



REQUEST FOR QUOTATION (RFQ)

RFQ NUMBER: NHFC008101

**REQUEST FOR QUOTATION (RFQ) FOR: CONSTRUCTION OF A 44 SQUARE METER HOUSE IN BETHAL ,
MPUMALANGA**

RFQ DOCUMENTS CHECK LIST:

The contents of the RFQ document must be as follows and numbered as per the numbering below. Please complete the checklist below to verify your submission of the relevant documents:

Schedules	Description	Submitted – Indicate YES or NO
Annexure 1	Tax Compliance Status Pin	
Annexure 2	Copies of Company Registration Documents	
Annexure 3	Copy of Valid B-BBEE certificate or Sworn Affidavit.	
Annexure 4	Current Central Supplier Database Report Copy	
Annexure 5	SBD 1: Invitation to Bid	
Annexure 6	Pricing Schedule	
Annexure 7	SBD 4: Bidder's Disclosure	
Annexure 8	SBD 6.1: Preference Point Claim Form in Terms of Preferential Procurement Regulations 2022	
Annexure 9	Identity Document of Directors	

SECTION 1

SBD 1 INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE NHFC SOC LTD.

BID NUMBER:	NHFC008101	CLOSING DATE:	7 March 2024	CLOSING TIME:	11:00am
DESCRIPTION	CONSTRUCTION OF A 44 SQUARE METER HOUSE IN BETHAL , MPUMALANGA				

BID RESPONSE DOCUMENTS MAY BE EMAILED TO :

Quotations02@nhfc.co.za

BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO

TECHNICAL ENQUIRIES MAY BE DIRECTED TO:

CONTACT PERSON	Ms Kamogelo Dagane	CONTACT PERSON	
TELEPHONE NUMBER	N/A	TELEPHONE NUMBER	
FACSIMILE NUMBER	N/A	FACSIMILE NUMBER	
E-MAIL ADDRESS	Quotations02@nhfc.co.za	E-MAIL ADDRESS	

SUPPLIER INFORMATION

NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE	[TICK APPLICABLE BOX] Yes No		B-BBEE STATUS LEVEL SWORN AFFIDAVIT	[TICK APPLICABLE BOX] Yes No	

[A B-BBEE STATUS LEVEL VERIFICATION CERTIFICATE/ SWORN AFFIDAVIT (FOR EMES & QSEs) MUST BE SUBMITTED IN ORDER TO QUALIFY FOR PREFERENCE POINTS FOR B-BBEE]

ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	Yes No [IF YES ENCLOSE PROOF]	ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	Yes No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]
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QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS

IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)? YES NO

DOES THE ENTITY HAVE A BRANCH IN THE RSA? YES
NO

DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?
 YES NO

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?
 YES NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION? YES NO
IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.

TERMS AND CONDITIONS FOR BIDDING

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED– (NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
- 1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
- 1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
- 2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
- 2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE."

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

CAPACITY UNDER WHICH THIS BID IS SIGNED:
(Proof of authority must be submitted e.g. company resolution) DATE:.....

SECTION 2
NOTICE TO BIDDERS

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.

Proposals must reach NHFC before the closing hour on the date shown on SBD1 above, and must be e- mailed to Ms **Kamogelo Dagane**

Email address: quotations02@nhfc.co.za

2. PREQUALIFICATION / ELIGIBILITY CRITERIA

2.1 Only those Bidders who satisfy the following pre-qualification or eligibility criteria are eligible to submit quotations as per section 3 on page 9.

3 COMMUNICATION

Bidder/s are warned that a response will be liable for disqualification should any attempt be made either directly or indirectly to canvass any SCM Officer(s) or NHFC employee in respect of this RFQ between the closing date and the date of the award of the business.

4 LEGAL COMPLIANCE

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

5 CHANGES TO QUOTATIONS

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

6 PRICING

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

7 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.

8 RFQ Conditions

- This RFQ is subject to the Preferential Procurement Policy Framework Act 2000, the Preferential Procurement Regulations, 2022, the general conditions of contract (GCC) and, if applicable, any other legislation or special conditions of contract.
- The lowest or any bid will not necessarily be accepted.
- NHFC reserves the right to reject submitted proposal if deemed necessary. Should it be

discovered by the NHFC that the bidder did not act in good faith and/or has declared incorrectly/falsely, NHFC reserves the right to disqualify or reject the bid.

- The NHFC reserves the right to disqualify a bid proposal if the bidders' proposal is not compliant with the scope of work/terms of reference.
- The bidder is subjected to due-diligence process which includes, screening, vetting, and/or any best practice necessary for the NHFC to comply with legislation and its Policies and Procedures. Due diligence and PEP checks will also be conducted on the successful bidder.
- The NHFC reserves the right to disqualify a bid if the bidder fails to provide reasonable request (s) for documentation/information which the NHFC deems necessary for the purpose of evaluation within reasonable timelines this includes the set deadline per request,
- Bid rigging/collusive behaviour by the bidder will result in disqualification. A bidder is not permitted to submit proposal from more than one registered company with a common director/shareholder.
- The NHFC deems the Bidder has read and accepted the General Conditions of Contract.
- Bidders must submit the bid a soft copy of the RFQ via email. The soft copy serves as the legal bid contract document and the master record between the bidder and the NHFC.
- The NHFC undertakes to pay out within 30 days from issuance of substantiated invoices issued in terms of this appointment (Payment schedule as defined in the service level agreement). No payment will be made on outstanding information not submitted by the service provider. Service provider must maintain an updated tax compliant status for the during of the contract.
- The cost of compiling a Proposal is and remains the prospective service provider's own cost and will not be paid for by NHFC.
- The successful bidder (s) will be required to sign a Service Level Agreement (SLA), in terms of which the service provider's performance will be measured and managed.
- NHFC has zero tolerance for reputational harm. The bidder hereby gives consent to the NHFC to conduct background checks on the bidding entity and any of its directors / partners / trustees / shareholders /members/employees. The NHFC reserves the right to consider the information arising from such background check as part of the tender evaluation process.
- 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.

