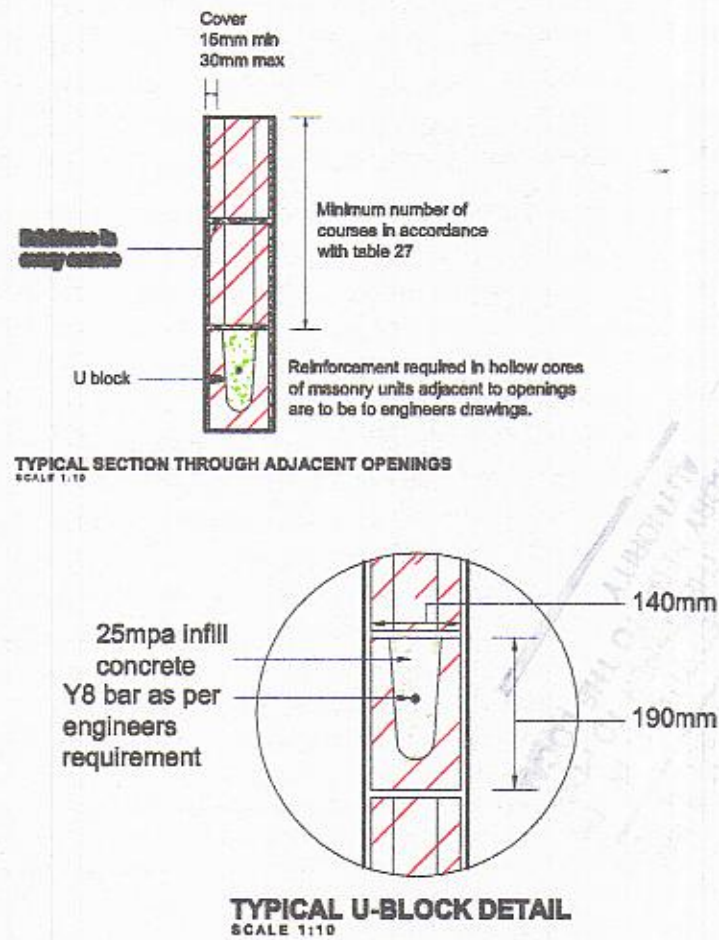


BENEFICIARIES NAME:.....
I.D NUMBER:.....
I.....HERBY GIVE POWER OF
ATTORNEY TO UMZI WASE GQEBERHA HOUSING
ASSOCIATION TO SUBMIT BUILDING PLANS ON MY
BEHALF TO THE NMBM.
SIGNATURE OF BENEFICIARY:.....



Summary	Conductance	SHG
Net Floor Area m2	41.00	41.00
Constant	1.40	0.13
Achieved / Floor Area %	0.25	0.01
Window/ Floor Area %	10.76	
Maximum Permitted	57.40	5.33
Achieved	10.27	0.59

Windows					
Orientation	No:	Type	Dimensions		Area m2
			Height	Width	
E	W1	Alum/ Single Clear	1.30	1.00	1.30
	W2	Alum/ Single Clear	0.90	0.90	0.81
S	W3	Alum/ Single Clear	0.90	0.60	0.54
	W4	Alum/ Single Clear	1.10	0.80	0.88
W	W5	Alum/ Single Clear	1.10	0.80	0.88
Totals					4.41



300810
PLANNING
These plans have been
approved in terms of
the Act 102 of 1977
and are valid for use
in the area of the
Building Control Officer
PLAN VALID FOR 10 YEARS

WATER DIVISION (Operations)
Building Plans recommended
for approval
27 MAR 2018
Name: M. J. D. M.

NOTE- NO HOT WATER PIPES TO BE INSTALLED

- NO SOLAR GEYSER TO BE INSTALLED

- NO HEAT PUMP TO BE INSTALLED

NOTE- CONTRACTOR TO VERIFY ALL HEIGHTS, LEVELS & THE WORK.

- THIS DRAWING IS NOT TO BE SCALED.

- ALL WORK TO COMPLY WITH NBR & ALL AUTHORITY BY-LAW.

- ALL FINISHES TO BE SPECIFIED ON PLAN ARE TO BE CLIENT'S FINAL CHOICE

ROOF CONSTRUCTION
See Section A-A

FACIA
228x12mm sap painted fascia board fixed to rafter ends.

GROUND FLOOR CONSTRUCTION
As per engineers drawings.

WALLS
External skins of approved well 140mm hollow concrete blocks and interior skins of approved well 60mm hollow concrete blocks complying with SANS 10400K. Laid with 10mm thick horizontal and vertical mortar joints in Class 2 mortar. Both interior and exterior walls to be plastered and painted. Minimum permissible strength of load bearing concrete blockwork is 7.0 MPa (SABS APPROVED)

WALL FINISH
Interior wall finishes to be plastered and painted with an approved acrylic pva paint.
Exterior wall finishes to be plastered and painted with an approved acrylic pva paint.

WINDOWS
U-Block as per typical details above all window and door openings. Internal sills to be plastered and painted. Aluminium windows to be fitted throughout.

GENERAL NOTE
All workmanship, materials and methods must conform with NHBRC Technical Requirements, SANS 10400 and any other applicable standard.

ELECTRICAL
All lights and fittings to be energy efficient.

