

1. EXTENT OF CONTRACT

Building contract

The work embodied in the contract comprises remedial work of a house.

The successful tenderer for this contract will be appointed in terms of the National Home Builders Registration Council Remedial work.

2. ACQUAINTANCE WITH TENDER DOCUMENTS

By submission of a tender, the contractor shall be deemed to have acquainted himself with the contract documents, local requirements and laws and all aspects of the work envisaged in the documents, prior to pricing and submission of a tender. It is of vital importance that the tenderer visit the site prior to the submission of a tender to study conditions on site.

No claim resulting from failure to comply with any of the above will be entertained.

3. CONTRACT DOCUMENTS

The contract documents shall comprise:

- * This tender enquiry document, bills of quantities and its annexures.

4. BILLS OF QUANTITIES

These bills of quantities contain pages numbered consecutively as indicated in the Index. Before the contractor submits his tender he should check the number of pages, and if any are found to be missing or duplicated, or the figures or writing indistinct, or the tender documents contain any obvious errors, he should apply to the quantity surveyors at once and have same rectified as no liability whatsoever will be admitted by the National Home Builders Registration Council (NHBRC), in respect of errors in a tender due to the foregoing.

On no account should these documents be used for placing orders for materials. The contractor may do so at his own risk but shall not be reimbursed for additional costs so incurred.

Unless a separate rate for the supply and for the installation of any items is specifically called for, the supply and installation costs of any item shall be deemed to be fully included in the unit price.

5. MATERIAL AND LABOUR COST FLUCTUATIONS

Tenders shall be fixed ie inclusive of provision for material and labour cost fluctuations during the course of the works.

**NOTES AND SPECIFICATIONS
NOTES TO TENDERERS
PROVISIONAL BILL OF QUANTITIES
NHBRC REMEDIAL WORK - UNDERPINNING**

6. CONDITIONS TO BE OBSERVED IN TENDERING

- 6.1 Tenders shall include Value Added Tax
- 6.2 The conciliation officer will notify the tenderer of the tender results
- 6.3 The lowest, or any, or portion of any tender will not necessarily be accepted.
- 6.4 All tenders must be entered on the form provided herein.
- 6.5 Tenders must hold good for thirty (90) calendar days from the tender closing date as stated herein.
- 6.6 All recipients of the tender document (whether they submit a tender or not) must treat the details of the document as private and confidential
- 6.7 The employer will not be responsible for, or pay for, expenses or losses, which may be incurred by any tenderer in the preparation of his tender.

7. TENDER INFORMATION

The employer may require additional information from the tenderer in order to evaluate the tender. The tenderer is required to provide such information if so required by the employer.

8. SITE INSPECTION

Tenderers are required to inspect the site before submission of his tender.

The tenderer is also required to familiarise himself before submission of his tender with regard to relevant local site conditions, site accessibility, the nature of operations required, availability of labour and any conditions pertaining there to, together with conditions relating to unloading, carting and storage of materials, equipment and tools required for the works.

9. SUBMISSION OF TENDERS

The tenderer shall submit the Tender (Priced BOQ) electronically to scmrequests@nhbrc.org.za. The subject line in the email shall clearly state the following: "TENDER FOR HOUSE VAN NIEKERK. ERF 7421, SWELLENDAM, WESTERN CAPE"

Neither late tenders nor faxed tenders will be considered.

**NOTES AND SPECIFICATIONS
NOTES TO TENDERERS
PROVISIONAL BILL OF QUANTITIES
NHBRC REMEDIAL WORK - UNDERPINNING**

NAMES OF PARTIES

1. EMPLOYER

National Home Builders Registration Council
Contact Person: Mr. Songezo Boo
Physical Address: 27 Leeuwkop Road, Sunning hill, Johannesburg
Postal address: P O BOX 461, Randburg, 2125
Tel: (011) 317 0000
Fax: (011) 317 0105

2. ENGINEER

National Home Builders Registration Council
Contact Person : Mr. Dalitso Mkandawire
Physical Address: Centennial Office Park, First Floor, East Block, Century City
Postal address: P O BOX 461, Randburg, 2125
Tel: 083 475 3546

3. CONCILIATION OFFICER

National Home Builders Registration Council
Contact Person : Me. Nwabisa Mayongo
Physical Address: Centennial Office Park, First Floor, East Block, Century City
Postal address: P O BOX 461, Randburg, 2125
Tel: 073 590 7466