9 NATIONAL TREASURY'S CENTRAL SUPPLIER DATABASE

Bidders are required to self-register on National Treasury's Central Supplier Database (CSD) which has been established to centrally administer supplier information for all organs of state and facilitate the verification of certain key supplier information. NHFC is required to ensure that price quotations are invited and accepted from prospective bidders listed on the CSD. Business may not be awarded to a bidder who has failed to

register on the CSD. Only foreign suppliers with no local registered entity need not register on the CSD. The CSD can be accessed at <https://secure.csd.gov.za>.

10 PROTECTION OF PERSONAL DATA

In responding to this RFQ, NHFC acknowledges that it may obtain and have access to personal data of the Bidders. NHFC agrees that it shall only process the information disclosed by Bidders in their response to this bid for the purpose of evaluating and subsequent award of business and in accordance with any applicable law.

Furthermore, NHFC will not otherwise modify, amend or alter any personal data submitted by Bidders or disclose or permit the disclosure of any personal data to any Third Party without the prior written consent from the Bidders. Similarly, NHFC requires Bidders to process any personal information disclosed by NHFC in the bidding process in the same manner.

11 EVALUATION METHODOLOGY

NHFC will utilise the evaluation criteria indicated in this document criteria in choosing a Supplier/Service Provider,:

12 ADMINISTRATIVE RESPONSIVENESS

The test for administrative responsiveness will include completeness of response and whether all returnable and/or required documents, certificates; verify completeness of warranties and other RFQ requirements and formalities have been complied with. Incomplete Bids will be disqualified.

13 VALIDITY PERIOD

NHFC requires a validity period of 60 Business Days from the closing date.

Bidders are to note that they may be requested to extend the validity period of their response, on the same terms and conditions, if the internal processes are not finalized within the validity period. However, once the adjudication body has approved the process and award of the business to the successful Bidder(s), the validity of the successful Bidder(s)' response will be deemed to remain valid until a final contract has been concluded.

14 RETURNABLE DOCUMENTS

Returnable Documents means all the documents, Sections and Annexures, as listed in the tables below. There are three types of returnable documents as indicated below and Bidders are urged to ensure that these documents are returned with the quotation based on the consequences of non-submission as indicated below:

15 Mandatory Returnable Documents

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

SECTION 3

17. EVALUATION CRITERIA:

Stage1: Adherence to Mandatory documents

NB: Compliance Checklist Requirements for all Services/Goods and works

If you do not submit the following mandatory documents your Proposal/Quote will be disqualified automatically:

No.	Description of requirement	
a)	NHBRC registration certificate	
b)	Company profile	
c)	Proof of address	
d)		
e)		
f)		

Stage 2: The following documents are non-mandatory and where not submitted, NHFC may request the documents and must be made available at the time of request from the most responsive bidder:

No.	Description of requirement	
a)	Company Registration Documents	
b)	Copies of Directors' ID documents;	
c)	Valid BBBEE Certificate from a SANAS accredited rating agency (Original or Certified) or affidavit signed by the Commissioner of Oath	
d)	Valid Tax Clearance Certificate (must be valid on closing date of submission of the proposal) and SARS Issued Pin	
e)	CSD report / CSD reference number	
i)	SBD 1: Invitation to Bid	
f)	Pricing Schedule	
g)	SBD 4: Bidders disclosure	
h)	SBD 6.1. Preference Point Claim Form	

Stage 3- Price and Preferences

1	Price		80 points
2	Specific Goals		20 points
#	Specific Goal	Proof	Points Allocation
1	South African citizen who had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983 (Act 200 of 1983) or the Constitution of the Republic of South Africa, 1996. (Minimum >50% ownership or more)	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) 	7
2	Woman Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) 	8
3	Disabled Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) • Certified medical certificate from a registered medical practitioner 	1
4	Military veteran Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) • A verifiable letter from an authorised body/entity certifying the military status of the claimant (bidder). 	1
5	Youth Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) 	3

SECTION 4

NHFC GENERAL CONDITIONS OF PURCHASE

General

NHFC and the Supplier enter into an order/contract on these conditions to supply the items (goods/services/works) as described in the order/contract.

Conditions

These conditions form the basis of the contract between NHFC and the Supplier. Notwithstanding anything to the contrary in any document issued or sent by the Supplier, these conditions apply except as expressly agreed in writing by NHFC.

No servant or agent of NHFC has authority to vary these conditions orally. These general conditions of purchase are subject to such further special conditions as may be prescribed in writing by NHFC in the order/contract.