ELECTRICAL LEGEND

15 amp single wall plug

15 amp double wall plug

Celling light point

Wall light point

1200mm fluorescent tube

Stove connection

Gayser

Outdoor meter box

Distribution board

15 amp wall plug

Telephone point

FIRE LEGEND

Escape route

Emergency exit

Fire hydrant

Fire hose reel

Fire extinguisher

First Aid

Symbolic safety signs to comply with SANS 10400 XA
Standby electricity (emergency lights to be installed)

FIRE PLAN

JEROME GEORGE
SACAP Registration Number: T 0357
Professional Senior Architectural Technologist

PROJECT MANAGEMENT & BUILDING DESIGN JD'S

PROPOSED NEW DWELLING- TYPE 2 WITHOUT PORCH ON ERF 12819 WALKER PORT ELIZABETH FOR UMZI WASE GQEBERHA HOUSING ASSOCIATION

TOWN PLANNING INFORMATION

ERF AREA : 140m2
EXISTING AREA : 0m2
ADDITIONS : 45m2

TOTAL AREA : 45m2
COVER : 32%
NO. OF BATHROOMS : 1
NO. OF GARAGES : 0

SCALE 1:50, 1:100 & 1:200

ERF NO: ERF 12819 WALKER

DRAWN JEROME GEORGE PR. SENIOR ARCH TECH.

ARCHITECTURAL TECHNICIAN'S SIGNATURE

DATE 01 SEPTEMBER 2016

PROJECT NO. 003/A2/16

OWNER'S SIGNATURE

PROJECT TITLE: UMZI WASE GQEBERHA HOUSING ASSOCIATION



PIXLEY KA SEME

DISTRIKSMUNISIPALITEIT
DISTRICT MUNICIPALITY
U-MASIPALA WENGINGQI

*Culvertweg
Privaatsak X1012
DE AAR
7000
Telefoon (053) 631-0891/2-6
0891/2-6
Faks (053) 631-2529
e-mail: pixley@telkomsa.net*

*Culvert Road
Private Bag X1012
DE AAR
7000
Telephone (053) 631-*

*Fax (053) 631-2529
e-mail: pixley@telkomsa.net*

Verwys:
Refer:

Navrae:
Inquiries:

Datum:
Date: 27 Feb. 23

TO: Executive Mayor

CC: Housing Manager

FROM: Technician IDHP

RE: DEMOLITION OF HOUSE IN NONZWAKAZI (STREET 3)

Your request dated 27th of February 2023 and the subsequent site visit of Messrs McKenzie and Dingile, refers.

The explanation given was that the house had defects and would need to be demolished, after careful consideration the following failure points was identified:

- No brick force evident as the house was build with 390 mm x 190 mm M190 building blocks
- Asbestos roof is evident which is a health hazard to the household.
- Cement is crumbling when rolled into your hands

During the investigation there was no clear evidence that the foundation showed settlement or movement as can be found in a raft foundation. The other houses surrounding the house was either upgraded by building more rooms or some sort of modification. The pictures below will indicate poor workmanship . A geotechnical report would have shown that there might be some sort of settlement or shifting of the foundatons.

The house needs to be demolished and the asbestos roof transported by a certified company. The house needs to be build by from the foundation, superstructure to the complete structure.



No connection between the corners (brickforce could have assisted to mitigate the risk)

Due to the bricks used and poor workmanship there is no connections at the corners.



The cement is crumbling and showing some strenght loss. Concrete should increase with strength but in this instance it shows deterioration due to environmental factors. There is no previous test results on the bricks.



The foundation is a strip foundation no movement or settlement evident.



Longitudinal cracks due to no brickforce evident and poor workmanship.

RATES FOR DEMOLITION

Description	Rate	Unit	Comment
Normal one storey building demolition	R298.00	/m ²	Excludes disposal of waste
Strip footing demolition	R145.10	/m ²	
Asbestos roof transportation	-	/ton	Certified company to do it.