4. QUANTITY SURVEYOR

National Home Builders Registration Council
Contact Person: Mr Waldo Van Rooyen
Physical Address: 27 Leeuwkop Road, Sunninghill, Johannesburg
Postal address: P O BOX 461, Randburg, 2125
Tel: (011) 317 0117

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p><u>NOTES</u></p> <p>The agreement is to be a "Remedial work contract" that will be signed between the Employer (NHBRC) and Contractor upon acceptance to tender offer</p> <p><u>Temporary works and plant</u></p> <p>The contractor shall protect, uphold and maintain all public utilities and services and shall not interfere with their operation without the consent of the service authorities and the Conciliation Officer. The contractor shall notify the Conciliation Officer of any damages 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 connection thereto</p> <p>The contractor shall provide noise and dust control to the approval of the Conciliation Officer</p> <p>The contractor shall maintain the access roads, paths, building etc, adjacent to the construction area etc, during the period of the works in a clean rubble free condition</p> <p><u>Identity of employees</u></p> <p>All employees of the contractor and his subcontractors 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 aforementioned conditions the contractor shall be requested by Conciliation Officer, to remove such person from site.</p> <p style="text-align: right;">Carried forward</p> | | | |
| | <p>Section No. 1 BUILDINGS Bill No. 1 PRELIMINARIES AND GENERAL PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| Brought forward | | | R |
|------------------------|--|------|----------|
| | <p><u>Health and safety</u></p> <p>The contractor is to comply with all requirements of the Health and Safety Specification</p> <p><u>Housekeeping and compliance with Conciliation Officer site rules</u></p> <p>The contractor will be responsible for a high standard of housekeeping in his site establishment, delivery of materials and goods and removal of rubble, debris, etc., storage areas and construction working areas to the approval of the Conciliation Officer</p> <p><u>Working hours</u></p> <p>Should the contractor wish to work outside normal working hours or at weekends in order to maintain his building programme, he shall notify and obtain the approval of the Conciliation Officer before doing so. The cost of this overtime will be for the contractor's account</p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p><u>All risk insurance</u></p> | | |
| 1 | <p>Allowance for contractor's all risk insurance etc.</p> | Item | |
| | <p><u>Health and Safety</u></p> | | |
| 2 | <p>Allowance for all health and safety requirements as deemed necessary for the successful execution of the project</p> | Item | |
| | <p><u>Management of contract</u></p> | | |
| 3 | <p>Management of the works, programming for the works, progress meetings, technical meetings, etc</p> | Item | |
| | <p><u>Temporary works and plant</u></p> | | |
| 4 | <p>Plant, equipment, scaffolding, sheds and offices etc</p> | Item | |
| | Carried forward | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 1 PRELIMINARIES AND GENERAL PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 2</u></p> <p><u>ALTERATIONS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>View site</u></p> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent</p> <p style="text-align: right;">Carried forward</p> | | | |
| | <p>Section No. 1 BUILDINGS Bill No. 2 ALTERATIONS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

NHBRC REMEDIAL WORKS - HOUSE VAN NIEKERK
ERF 7421
SWELLENDAM
WESTERN CAPE

| Brought forward | | | R |
|--|-------------------|----|----|
| <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing ant glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> | | | |
| <u>REMOVAL OF EXISTING WORK</u> | | | |
| <u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u> | | | |
| 1 | 250mm Thick bases | m2 | 11 |
| <u>Breaking down and removing brickwork etc</u> | | | |
| 2 | Brick Column | m3 | 5 |
| Carried forward | | | R |
| <p>Section No. 1 BUILDINGS Bill No. 2 ALTERATIONS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