Local Content Obligations

Bidders are to note that the Local Content commitments made by the successful Bidder(s) will be incorporated as a term of the contract and monitored for compliance. Should the successful Bidder fail to meet its Local obligations, non-compliance penalties shall be applicable. Breach of Local Content obligations also provide NHFC cause to terminate the contract in certain cases where material non-compliance with Local Content requirements are not achieved.

Price and payment

The price or rates for the items stated in the order/contract may include an amount for price adjustment, which is calculated in accordance with the formula stated in the order/contract.

The Supplier may be paid in one currency other than South African Rand. Only one exchange rate is used to convert from this currency to South African Rand. Payment to the Supplier in this currency other than South African Rand, does not exceed the amounts stated in the order/contract. NHFC pays for the item within 30 days of receipt of the Suppliers correct tax invoice.

Delivery and documents

The Supplier's obligation is to deliver the items on or before the date stated in the order/contract. Late deliveries or late completion of the items may be subject to a penalty if this is imposed in the order/contract. No payment is made if the Supplier does not provide the item as stated in order/contract.

Where items are to be delivered the Supplier:

Clearly marks the outside of each consignment or package with the Supplier's name and full details of the destination in accordance with the order and includes a packing note stating the contents thereof; On dispatch of each consignment, sends to NHFC at the address for delivery of the items, an advice note specifying the means of transport, weight, number of volume as appropriate and the point and date of dispatch; Sends to NHFC a detailed priced invoice as soon as is reasonably practical after dispatch of the items, and states on all communications in respect of the order the order number and code number (if any).

Containers / packing material

Unless otherwise stated in the order/contract, no payment is made for containers or packing materials or return to the Supplier.

Title and risk

Without prejudice to rights of rejection under these conditions, title to and risk in the items passes to NHFC when accepted by NHFC.

Rejection

If the Supplier fails to comply with his obligations under the order/contract, NHFC may reject any part of the items by giving written notice to the Supplier specifying the reason for rejection and whether and within what period replacement of items or re-work are required.

In the case of items delivered, NHFC may return the rejected items to the Supplier at the Supplier's risk and expense. Any money paid to the Supplier in respect of the items not replaced within the time required, together with the costs of returning rejected items to the Supplier and obtaining replacement items from a third party, are paid by the Supplier to NHFC.

In the case of service, the Supplier corrects non-conformances as indicated by NHFC.

Warranty

Without prejudice to any other rights of NHFC under these conditions, the Supplier warrants that the items are in accordance with NHFC's requirements, and fit for the purpose for which they are intended, and will remain free from defects for a period of one year (unless another period is stated in the Order) from acceptance of the items by NHFC.

Indemnity

The Supplier indemnifies NHFC against all actions, suits, claims, demands, costs, charges and expenses arising in connection therewith arising from the negligence, infringement of intellectual or legal rights or breach of statutory duty of the Supplier, his subcontractors, agents or servants, or from the Supplier's defective design, materials or workmanship.

The Supplier indemnifies NHFC against claims, proceedings, compensation and costs payable arising out of infringement by the Supplier of the rights of others, except an infringement which arose out of the use by the Supplier of things provided by NHFC.

Assignment and sub-contracting

The Supplier may not assign or subcontract any part of this order/contract without the written consent of NHFC.

Termination

NHFC may terminate the order/contract at any time (without prejudice to any right of action or remedy which has accrued or thereafter accrues to NHFC):

If the Supplier defaults in due performance of the order/contract, or if the Supplier becomes bankrupt or otherwise is, in the opinion of NHFC, in such financial circumstances as to prejudice the proper performance of the order/contract, or for any other reason in which case the Supplier will be compensated for all costs incurred.

Governing law

The order/contract is governed by the law of the Republic of South Africa and the parties hereby submit to the non-exclusive jurisdiction of the South African courts.

SECTION 5

SBD 4

RETURNABLE DOCUMENTS

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

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**

If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

Full Name	Identity Number	Name of State institution

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

If so, furnish particulars:

.....
.....

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

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.
- 3.5 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

Date

.....

.....

Position

Name of bidder

SECTION 6

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:

1.2 the 80/20 system for requirements with a Rand value up to R50 000 000 (all applicable taxes included); and

1.3 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.

1.4 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.

1.5 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.

1.6 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

1.7 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.

1.8 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

2.1 “**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;

2.2 “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;

2.3 “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;

2.4 “**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

(a) “**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

$$PPPP = 8888 \diamond 11 - \frac{PPPP - PP \text{ mmmmm}}{PP \text{ mmmmm}} \diamond$$

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:

80/10

$$PPPP = 8888 \diamond 11 + \frac{PPPP - PP \text{ mmmmm}}{PP \text{ mmmmm}} \diamond$$

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 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- 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
 - any other invitation for tender, that either the 80/20 or 90/10 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 or 90/10 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)
South African citizen who had no franchise in national elections prior to the introduction of the Constitution of the Republic of South Africa, 1983 (Act 200 of 1983) or the Constitution of the Republic of South Africa, 1996. (Minimum >50% ownership or	<ul style="list-style-type: none"> Company Registration Certification (CIPC) Certified identification documentation of company director/s CSD report/ CSD registration number (MAAA number) 	7	

more)			
Woman Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) 	8	
Disabled Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) • Certified medical certificate from a registered medical practitioner 	1	
Military veteran Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) • A verifiable letter from an authorised body/entity certifying the military status of the claimant (bidder). 	1	
Youth Ownership >50%	<ul style="list-style-type: none"> • Company Registration Certification (CIPC) • Certified identification documentation of company director/s • CSD report/ CSD registration number (MAAA number) 	3	

DECLARATION WITH REGARD TO COMPANY/FIRM

- 4.1. Name of company/firm.....
- 4.2. Company registration number:
- 4.3. 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]

4.4. 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;

4.5. The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;

4.6. 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;

4.7. 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.