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 1</u></p> <p><u>ALTERATIONS</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>View site</u></p> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re-fixing including taking off, easing and rehanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described . Re-painting or re-varnishing is given separately</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolith, tops of walls, etc, shall be levelled and prepared for raising of brickwork</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> <p><u>REMOVAL OF EXISTING WORK</u></p> <p><u>Breaking up and removing reinforced concrete, including cutting off and removing reinforcement:</u></p> <p>1 Strip footings, bases, etc. m2</p> <p><u>Demolition of single storey building as per PIXLEY KA SEME quote dated 27 February 2023</u></p> <p>2 Demolition m2</p> <p><u>Take down asbestos roof sheeting and cart off site (contractor to follow precautionary guidelines as per Occupational Health & Safety Act):</u></p> <p><u>Note: The contractor shall keep the area of the works, where the roof has been removed, weatherproof by means of tarpaulins, etc. for the entire period that the area is without a permanent weatherproof roof covering. The cost of all repairs consequential upon the contractor failing to comply with the requirements will be for the contractor's sole account.</u></p> <p>3 Asbestos 'Bigsix' profile roof sheeting and timber purlins m2</p> <p><u>Rubble Removal</u></p> <p>4 6m³ skip No</p> <p>Carried to Sectional Summary</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 3</u></p> <p><u>CONCRETE FORMWORK AND REINFORCING</u></p> <p><u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7, "Tests" of SABS 1200 G, shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the principal agent. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the principal agent. (Test cubes are measured separately)</p> <p><u>Breeze concrete</u> Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated</p> <p><u>Lightweight concrete</u> Lightweight concrete shall have a density of 600kg/m³ for the top 50mm and 400kg/m³ for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm</p> <p><u>Formwork</u></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p> <p>Formwork to soffits of solid slabs, etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p> <p>Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described</p> <p>Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"</p> <p><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> <p><u>25MPa/19mm concrete:</u></p> <p>1 Apron m3</p> <p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> <p><u>25MPa/19mm concrete:</u></p> <p>2 Concrete foundation in raft m3</p> <p><u>TEST BLOCKS:</u></p> <p>3 Making and testing 150 x 150 x 150mm concrete strength test cube. No</p> <p><u>CONCRETE SUNDRIES</u></p> <p><u>Finishing top surfaces of concrete smooth with a wood float:</u></p> <p>4 Surface beds, slabs, etc. m2</p> <p><u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u></p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
5	<u>Rough formwork to sides:</u> Edges not exceeding 300mm high	m			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	REINFORCEMENT				
	<u>Mild steel reinforcement to structural concrete work:</u>				
6	8mm Diameter bars	t			
	<u>High tensile steel reinforcement to structural concrete work:</u>				
7	12mm Diameter bars	t			
	<u>Fabric reinforcement:</u>				
8	Type 193 fabric reinforcement in concrete surface beds etc.	m2			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS</u></p> <p><u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Nature of ground</u> The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be gravel, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p> <p>A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p>"earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p><u>Subterranean water</u> The water table is expected to vary between approximately ?m and ?m below natural ground level. The removal of subterranean water is given separately</p> <p><u>Excavation for working space in rock</u> Notwithstanding clause 11, page 8 of the Standard System of Measuring Building Work, excavation for working space in rock will be measured in cubic metres to the extent executed and given as "extra over" bulk excavation or trench and hole excavation as the case may be</p> <p><u>Carting away of excavated material</u> Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p> <p><u>Filling</u> Notwithstanding the reference to prescribed multiple handling in clause 1, page 6 of the Standard System of Measuring Building Work, prices for filling and backfilling shall include for all selection and any necessary multiple handling of material</p> <p><u>Testing</u> Prices for filling are to include for all necessary density tests in accordance with SABS 1200D</p> <p><u>SITE CLEARANCE, ETC.</u></p> <p><u>Site clearance</u></p> <p>1 Stripping average 150mm thick layer of top soil and stockpiling on site</p> <p><u>Excavation in earth not exceeding 2m deep:</u></p> <p>2 Trenches</p> <p><u>Risk of collapse of excavations:</u></p> <p>3 Sides of trench and hole excavations not exceeding 1,5m deep</p> <p><u>Keeping excavations free of water:</u></p>				
		m2			
		m3			
		m2			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4	Keeping excavations free of all water other than subterranean water (per location)	Item			
	<u>Earth filling supplied by the contractor compacted to 98% Mod AASHTO density:</u>				
5	Under floors, steps, pavings, etc.	m3			
	<u>Compaction of surfaces:</u>				
6	Compaction of ground surface under floors etc by wetting and compacting with a vibratory roller	m2			
7	Compaction of ground surfaces under pavings etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m2			
	<u>Prescribed density tests on filling:</u>				
8	"Modified AASHTO Density" test	No			
	<u>PROTECTION AGAINST TERMITES</u>				
	<u>Apply Chlorodane or Aldrin soil insecticides in strict accordance with manufacturers instructions and SABS 1165:</u>				
9	Under floors, pavings, etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming	m2			