NHBRC REMEDIAL WORKS - HOUSE VAN NIEKERK
ERF 7421
SWELLENDAM
WESTERN CAPE

| Brought forward | | | R |
|------------------------|---|----|----|
| | <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc and set aside and later re fixed in similar new position</u> | | |
| 3 | Fascia and Barge boards including screws, brackets etc. | m | 40 |
| 4 | Tongued and grooved timber suspended floors including joists, bearers, etc | m2 | 98 |
| 5 | Drywall partitioning 3000mm high including 75mm Think pink, ironmongery, etc | m | 8 |
| | Taking down and removing roofs, floors, panelling, ceilings, partitions, etc | | |
| 6 | Timber skirtings including quarter round from brickwork | m | 74 |
| 7 | Carefully take down Wooden balustrades 1000mm High and set aside and later refit in similar new position. Allow for 2mm steel brackets to strengthen and secure the balustrade to timber pillars. | m | 21 |
| | <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u> | | |
| 8 | Cornice from brickwork | m | 36 |
| 9 | Take down and remove all 100 x 100mm wooden pillar posts 2500mm high (Patio/Stoep) | No | 8 |
| | <u>Taking out and removing sundry joinery work, fittings, etc, setting aside for re-use and later re fixing in similar new position</u> | | |
| 10 | Timber single door 813 x 2032mm high overall from timber walls | No | 7 |
| 11 | Timber sink floor cupboard 1600 x 600 x 910mm high with solid timber top, including sink and disconnecting water pipes and installing new trap etc. and connecting to new waste pipe etc. | m | 2 |
| | Carried forward | | R |
| | Section No. 1 BUILDINGS Bill No. 2 ALTERATIONS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | |

**NHBRC REMEDIAL WORKS - HOUSE VAN NIEKERK
ERF 7421
SWELLENDAM
WESTERN CAPE**

| Brought forward | | | R |
|---|--|----|----|
| | <u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u> | | |
| 25 | 20mm Screed from wooden floors | m2 | 20 |
| | <u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete, wood or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u> | | |
| 26 | Tiles to floors | m2 | 15 |
| 27 | Tiles to walls | m2 | 19 |
| 28 | Skirting tiles | m | 5 |
| | <u>Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from fittings etc setting aside for re-use</u> | | |
| 29 | Wash hand basin, including short length pipings | No | 3 |
| 30 | WC pan with cistern, including short lengths of piping, etc | No | 3 |
| 31 | Bath, including pipings etc | No | 1 |
| | <u>Taking out/off and removing glass panels etc and setting aside for re-use and later refixing in similar new position</u> | | |
| 32 | Shower door, including side panels | No | 2 |
| 33 | Mirror from wall | No | 2 |
| Carried forward | | | R |
| Section No. 1 BUILDINGS Bill No. 2 ALTERATIONS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

| | | Brought forward | | R |
|---|--|-----------------|---|---|
| <u>CUTTING THROUGH FLOORS AND CEILINGS</u> | | | | |
| 34 | Cutting through gypsum board ceiling and brandering for ?125mm diameter gumpole including making good around gumpole. (new cornices elsewhere) | m | 2 | |
| <u>MAKING GOOD OF FINISHES ETC</u> | | | | |
| <u>Making good "Rhino" gypsum plasterboard ceilings and brandering</u> | | | | |
| 35 | Ceilings in patches | m2 | 2 | |
| Carried Forward to Sectional Summary: 1 | | | | R |
| Section No. 1 BUILDINGS Bill No. 2 ALTERATIONS <i>PROVISIONAL BILL OF QUANTITIES</i> <i>NHBRC REMEDIAL WORK - UNDERPINNING</i> | | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>BILL NO 3</u></p> <p><u>EARTHWORKS (PROVISIONAL)</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>User note</u></p> <p>The following are typical examples of descriptions of "nature of ground"</p> <p><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 silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p> <p><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.</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 back filling shall include for all selection and any necessary multiple handling of material</p> <p style="text-align: right;">Carried forward</p> | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 3 EARTHWORKS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| Brought forward | | | R |
|--|--|----|------|
| <u>User note</u> | | | |
| When no information regarding density tests is available the following preamble in respect of testing may be inserted | | | |
| <u>Testing</u> | | | |
| Prices for filling are to include for all necessary density tests in accordance with SABS 1200D | | | |
| <u>EXCAVATION, FILLING ETC</u> | | | |
| <u>EXCAVATIONS, ETC</u> | | | |
| <u>Excavation in earth not exceeding 2m deep</u> | | | |
| 1 | Base work under concrete water channel | m3 | 3 |
| 2 | Bases | m3 | 15 |
| <u>Extra over all excavations for carting away</u> | | | |
| 3 | Surplus material from excavations and/ stock piles on site to a dumping site to be located by the contractor | m3 | 9 |
| <u>Risk of collapse of excavations</u> | | | |
| 4 | Sides of trench and hole excavations not exceeding 1,5m deep | m2 | 81 |
| <u>Keeping excavations free of water</u> | | | |
| 5 | Keeping excavations free of all water other than subterranean water | | Item |
| <u>FILLING ETC</u> | | | |
| <u>Earth filling obtained from the excavations compacted to 97% Mod AASHTO density</u> | | | |
| 6 | Trenches, Bases, holes etc. | m3 | 3 |
| Carried forward | | | R |
| Section No. 1 BUILDINGS Bill No. 3 EARTHWORKS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