<p>.....</p> <p>SIGNATURE(S) OF TENDERER(S)</p>	
SURNAME AND NAME:
DATE:
ADDRESS:

SECTION 7

SPECIFICATIONS

Construction of a 44 square meter house in Bethal, Mpumalanga

INTRODUCTION

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 principal 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 44 square meter house for the Mkhonza family located in Mpumalanga. The donation comes against the backdrop of the minister's request to support the family where the 2 children have a rare skin disease. The house will be built in Bethal, Mpumalanga. 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 providers to build a 44 square meter house in Bethal, Mpumalanga. Service providers are to construct to completion a 44 square meter house including material supply, management, and payment of labour.

SCOPE OF WORK/KEY DELIVERABLES

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

No	Items Description	Quantity	Delivery Location	Expected Delivery Date
1.	Complete supply of material and construction of House Mkhonza as per drawing 18HSA001/A-T-2 inclusive of all labour payments.	44m ² meter house (as per supplied drawing)	Erf 4169, Emzinoni Ext. 4, Bethal Mpumalanga	5 April 2024

NB: Please note that the (BOQ) is from page 29 - 56

SPECIAL CONDITIONS:

- Quotations must be submitted in the bidder's company letterhead.
- No pre-payments are allowed, awarded bidder will be paid on completion of the house and within 30 days of receipt of invoice.
- Quotation submitted should be based on Scope of Work/Key Deliverables. Failure to adhere to the scope of works will render your quotation non-responsive.
- Price(s) quoted must be firm and inclusive of VAT (If VAT registered) and inclusive of all costs and be valid for (60) days.
- **The quotation must be submitted via email to Quotations02@nhfc.co.za**

2. EVALUATION CRITERIA

Evaluation of bids received will be conducted in three (3) phases as follows:

Phase 1 – Compulsory Requirements

Bidders will first be evaluated in terms of the gatekeeper/minimum requirements on page 1 of this document. Bidders who do not fulfil all the requirements or do not submit the **mandatory** documents will not proceed to the next phase. Those who fulfil all the requirements or have submitted the **mandatory** documents will be further evaluated on Functionality.

Phase 2 – Functionality

Functionality is worth 100 points. The minimum threshold is 70 points. Bidders who score less than 70 points on functionality will therefore be disqualified. Those who score more than 70 points will be further evaluated in terms of price and preference points. The functionality evaluation is broken down as follows:

1.	Past Relevant Experience in Residential Construction Bidders must have specific experience and submit at least two brief project summaries executed in respect of related services and related references	Total – 30 points
	<p>The bidder must submit a reference letter or a completion certificate for 2 projects, bidder must have successfully procured material and built the unit/s from foundation phase to Finishes including installation of electrical work and plumbing work. Contacts/referrals should be both traceable and contactable. (Reference letter not to be longer than 1 page per project). Each reference letter must be accompanied by 2 contactable references per page. Each reference letter or completion certificate earns 15 points per project.</p>	
2.	Methodology and Project Approach The bidder must submit a clear and concise works program of how the work will be planned and executed to show clear deliverables	Total – 35 points
	<p>Bidder must submit a clear and concise works program indicating how they will execute and complete works within the set time. The programme must list all the required activities and a clear OHS Plan detailing their compliance measure in response to safety procedure and protocols in place.</p>	
	<p>1. A clear and concise programme indicating: Works Program indicating a work breakdown structure aligned with the project delivery date OHS Plan Assigned Team Member Responsibilities</p>	35
	<p>2. A clear and concise programme (2 of the above listed criteria)</p>	20
	<p>3. A poor programme (1 of the above listed criteria)</p>	5
3.	Qualification Locality	Total – 35 points

	The Bidder and its partners are based locally within Bethal, Mpumalanga. Proof of address is required in the form of a Municipal billing account or a Posted letter or a Letter from the ward councillor or a CSD Report.	
	1. Bidder resides within Bethal, Mpumalanga	35
	2. Bidder does not reside within Bethal	0
Total		100 Points
Minimum Threshold Points		70 Points

Phase 3 – Price and Preference Evaluation

Bidders who score a minimum of 70 points on Functionality will be evaluated in terms of Price and Preference points (As per the Preferential Procurement Policy Regulations of 2022: Specific goals).