10	Bottoms of foundation trenches	m2			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u> <u>BILL NO. 8</u> <u>CARPENTRY AND JOINERY</u> <u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008 <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing</u> Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere <u>Joinery</u> Descriptions of frames shall be deemed to include frames, transomes, rails, etc Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts <u>Decorative thermosetting plastic laminate covering</u> Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish <u>ROOFS, ETC.</u> <u>Sawn softwood grade 5:</u> 1 38 x 114mm Wall plates including bed and level in cement mortar m 2 38 x 114mm Longitudinal bracing m 3 Truss type howe exceeding 3.9m not exceeding 6.6m in span wide and approximately 2m high overall No 4 <u>ROOF SUNDRIES</u> 5 Two coats creosote on sawn roof timbers m2 <u>Wire ties</u> 6 4mm Diameter galvanised wire tie 450mm girth bent double, embedded in concrete, bound around floor batten and twisted together including saw cuts No <u>SKIRTINGS</u> <u>Wrought softwood:</u> 7 Weatherboard No <u>DOORS</u> <u>Wrought meranti doors suitable for painting, hung to timber frame (elsewhere) including 3 Lever Union Lockset complete:</u> 8 44mm Framed, ledged and battened Z-braced door size 813 x 2 032mm high No <u>Solid core flush door with 10mm hardwood edges and veneer on both sides suitable for painting, hung to timber frame (elsewhere) including 3 Lever Union Lockset complete:</u> 9 40mm Door size 813 x 2 032mm high No <u>FRAMED FRAMES, ETC.</u> <u>Wrought meranti:</u> <u>32 X 69mm door frame fixed to brickwork:</u> 10 Rebated door frame for 813 x 2 032mm high door (door elsewhere measured) No <u>CUPBOARDS</u> The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The description, therefore, of such units shall be deemed to include for all components, assembling , housing, notching, glueing, blocking, bolting, planting on and screwing with countersunk screws, edge strips, white melamine finish to all, glass, ironmongery to be 'Blum' or similar approved, metalwork, paint or varnish finishes, etc. Prices are to include for all necessary filler pieces against walls etc.				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
11	Cupboards consist of 32mm "Post-form" or equal approved work top with white laminate finish and 2mm impact edging, 16mm white carcasses, sides, bottom, shelf, divisions and drawer components with impact edging on all exposed edges including white masonite wall backing and type 'Blum' (or equal approved) hinges to doors with one pull handle per door and drawer and drawer slides complete, with plastic legs and coverstrip.	No			
	Melamine Cupboards: Sink cupboard 1200mm x 600mm wide x 900mm high overall, comprising two equal door leaves and one shelf				
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>SECTION NO. 2</p> <p>BILL NO. 9</p> <p>CEILINGS, PARTITIONS AND ACCESS FLOORING</p> <p>PREAMBLES For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>Fixing Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere</p> <p>Ceilings Unless otherwise described ceilings shall be deemed to be horizontal</p> <p>Bulkheads Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features</p> <p>Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 900mm. Where these dimensions are more than 900mm such portions of ceilings have been included in the appropriate general items of ceilings</p> <p>Unless otherwise described bulkheads shall be deemed to be horizontal along the length</p> <p>Steel components All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121</p> <p>NAILED UP AND SCREW UP CEILINGS</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>Openings Prices for openings for light fittings, ventilation grilles, air-conditioning diffusers, etc. are to include for any necessary additional support, trimming around, etc</p> <p>6.4mm "Rhino board" or equal approved gypsum plasterboard with 50mm cover strips nailed over joints/ with pcv H- strips/ timber strips on 38x38mm sawn softwood branderings at 400mm centres Ceilings fixed to and including 38 x 38mm sawn softwood brandering at 400mm centres</p>				
1		m2			
2	Extra over ceiling for 600 x 600mm trap door	No			
3	<p>Rhino or equal approved gypsum plasterboard cornices: 70mm Coved cornices</p> <p>INSULATION</p>	m			
4	<p>Isotherm or equal approved thermal roof insulation closely fitted and laid on top of brandering between roof timbers: 50mm Thick fixed over straining wires secured over purlins at 300mm centres with galvanised hoop iron</p>	m2			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 3</u></p> <p><u>BILL NO. 1</u></p> <p><u>ELECTRICAL WORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Specifications, drawings, etc:</u> Tenderers are referred to the specification accompanying these bills of quantities for the electrical work, for the full descriptions of the following items which have been priced in conjunction with the said specification Where there is conflict between the Model Preambles and the Specifications, the Specifications will take preference</p> <p><u>Procedures for Heritage Buildings:</u> Contractor to confirm, prior to commencing construction or maintenance work, with the City of Cape Towns Environmental and Heritage Management Branch and the NHFC whether the National Heritage Resources Act or the National Environmental Management Acts are triggered by the proposed work</p> <p><u>Distribution boards, etc:</u> Distribution boards etc are to include for busbars,jumpers, neutral bars, internal wiring and connections,circuit identification markers, control gear labels, circuit legend cards and working drawings</p> <p><u>Switches, socket outlets, etc:</u> Switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates</p> <p><u>Light fittings:</u> Light fittings are to include for hanging, fixing and connecting and for lamp holders and fluorescent tubes and lamps of the type and wattage described</p> <p><u>General Requirements:</u> The Supplementary Preambles reflected elsewhere in these Bills of Quantities shall apply equally to this Trade. All material, standards and workmanship on this service shall comply in all respects to the departments standards and the General Technical Specification for Electrical Installations for the Provincial Administration for Electrical Installations for the Provincial Administration Western Cape.</p> <p><u>Works in existing buildings:</u> The Contractors is to note that works are generally carried out in existing buildings</p>				
	<u>DISTRIBUTION BOARDS with CBI BREAKERS</u>				
1	Distribution Board, 1 x 12 way, mild steel, powder coated white surface mounted	No			
2	Prepaid Metering Device	No			
	<u>JUNCTION BOXES</u>				
3	20 to 25mm PVC 4Way box white	No			
	<u>GENERAL PURPOSE WIRE</u>				
4	1.5mm ²	No			
5	2.5mm ²	No			
6	4mm ²	No			
	<u>PVC CONDUITE SURFACE MOUNT</u>				
7	20mm including saddles and screws	m			
	<u>POWER SOCKET OUTLET</u>				
8	16 A double socket outlet 100x100 mm including wonder box and sundries	No			
	<u>LIGHT SWITCHES COMPLETE WITH PVC COVERS</u>				
9	16 A one lever light switch plate to fit 50x100 mm or 100x100 mm box	No			
10	16 A two lever light switch plate to fit 50x100 mm or 100x100 mm box	No			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
11	<u>ISOLATOR</u> 30-60 A Isolator switch to fit 50x100 mm or 100x100 mm box	No			
12	<u>Stove Coupler</u> Galvanised Stove Coupler	No			
13	<u>LIGHTS</u> <u>Bayonet lamp holders, 50 mm batten type, installed on 50 mm round boxes (round boxes measured elsewhere in the existing BoQ).</u> 160 mm: polycarbonate bowl only (Including base)	No			
14	<u>LED bayonet lamp (B22), minimum efficiency: 100 lm/W.</u> 10W LED lamp (minimum 900 lumen), neutral white 4000K	No			
	Bulkhead Light	No			
15	<u>Cable ends for copper earth conductor including glands, lugs and connections</u> 10 mm² Bare copper earth wire	m			
16	Earth spike 1,2m	No			
17	<u>SUNDRIES</u> Full survey of internal electrical installation and provision of an electrical certificate of compliance	Item			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u> <u>BILL NO. 11</u> <u>IRONMONGERY</u> <u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008 <u>SUPPLEMENTARY PREAMBLES</u> <u>Proprietary items</u> Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures, etc clarifying the features of the products/articles offered On request returnable samples are to be provided to the principal agent for consideration <u>Finishes to ironmongery</u> <u>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:</u> BS - Satin bronze lacquered CH - Chromium plated SC - Satin chromium plated SE - Silver enamelled GE - Grey enamelled AN - Anodised natural AS - Anodised silver AB - Anodised bronze AG - Anodised gold ABL - Anodised black PB - Polished brass PL - Polished and lacquered PT - Epoxy coated SD - Sanded <u>SUPPLY AND FIX THE FOLLOWING IRONMONGERY</u> <u>HINGES, FLOOR SPRING HINGES, BOLTS, PANIC BOLTS, ETC</u> <u>Union' or equal approved locks:</u> 1 3 Lever lockset complete with handles 2 2 Lever lockset complete with handles <u>Union' or equal approved hinges:</u> 3 100 x 75mm Stainless steel ball bearing butt hinges (code 8352-100SS) <u>SUNDRIES</u> <u>Union' or equal approved:</u> 4 Aluminium door stop (code 9002AS) <p style="text-align: right;">Carried to Sectional Summary</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 13</u></p> <p><u>METALWORK</u></p> <p><u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u> <u>Descriptions of bolts, anchors, etc</u></p> <p><u>Descriptions of bolts shall be deemed to include nuts and washers</u> Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p> <p><u>Aluminium doors, windows, etc</u> Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass shall be type ? laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities (as described in the headings to window descriptions?). Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>For purpose-made windows and doors, refer to drawings annexed to these bills of quantities</p> <p>The following certificates shall be provided prior to commencement of site work:</p> <p>1 - A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product</p> <p>2 - A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS</p> <p>999 and SANS 1796 respectively</p> <p>3 - A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process</p> <p>4 - A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked</p> <p>5 - A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years</p> <p><u>ALUMINIUM WINDOWS AND DOORS ALUMINIUM WINDOWS</u></p> <p><u>Powder coated, Bronze aluminium framing NKCASA casement type for 16mm combinations as supplied by HBS systems or equally approved including 6.38mm obscured glass safety glazing and to be fixed as per manufacturers specifications.</u></p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	Window sizes exceeding 0.5m2 not exceeding 1m2	No			
2	Window sizes exceeding 1m2 not exceeding 1.5m2	No			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u> <u>BILL NO. 18</u> <u>PAINTWORK</u> <u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008 <u>SUPPLEMENTARY PREAMBLES</u> <u>PREPARATORY WORK TO EXISTING WORK</u> <u>Previously painted plastered surfaces</u> Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth <u>Previously painted metal surfaces</u> Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal * <u>Previously painted wood surfaces</u> Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth <u>PAINT SPECIFICATIONS</u> All painting shall be done in accordance with "?" specifications unless otherwise described <u>COLOURS</u> Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091 All paint shall be SABS Approved paint applied in accordance with manufacturer's instructions: <u>PAINTWORK, ETC TO NEW WORK</u> <u>ON FLOATED PLASTER</u> <u>Prepare surfaces and remove all loose material, apply one coat alkali resistant plaster primer and two coats acrylic emulsion paint:</u> 1 On interior walls m2 2 On external walls m2 <u>ON PLASTER BOARD</u> <u>Prepare surfaces and remove all loose material, apply one coat primer and two coats alkali resistant paint:</u> 3 On ceilings and cornices m2 <u>ON FIBRE CEMENT, ETC.</u> <u>Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:</u> 4 On fascias and bargeboards m2 <u>ON WOOD</u> <u>Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel paint:</u> 5 On interior and exterior doors m2 6 On door frames m2 <p style="text-align: right;">Carried to Sectional Summary</p>				
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ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 14</u></p> <p><u>PLASTERING</u></p> <p><u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>GRANOLITH</u></p> <p><u>Method</u></p> <p>The method to be used shall be either the monolithic method or the bonded method</p> <p><u>Preparation</u> For granolith applied monolithically, the concrete floor shall be swept clean after bleeding of the concrete has ceased and the slab has begun to stiffen; any remaining bleed water shall be removed and the granolith applied immediately thereafter. For granolith to be bonded to the floor slab after it has hardened, the slab surface shall be hacked (preferably by mechanical means) until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. The slab shall then be wetted and kept damp for at least six hours before applying the granolith</p> <p><u>Mix</u> Granolith shall attain a compressive strength of at least 41MPa. The coarse aggregate shall comply with SANS 1083 and shall generally be capable of passing a 10mm mesh sieve. Where the thickness of the granolith exceeds 25mm, the size of the coarse aggregate shall be increased to the maximum size compatible with the thickness of the granolith</p> <p><u>Panels</u> Granolith shall be laid in panels not exceeding 14m² for monolithic finishes, not exceeding 9,5m² for bonded finishes and not exceeding 6m² for all external granolith. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width</p> <p>Where possible joints between panels shall be positioned over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with V-joints</p> <p><u>Laying</u> Monolithic granolith shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels</p> <p>Bonded granolith shall be applied to the slab after applying a 1:1 sand-and-cement slurry brushed over the surface and allowed to partially set before applying the granolith. The granolith shall be thoroughly compacted and lightly wood floated to the required levels</p> <p>After wood floating, the monolithic and bonded granolith shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated</p> <p><u>Curing, seasoning and protection</u> Granolith shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying</p> <p><u>Colour</u> Coloured granolith shall be tinted with an approved colouring pigment mixed into a true and even colour</p> <p><u>INTERNAL PLASTER</u></p> <p><u>Cement plaster steel trowelled on brickwork:</u></p> <p>1 On walls m2</p> <p>2 On narrow widths m2</p> <p><u>EXTERNAL PLASTER</u></p> <p><u>Cement plaster on brickwork:</u></p> <p>3 On walls m2</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