See page 10 of this document

Regards

K. Letsie

Quantity Surveyor

SECTION 8

PRICING AND DELIVERY SCHEDULE

Bidders are required to complete the attached Pricing Schedule

- 1 Prices must be quoted in South African Rand, inclusive of VAT.
- 2 Price offer is firm and clearly indicate the basis thereof.
- 3 Pricing Bill of Quantities is completed in line with schedule if applicable.
- 4 Cost breakdown must be indicated.
- 5 Pricing will not be subject to escalation
- 6 To facilitate like-for like comparison bidders must submit pricing strictly in accordance with the Bills of Quantities and not utilise a different format. Deviation from this pricing schedule could result in a bid being declared non-responsive.
- 7 Please note that should you have offered a discounted price(s), NHFC will only consider such price discount(s) in the final evaluation stage on an unconditional basis.
- 8 Bidders are to note that if price offered by the highest scoring bidder is not market related, NHFC may not award the contract to the Bidder. NHFC may:
 - 9 negotiate a market-related price with the Bidder scoring the highest points or cancel the RFQ;
 - 10 if that Bidder does not agree to a market-related price, negotiate a market-related price with the Bidder scoring the second highest points or cancel the RFQ;
 - 11 If a market-related price is not agreed with the Bidder scoring the third highest points, NHFC must cancel the RFQ.
 - 12 if the Bidder scoring the second highest points does not agree to a market-related price, negotiate a market-related price with the Bidder scoring the third highest points or cancel the RFQ.

I / We _____ (Insert Name of Bidding Entity) _____ of

_____ code _____

(Full address) conducting business under the style or title of: _____

represented by: _____ in my capacity

as: _____ being duly authorised,

hereby offer to undertake and complete the above-mentioned work/services at the prices quoted in the bills of quantities / schedule of quantities or, where these do not form part of the contract, at a lumpsum, of R

_____ (amount in numbers);

_____ (amount in words) Incl. VAT.



SECTION 9
FINAL SUMMARY TO BILL OF QUANTITIES (From page 29-56)

ITEM	DESCRIPTION	AMOUNT
	<u>FINAL SUMMARY</u>	
1	PRELIMINARIES	
2	BUILDERS WORK	
3	ELECTRICAL WORK	
	SUB-TOTAL	
	VAT	
	TOTAL	



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 1</u> <u>BILL NO. 1</u> <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</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</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> 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> 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> 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> <p>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</p>				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>Identity of employees</u> 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> 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> 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> 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 Fixed, Time and Value Related Items</u></p>				
1	<p>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>	Item	1		
2	OHS requirements for fixed,time and value charge items	Item	1		
3	The contractor shall comply with all the requirements set out for roof works according to A19 Regulations	Item	1		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 2</u> <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> <u>Nature of ground</u></p> <p>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</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></p> <p>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></p> <p>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></p> <p>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></p> <p>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></p> <p>Prices for filling are to include for all necessary density tests in accordance with SABS</p> <p><u>SITE CLEARANCE, ETC.</u> <u>Site clearance</u></p>				
1	Stripping average 150mm thick layer of top soil and stockpiling on site <u>Excavation in earth not exceeding 2m deep:</u>	m2	250		
2	Trenches	m3	13		
3	<u>Risk of collapse of excavations:</u> Sides of trench and hole excavations not exceeding 1,5m deep <u>Keeping excavations free of water:</u>	m2	10.8		
	31				



4	Keeping excavations free of all water other than subterranean water (per location)	Item	1		
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ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>Earth filling supplied by the contractor compacted to 98% Mod AASHTO density:</u>				
5	Under floors, steps, pavings, etc.	m3	16.97		
	<u>Compaction of surfaces:</u>				
6	Compaction of ground surface under floors etc by wetting and compacting with a vibratory roller	m2	22		
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	22		
	<u>Prescribed density tests on filling:</u>				
8	"Modified AASHTO Density" test	No	2		
	<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	44.17		
10	Bottoms of foundation trenches	m2	44.17		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 3</u> <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> Cost of tests</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</p> <p><u>Formwork</u> 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 25MPa/19mm concrete:</u></p>				
1	Apron	m ³	1.6		
	<p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES 25MPa/19mm concrete:</u></p>				
2	Concrete foundation in raft	m ³	7.87		
	<p><u>REINFORCED CONCRETE 25MPa/19mm concrete:</u></p>				
3	Stairs and landings	m ³	0.05		
	<p><u>TEST BLOCKS:</u></p>				
4	Making and testing 150 x 150 x 150mm concrete strength test cube.	No	3		
	<p><u>CONCRETE SUNDRIES</u> <u>Finishing top surfaces of concrete smooth with a power float:</u></p>				
5	Surface beds, slabs, etc.	m ²	40.44		



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II) Rough formwork to sides:</u>				
6	Edges not exceeding 300mm high	m	28.4		
	<u>REINFORCEMENT</u>				
	<u>Mild steel reinforcement to structural concrete work:</u>				
7	8mm Diameter bars	t	1		
	<u>High tensile steel reinforcement to structural concrete work:</u>				
8	12mm Diameter bars	t	1		
	<u>Fabric reinforcement:</u>				
9	Type 193 fabric reinforcement in concrete surface beds etc.	m2	44.15		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>SECTION NO. 2 BILL NO. 5 MASONRY</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>BRICKWORK Sizes in descriptions Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p>Hollow walls Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p>Bagged and sealed walls Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating</p> <p>Face bricks Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p>Pointing Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p>BLOCKWORK Concrete masonry units Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7MPa</p> <p>Wall ties for blockwork Wall ties shall be polypropylene ties complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p>Blockwork Blockwork shall comply with SANS 10145 "Concrete Masonry Construction"</p> <p>Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole</p> <p>Standard complementary blocks Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as</p> <p>DECORATIVE BLOCKS Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour</p> <p>BRICKWORK Brickwork of COROJEM maxi-brick in class II mortar:</p>				
1	Column	m3	18.96		
2	150mm Walls	m2	37.5		
			35		
3	Brickwork of maxi-brick on class II mortar 150mm walls	m2	27.28		