4	On narrow widths	m2			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 16</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p><u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Wire gratings</u> Descriptions of gutter outlets, etc shall be deemed to include wire balloon gratings</p> <p><u>Stormwater channels</u> Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, etc, and disposal of surplus material on site</p> <p><u>French drains</u> Descriptions of french drains shall be deemed to include excavation, stone filling graded from 300mm diameter at bottom to 75mm diameter at top, "?" geofabric filter blanket over stone, 300mm earthfilling over and disposal of surplus material on site</p> <p><u>Septic tanks</u> Descriptions of proprietary type septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc, all in accordance with the manufacturer's instructions and disposal of surplus material on site</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc</u> Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0) Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8) Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316 (18/8) Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone uPVC pipes and fittings Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings uPVC pressure pipes and fittings Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints</p> <p><u>High density polyethylene (HDPE) pipes and fittings</u> Pipes shall be type IV and of the class specified with "Plasson" or "Alprene" compression fittings</p> <p><u>"Polycop" polypropylene pipes</u> Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with "Fast-fuse" heat welded thermoplastic or where so described "Polylock" compression fittings Pipes shall be firmly fixed to walls, etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>Copper pipes</u></p> <p>Pipes shall be hard drawn and half-hard "Maksal" pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016</p> <p>Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition</p> <p><u>Reducing fittings</u></p> <p>Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained</p> <p><u>Fixing of pipes</u></p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level</p> <p><u>Paper wrapping to pipes</u></p> <p>Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings</p> <p><u>Disinfection of water pipework</u></p> <p>Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere)</p> <p><u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd</u></p> <p>Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with 75% overlaps</p> <p>Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions including mastic, tape, "Layflat" sheeting, securing of same, etc</p> <p>Prices for wrapping of pipes shall include for all work as described to couplings in the length</p> <p><u>Laying, backfilling, bedding, etc of pipes</u></p> <p>Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled</p> <p>Where no manufacturers' instructions exist, pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following: SABS 1200L : Medium-pressure pipelines SABS 1200LD : Sewers SABS 1200LE : Stormwater drainage</p> <p>Pipe trenches, etc shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200DB : Earthworks (Pipe trenches)</p> <p>Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200LB : Bedding (Pipes)</p> <p>Unless otherwise described, bedding of rigid pipes shall be Class B bedding</p> <p><u>General</u></p> <p>Descriptions of cast iron roof outlets shall be deemed to include joints to pipes and casting into concrete (adaptors for joints to PVC pipes, etc are given separately)</p> <p>Descriptions of overflow pipes where measured in number, shall be deemed to include joints to cisterns and splay cut ends</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 95% Mod AASHTO density and disposal of surplus material on site				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes (adaptors for connections to copper pipes, etc are given separately)				
	Descriptions of WC pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors are separately measured)				
	<u>As-built drawings</u> Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)				
	<u>RAINWATER DISPOSAL</u> <u>Rainwater Gutters and Downpipes:</u> <u>Marley Vynadeep' uPVC or equal approved:</u>				
1	150mm Eaves gutters	m			
2	100mm Diameter rainwater pipe fixed to wall with brackets, including sealing joints	m			
3	Extra over eaves gutter for stopped end	No			
4	Extra over eaves gutter for outlet for 100mm diameter rainwater pipe	No			
5	Extra over rainwater pipe for shoe	No			
	<u>SANITARY FITTINGS</u> <u>Rates for sanitary fittings to include for silicone and sealing to walls, cupboards and floors as applicable</u>				
	<u>Aquasave or equal approved:</u> Low level suite (code 750151) with a 90 degrees outlet washdown pan heavy duty double flap seat and matching 6 litre SISO cistern with lid and flushpipe complete	No			
	<u>Vaal or equal approved vitreous china wash hand basins and pedestals:</u> 425 x 555X145mm "Bantam" vitreous china or equal approved cloakroom basin (product code 7030) with one semi-punched right-hand side taphole, integrated overflow and chainstay, bolted to wall	No			
	<u>Franke or equal approved stainless steel sinks:</u>				
8	"Trendline 711" or equal approved single bowl drop-in sink size 1200 x 535mm, on cupboard (elsewhere measured)	No			
	<u>Libra or equal approved:</u> 1800 x 700 x 360mm Deep 'Sierra' white bath set on 80mm thick bedding with rim battens on one side and both ends and the void between the bath and enclosing walls filled with 1:10 uncompacted cement mortar including waste union	No			
	<u>WASTE UNIONS, ETC</u> <u>Cobra Watertech or equal approved:</u>				
10	32mm Basin waste union with plug, chain and stay and joint to 40mm uPVC pipe	No			
11	38mm Sink waste union and joint to 50mm uPVC pipe	No			
	<u>TRAPS, ETC. uPVC:</u>				
12	40mm plain"P" trap	No			
	<u>TAPS, VALVES, ETC</u> <u>Plastic</u>				
13	15mm Stopcock	No			
	<u>Cobra Watertech or equal approved tap, etc:</u>				
14	15mm Chrome coral bib tap	No			
	<u>SANITARY PLUMBING</u> <u>uPVC pipes:</u>				
15	40mm Pipe fixed to or chased into brickwork	m			
16	110mm Pipes laid in and including trenches not exceeding 1m deep	m			
	<u>Extra over uPVC pipes for fittings:</u>				
17	40mm Bend	No			
18	40mm Access bend	No			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
19	110mm Access bend	No			
20	40mm Junction	No			
21	110mm Junction	No			
22	110mm Rodding eye	No			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
23	110mm Pan connector	No			
	<u>Gulleys:</u> 110mm uPVC gulley trap not exceeding 750mm deep, including vertical piping, gulley head and grating, all encased in concrete and concrete hopper size 450 x 450mm, rounded kerb, etc	No			
24		No			
	<u>WATER SUPPLIES</u> <u>Class 2 copper pipes in repairs to existing installation:</u>				
25	15mm Fittings	No			
	<u>Polycop Pipe</u>				
26	15mm Pipe	m			
	<u>CONNECTIONS:</u> Allow for the connection of new pipes to existing water supply network including all fittings and making good of walls, floors, etc (per location)	No			
27		No			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p>NOTE: Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project</p> <p>NOTE: Unless otherwise stated herein, all items in this Bill shall be deemed to be a fixed price for the duration of this project</p> <p>The agreement is to be the General Conditions of Contract for Works of Civil Engineering Construction (2010) (Second Edition), published by the S.A Institution Of Civil Engineering.</p> <p>The Preliminaries are to be the Construction and management requirements for works contracts - Part 1: General engineering and construction works (SANS 1921-1: 2004 Edition 1) prepared by Standards South Africa and shall be deemed to be incorporated herein.</p> <p>Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary.</p> <p>This Bills of Quantities is priced in South African rands (ZAR) and all amounts that are carried forward and brought forward shall be in ZAR</p> <p>The applicable method of measurement for these Bills of Quantities is the Standard System of Measuring Building Work (seventh edition)</p> <p><u>Preambles For Trades</u></p> <p>The Model Preambles for Trades 2008 as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p> <p>Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the Model Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p> <p><u>Abbreviated Specifications</u></p> <p>The items in these bills of quantities utilise abbreviated descriptions. It is the intention that the abbreviated descriptions when read in conjunction with the applicable measuring system and the relevant preambles and/or specifications, shall represent the full descriptions. However, should the full intent and meaning of any description not be clear, the contractor shall, before submission of his tender, call for a written directive failing which it shall be assumed that the contractor has allowed in his pricing for materials and workmanship in terms of international best practise</p> <p><u>Temporary works and plant</u></p> <p>The contractor shall protect, uphold and maintain all public utilities and services and shall not interfere with their operation without the consent of the serviceauthorities and the Project Manager. The contractor shall notify the Project Manager of any damage to such services and shall make good same at his own cost to the satisfaction of the service authorities</p> <p>Fuel, power and water for commissioning of mechanical and other specialised equipment shall also include for the cost of all necessary reticulation and connections thereto</p> <p>The contractor shall provide noise and dust control to the approval of the Project Manager</p>				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	The contractor shall maintain the access roads, paths, buildings, etc, adjacent to the construction area etc, during the period of the works in a clean and rubble free condition				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>Identity of employees</u></p> <p>All employees of the contractor and his sub contractors shall be identifiable at all times by means of ID cards, company name and logos imprinted on overalls. Any person found on site not complying with the abovementioned conditions the contractor shall be requested by Project Manager, to remove such person from the site</p> <p><u>Health and Safety</u></p> <p>The contractor is to comply with all requirements of the Health and Safety Specification as specified in Section B of this Bill</p> <p><u>Housekeeping and compliance with Project Manager site rules</u></p> <p>The contractor will be responsible for a high standard of housekeeping in his site establishment, delivery of materials and goods and removal of rubble, debris, etc, storage areas and construction working areas to the approval of the Project Manager</p> <p><u>Working Hours</u></p> <p>Should the contractor wish to work outside normal working hours or at weekends in order to maintain his building programme, he shall notify and obtain the approval from the Project Manager before doing so. The cost of this overtime will be for the contractor's account</p> <p><u>SECTION A: General Conditions of Contract</u></p> <p><u>Fixed, Time and Value Related Items</u></p> <p>1 Contractual requirements for fixed,time and value charge items</p> <p><u>SECTION B: Specific Preliminaries</u></p> <p>Occupational Health and Safety Act</p> <p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2003 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities</p> <p>Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained</p> <p>2 OHS requirements for fixed,time and value charge items</p> <p>3 Scaffolding Hire</p> <p>4 Temporary accomodation as per Programme Manager email dated 02/06/2023</p> <p style="text-align: right;">Carried to Sectional Summary</p>	Item	1	R 17 738.24	R 17 738.24
		Item			
		Per / Week item			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>ROOF COVERINGS</u></p> <p><u>PREAMBLES</u></p> <p>For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p><u>TILES</u></p> <p><u>420 x 332mm "Marley" or equal approved standard double roman concrete roof tile</u></p> <p>1 Ridge capping tiles to match roof colour bedded and pointed in 1:3 tinted cement mortar on 225mm wide embossed damp proof membrane</p> <p><u>FIBRE-CEMENT ACCESSORIES</u></p> <p><u>6mm Thick "Nutec" or equal approved fascia boards, medium density plain fibre cement fasci fixed with fittings and fixing accessories, fixed in accordance with the manufacturers instructions:</u></p> <p>3 12 x 250mm Wide fascia and barge boards fixed to truss ends</p> <p><u>UNDERLAY TO TILED ROOFS</u></p> <p><u>Polypropylene underlay with 150mm overlapped joints, fixed over trusses and under tiling battens with and including galvanised clout nails:</u></p> <p>4 To roofs with pitch not exceeding 25 degrees</p> <p style="text-align: right;">Carried to Sectional Summary</p>	m2			
		m			
		m			
		m2			