4	150mm walls in beamfling	m2	8.04		
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ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>Blockwork reinforcement:</u>				
5	75mm Wide reinforcement built in horizontally	m	76.51		
6	100mm Wide reinforcement built in horizontally	m	173.22		
	<u>Prestressed fabricated lintels:</u>				
7	Block Lintels in lengths not exceeding 3m <u>Galvanised hoop iron cramps, ties, etc:</u>	m	10.3		
8	30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end built into brickwork	No	20		
	<u>Expansion joints with jointex or equal approved horizontal in brickwork</u>				
9	10mm joints not exceeding 300mm high <u>Air bricks etc.:</u>	m	90		
10	230 x 160mm Cement vermin proof air brick	No	6		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<p><u>SECTION NO. 2</u> <u>BILL NO. 6</u> <u>WATERPROOFING</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> Waterproofing</p> <p>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</p> <p><u>DAMPPROOFING OF WALLS AND FLOORS</u> <u>One layer of 375 micron embossed polyethylene damp proof course:</u></p> <p>In walls</p>	m	6		
2	<p><u>One layer of 250 micron waterproof sheeting sealed at laps Pressure Sensitive Tape:</u></p> <p>Under surface beds</p> <p style="text-align: right;">Carried to Sectional Summary</p>	m2	44.15		



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>SECTION NO. 2 BILL NO. 7 ROOF COVERINGS</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>TILES <u>420 x 332mm "Marley" or equal approved standard double roman concrete roof tile in approved colour, concrete tiles fixed with non corrosive tile clips to and including 38 x 38mm sawn softwood battens at minimum 320mm centres with polyethylene tile underlay between battens and rafters, battens fixed to prefabricated trusses (elsewhere measured) at maximum 760mm centres:</u></p>				
1	Roof covering with pitch exceeding 25 degrees	m2	51.42		
2	Ridge capping tiles to match roof colour bedded and pointed in 1:3 tinted cement mortar on 225mm wide embossed damp proof membrane	m	8.35		
	<p>FIBRE-CEMENT ACCESSORIES <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>				
3	12 x 250mm Wide fascia and barge boards fixed to truss ends	m	28.67		
	<p>UNDERLAY TO TILED ROOFS <u>Polypropylene underlay with 150mm overlapped joints, fixed over trusses and under tiling battens with and including galvanised clout nails:</u></p>				
4	To roofs with pitch exceeding 25 degrees	m2	51.42		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 8</u> <u>CARPENTRY AND JOINERY</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> 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>Joinery Descriptions of frames shall be deemed to include frames, transomes, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts</p> <p>Decorative thermosetting plastic laminate covering Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish</p> <p><u>ROOFS, ETC.</u> <u>Sawn softwood grade 5:</u></p> <p>1 38 x 114mm Wall plates including bed and level in 1:3 cement mortar m 28</p> <p>2 38 x 114mm Longitudinal bracing m 18</p> <p>3 Truss type howe exceeding 3.9m not exceeding 6.6m in span wide and approximately 2m high overall No 1</p> <p><u>ROOF SUNDRIES</u></p> <p>4 Two coats creosote on sawn roof timbers m2 40</p> <p>5 Grout filling m2 8.07</p> <p>6 Leveling filling m2 8.07</p> <p><u>Wire ties</u></p> <p>7 4mm Diameter galvanised wire tie 450mm girth bent double, embedded in concrete, bound around floor batten and twisted together including saw cuts No 12</p> <p><u>SKIRTINGS</u> <u>Wrought softwood:</u></p> <p>8 Weatherboard No 3</p> <p><u>DOORS</u> <u>Wrought meranti doors suitable for painting hung to steel frame (elsewhere):</u></p> <p>9 44mm Framed, ledged, braced and battened door size 813 x 2 032mm high No 3</p> <p><u>Hollow core flush doors with commercial veneer, hung to steel frames (elsewhere)</u></p> <p>10 40mm Door size 813 x 2 032mm high No 3</p>				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
11	<p>CUPBOARDS</p> <p>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.</p> <p>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.</p> <p>Melamine Cupboards:</p> <p>Sink cupboard 1200mm x 600mm wide x 900mm high overall, comprising two equal door leaves and one shelf</p>	No	1		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 9</u> <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</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>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</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><u>Ceilings</u> Unless otherwise described ceilings shall be deemed to be horizontal</p> <p><u>Bulkheads</u> 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</p> <p><u>Steel components</u> All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121</p> <p><u>NAILED UP AND SCREW UP CEILINGS</u> <u>SUPPLEMENTARY PREAMBLES</u> <u>Openings</u> 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><u>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 450mm centres</u></p>				
1	Ceilings fixed to and including 38 x 38mm sawn softwood branderings at 450mm centres	m2	40.43		
2	Extra over ceiling for 610 x 610mm trap door	No	1		
	<u>Rhino or equal approved gypsum plasterboard cornices:</u>				
3	75mm Coved cornices	m	51.48		
	<u>INSULATION</u> <u>Isotherm or equal approved thermal roof insulation closely fitted and laid on top of branderings between roof timbers:</u>				
4	135 Thick fixed over straining wires secured over purlins and fitted on 38x38mm SA pine branderings at 450mm centres with galvanised hoop iron	m2	40.43		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 11</u> <u>IRONMONGERY</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> Proprietary items Where applicable the manufacturers' names or product catalogue titles are given in subheadings preceding the items</p> <p>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</p> <p>On request returnable samples are to be provided to the principal agent for</p> <p><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</p> <p><u>SUPPLY AND FIX THE FOLLOWING IRONMONGERY HINGES, FLOOR SPRING HINGES, BOLTS, PANIC BOLTS, ETC <u>Union'</u> or equal approved locks:</u></p>				
1	3 Lever lockset complete with handles	No	3		
2	2 Lever lockset complete with handles <u>Union' or equal approved hinges:</u>	No	3		
3	100 x 75mm Stainless steel ball bearing butt hinges (code 8352-100SS)	No	12		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 13</u> <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> Descriptions of bolts, anchors, etc</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> <ol style="list-style-type: none"> 1 - A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product 2 - A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively 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 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 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 				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
1	<u>GALVANISED PRESSED STEEL DOOR FRAMES</u> <u>1,2mm Rebated frames suitable for 150mm walls:</u> Frame for door size 813 x 2 032mm high	No	6		
	<u>GALVANISED STEEL WINDOWS, DOORS, ETC Clisco</u> <u>or equal approved</u> <u>standard residential windows with fixed panes and top or side hung opening</u> <u>casements:</u>				
	Window sizes not exceeding 0.5m2	No	3		
	Window sizes exceeding 0.5m2 not exceeding 1m2	No	1		
4	Window sizes exceeding 1m2 not exceeding 1.5m2	No	1		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 14</u> <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> <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></p> <p>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>				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>GRANOLITHIC</u>				
	<u>granolithic on concrete:</u>				
1	30mm Thick on floors and landings	m2	3.82		
	<u>INTERNAL PLASTER</u>				
	<u>Cement plaster steel trowelled on brickwork:</u>				
2	On walls	m2	87.28		
3	On narrow widths	m2	1.22		
	<u>EXTERNAL PLASTER</u>				
	<u>Cement plaster on brickwork:</u>				
4	On walls	m2	67.81		
5	On column	m2	3.79		
6	On narrow widths	m2	1.22		
	Carried to Sectional Summary				