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<u>SECTION NO. 2</u> <u>BILL NO. 15</u> <u>TILING</u> <u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008 <u>SUPPLEMENTARY PREAMBLES</u> <u>Fixing</u> Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors, etc shall be deemed to include 1:3 plaster bedding Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" range of products as recommended by the manufacturer of the tiles <u>WALL TILING</u> <u>200 x 200mm Approved White glazed ceramic tiles (Allow the PC Sum of R300.00/m2 for supply and delivery) fixed with approved tile adhesive on existing walls including epoxy grouting:</u>	m2			
	On walls				
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u> <u>BILL NO. 6</u> <u>WATERPROOFING</u> <u>PREAMBLES</u> For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008 <u>SUPPLEMENTARY PREAMBLES</u> <u>Waterproofing</u> Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs <u>DAMPPROOFING OF WALLS AND FLOORS</u> <u>One layer of 375 micron embossed polyethylene damp proof course:</u> 1 In walls m <u>One layer of 250 micron waterproof sheeting sealed at laps Pressure Sensitive Tape:</u> 2 Under surface beds m2 Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>SECTION NO. 2</p> <p>BILL NO. 20</p> <p>PROVISIONAL SUM</p> <p>PREAMBLES For preambles refer to "Model Preambles for Trades" published and issued by the Association of South African Quantity Surveyors, 2008</p> <p>SUPPLEMENTARY PREAMBLES General Work for which budgetary allowances are provided will be measured and valued in accordance with Clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances</p> <p>Prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned</p> <p>Provisional sums are for material and equipment supplied and installed complete by firms of specialists</p> <p>Profit Where stated, the contractor may allow for profit if required</p> <p>General attendance on nominated/selected subcontractors The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:</p> <ol style="list-style-type: none"> 1. Access to the site and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the contractor 2. The provision of water and lighting and of single-phase electric power to a position within 50 metres of the place where the subcontract or subcontractors work is to be carried out other than water, fuel and power for commissioning of any installation 3. The provision of an area for the subcontractor to establish temporary office accommodation and workshops and for the storage of plant and materials and goods 4. The use of erected scaffolding belonging to the contractor, in common with others having the like right, while it remains erected on the site 5. The use of ablution facilities and the like, where provided 6. The use of the site telecommunication facilities, where provided, subject to payment by the subcontractor for usage thereof 7. Making good all trades and cleaning down and removal of rubbish on completion <p>Special attendance on nominated/selected subcontractors Where applicable, special attendance will be described under the relevant subcontractor listed below, in accordance with Clause B8.1 of the Preliminaries</p> <p>Builder's work Builder's work in connection with specialist services is given elsewhere in these bills of quantities</p> <p>AIA Monitoring</p>				
1	AIA Monitoring	PS			
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>SECTIONAL SUMMARY</u>				
1	ALTERATIONS				R -
2	EARTHWORKS				R -
3	CONCRETE, FORMWORK & REINFORCING				R -
4	MASONRY				R -
5	WATERPROOFING				R -
6	ROOF COVERINGS				R -
7	CARPENTRY AND JOINERY				R -
8	CEILINGS, PARTITIONS AND ACCESS FLOORING				R -
9	IRONMONGERY				R -
10	METALWORK				R -
11	PLASTERING				R -
12	TILING				R -
13	PLUMBING AND DRAINAGE				R -
14	PAINTWORK				R -
15	PROVISIONAL SUM				R -
	Carried to Final Summary				R -

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>FINAL SUMMARY</u>				
1	PRELIMINARIES				R -
2	BUILDERS WORK				R -
3	ELECTRICAL WORK				R -
	SUBTOTAL				R -
	ESTIMATED CONTRACT VALUE				R -