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 16</u> <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</p> <p>Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8)</p> <p>Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316</p> <p>Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable</p> <p>Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone uPVC pipes and fittings</p> <p>Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings uPVC pressure pipes and fittings</p> <p>Pipes of 50mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings</p> <p>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</p> <p>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> 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> 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> 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> 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> 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> Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with 2% 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,</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> 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> 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
	<p>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)</p> <p>Descriptions of WC pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors are separately measured)</p> <p>As-built drawings 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)</p>				
1	<p>Gratings, covers, etc: 550mm Diameter 176kg type 2A cast iron manhole cover and frame</p>	No	1		
	<p>RAINWATER DISPOSAL Rainwater Gutters and Downpipes: Marley Vynadeep' uPVC or equal approved:</p>				
2	150mm Eaves gutters	m	16		
3	100mm Diameter rainwater pipe fixed to wall with brackets, including sealing joints	m	6		
4	Extra over eaves gutter for stopped end	No	4		
5	Extra over eaves gutter for outlet for 100mm diameter rainwater pipe	No	3		
6	Extra over rainwater pipe for shoe	No	2		
7	Extra over rainwater pipe for bend	No			
	<p>Polypropylene or equal approved:</p>				
8	Low level suite (code 750151) with a 90 degrees outlet washdown pan heavy duty double flap seat and 9 litre plastic cistern with lid and flushpipe complete Vaal or equal approved vitreous china wash hand basins and pedestals:	No	1		
	<p>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</p>	No	1		
	<p>Franke or equal approved stainless steel sinks:</p>				
10	"Dominox PLN611" or equal approved single end bowl drop-in sink size 915 x 460mm, on cupboard (elsewhere measured)	No	1		
	<p>Libra or equal approved:</p>				
11	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	1		
	<p>WASTE UNIONS, ETC Cobra Watertech or equal approved:</p>				
12	32mm Basin waste union with plug, chain and stay and joint to 40mm uPVC pipe	No	1		
13	38mm Sink waste union and joint to 50mm uPVC pipe TRAPS, ETC. uPVC:	No	1		
14	40mm plain"P" trap	No	2		
	<p>TAPS, VALVES, ETC Plastic</p>				
15	15mm Stopcock	No	6		
	<p>Cobra Watertech or equal approved tap, etc:</p>				
16	15mm Chrome coral bib tap	No	3		
	<p>Cobra Watertech or equal approved crutch handle pillar taps:</p>				
17	15mm chrome plated pillar tap (code 811-15)	No	6		
	<p>SANITARY PLUMBING uPVC pipes:</p>				
18	40mm Pipe fixed to or chased into brickwork	m	25		



19	110mm Pipes laid in and including trenches not exceeding 1m deep	m	30		
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ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<u>Extra over uPVC pipes for fittings:</u>				
20	40mm Bend	No	4		
21	40mm Access bend	No	2		
22	110mm Access bend	No	1		
23	40mm Junction	No	2		
24	110mm Junction	No	2		
25	10mm Rodding eye	No	2		
26	110mm Pan connector	No	1		
27	50mm vent pipe	m	6		
	<u>Gulleys:110mm uPVC gully trap not exceeding 750mm deep, including vertical piping, gully head and grating, all encased in concrete and concrete hopper size 450 x 450mm, rounded kerb, etc</u>				
28		No	1		
	<u>WATER SUPPLIES</u>				
	<u>Class 2 copper pipes in repairs to existing installation:</u>				
29	15mm Fittings	No	12		
	<u>Polycop Pipe</u>				
30	15mm Pipe	m	23		
	<u>KWIKOT' or approved intergrated solar geyser:</u>				
31	100L Geyser installed complete	No	1		
32	Connecting geyster to water points (pair) <u>CONNECTIONS:</u>	Item	1		
	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	1		
33	Allow for 20mm HDPE water connection to municipal network	m	35		
34		Item	1		
	<u>SUNDRIES</u>				
	Full survey of plumbing installation and provision of a plumbing certificate of				
	Carried to Sectional Summary				

BILL OF QUANTITIES
HOUSE MKHONZA

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 17</u> <u>GLAZING</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>Float glass</u> The term "float glass" is used for monolithic annealed glass</p> <p><u>Laminated glass</u> Laminated glass to have polyvinyl butyral (PVB) interlayer(s)</p> <p><u>GLAZING TO STEEL WITH PUTTY</u> <u>4mm Clear float glass:</u></p>				
1	Panes not exceeding 0,1 m2	m2	3		
2	Panes exceeding 0,5m2 and not exceeding 2m2	m2	1		
	<p><u>4mm Obscure glass:</u></p>				
3	Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	1		
	Carried to Sectional Summary				

ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p><u>SECTION NO. 2</u> <u>BILL NO. 18</u> <u>PAINTWORK</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>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</p> <p><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 * -</p> <p><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</p> <p><u>PAINT SPECIFICATIONS</u> All painting shall be done in accordance with "?" specifications unless otherwise</p> <p><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</p> <p>All paint shall be SABS Approved paint applied in accordance with manufacturer's instructions:</p> <p><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></p> <p>1 On interior walls m2 88.5</p> <p>2 On external walls m2 69.03</p> <p><u>ON PLASTER BOARD</u> <u>Prepare surfaces and remove all loose material, apply one coat primer and two coats alkali resistant paint:</u></p> <p>3 On ceilings and cornices m2 40.43</p> <p><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></p> <p>4 On fascias and bargeboards m2 6.57</p> <p><u>ON WOOD</u> <u>Stop, fill, sand down and prepare wood surfaces and apply one undercoat and two coats polyurethane enamel varnish:</u></p> <p>5 On interior and exterior doors m2 22.04</p> <p><u>ON METAL</u> <u>Apply one undercoat and two coats enamel paint(red-oxide):</u></p> <p>6 On window frames m2 3.6</p> <p>7 On door frames m2 7.19</p>				
	Carried to ⁵² Sectional Summary				



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



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<p>SECTION NO. 3 BILL NO. 1 ELECTRICAL WORK</p> <p>SUPPLEMENTARY PREAMBLES <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 Distribution boards, etc:</p> <p>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 <u>Light fittings:</u></p> <p>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 <u>General Requirements:</u></p> <p>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> <p><u>DISTRIBUTION BOARDS with CBI BREAKERS</u></p>				
1	Distribution Board, 1 x 12 way, mild steel, powder coated white surface mounted	No	1		
2	Prepaid Metering Device	No	1		
	<u>JUNCTION BOXES</u>				
3	20 to 25mm PVC 4Way box white	No	5		
	<u>GENERAL PURPOSE WIRE</u>				
4	1.5mm ²	No	60		
5	2.5mm ²	No	40		
6	4mm ²	No	3		
	<u>PVC CONDUITE SURFACE MOUNT</u>				
7	20mm including saddles and screws	m	30		
	<u>POWER SOCKET OUTLET</u>				
8	16 A Single socket 300h outlet 50x100 mm including wonder box and sundries	No	1		
10	16 A Single socket 1000h outlet 50x100 mm including wonder box and sundries	No	3		



ITEM	DESCRIPTION	UNIT	QUANTITY	RATE	AMOUNT
	<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	2		
10	16 A two lever light switch plate to fit 50x100 mm or 100x100 mm box	No	3		
	<u>ISOLATOR</u>				
11	30-60 A Isolator switch to fit 50x100 mm or 100x100 mm box	No	1		
	<u>Stove Coupler</u>				
12	Galvanised Stove Coupler	No	1		
	<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>				
13	160 mm: polycarbonate bowl only (Including base)	No	5		
	<u>LED bayonet lamp (B22), minimum efficiency: 100 lm/W.</u>				
14	10W LED lamp (minimum 900 lumen), neutral white 4000K	No	5		
	Bulkhead Light	No	3		
	<u>Cable ends for copper earth conductor including glands, lugs and connections</u>				
15	10 mm ² Bare copper earth wire	m	3		
16	Earth spike 1,2m	No	1		
	<u>SUNDRIES</u>				
17	Full survey of internal electrical installation and provision of an electrical certificate of compliance	Item	1		
	Carried to Sectional Summary				



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