**NHBRC REMEDIAL WORKS - HOUSE VAN NIEKERK
ERF 7421
SWELLENDAM
WESTERN CAPE**

| Brought forward | | | R |
|--|---|----|----------|
| 7 | Under floors / Channels, steps, paving etc. <u>Selected granular material grade 6F1, as per SHW Series 600, well compacted (suggested CBR 15%) All as per Engineers detail</u> | m3 | 1 |
| 8 | Under Storm water channel <u>Coarse river sand filling supplied by the contractor</u> | m3 | 2 |
| 9 | Under Floors etc <u>Compacting of surfaces</u> | m3 | 0.3 |
| 10 | Compaction of ground surface under slabs bases etc, including scarifying for a depth of 150mm, stabilize with 2% cement and compact to 95% Mod AASHTO density. (All as per Eng. Detail) <u>Prescribed density tests on filling</u> | m2 | 31 |
| 11 | Modified AASHTO Density test <u>SOIL POISINING</u> <u>Soil insecticide in accordance with SANS 5859</u> | No | 5 |
| 12 | Under bases, slabs etc. | m2 | 31 |
| Carried Forward to Sectional Summary: 1 | | | R |
| Section No. 1 BUILDINGS Bill No. 3 EARTHWORKS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 4</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the architect. The testing shall be undertaken by an independent firm or institution nominated by the contractor and to the approval of the architect. (Test cubes are measured separately)</p> <p><u>Formwork</u></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use.</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself</p> <p>Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described</p> <p style="text-align: right;">Carried forward</p> | | | |
| | <p>Section No. 1 BUILDINGS Bill No. 4 CONCRETE, FORMWORK AND REINFORCEMENT PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| Brought forward | | | R |
|---|----------------------------|----|---|
| <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>User Note</u></p> <p><i>In order to accommodate the custom in some regions to give formwork to sides of beams, isolated beams, etc separately from formwork to the soffits thereof, the items in respect of formwork to beams, isolated beams, etc are given under the headings of "formwork to sides", "formwork to soffits" and "formwork to sides and soffits"</i></p> | | | |
| <p><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> | | | |
| <p><u>20 Mpa/19mm Concrete</u></p> | | | |
| 1 | Concrete bases (Gum poles) | m3 | 1 |
| <p><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></p> | | | |
| <p><u>25Mpa/19 concrete</u></p> | | | |
| 2 | Bases | m3 | 5 |
| <p><u>25 Mpa/19mm Concrete (Minimum 100mm Slump and Vibrate all air out) (All as per Engineers detail)</u></p> | | | |
| 3 | Columns in foundations | m3 | 2 |
| Carried forward | | | R |
| <p>Section No. 1 BUILDINGS Bill No. 4 CONCRETE, FORMWORK AND REINFORCEMENT PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| | | Brought forward | | R |
|--|---|-----------------|------|---|
| <u>TEST CUBES</u> | | | | |
| 4 | Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional) | No | 2 | |
| <u>CONCRETE SUNDRIES</u> | | | | |
| 35 MPa non-shrink grout | | | | |
| 5 | Bedding approximately 30mm thick under 135 x 450mm long U Channel including chamfered edges all round | No | 36 | |
| <u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u> | | | | |
| <u>Smooth formwork to sides</u> | | | | |
| 6 | Edges, risers, ends and reveals not exceeding 300mm high or wide | m | 15 | |
| <u>REINFORCEMENT (PROVISIONAL)</u> | | | | |
| <u>High tensile steel reinforcement to structural concrete work</u> | | | | |
| 7 | 10mm Diameter bars | t | 0.06 | |
| 8 | 12mm Diameter bars | t | 0.13 | |
| <u>Fabric reinforcement</u> | | | | |
| 9 | Type Ref 888 fabric reinforcement in concrete surface beds, slabs, etc. (Mesh bent as per Eng Detail) | m2 | 23 | |
| Carried Forward to Sectional Summary: 1 | | | | R |
| Section No. 1 BUILDINGS Bill No. 4 CONCRETE, FORMWORK AND REINFORCEMENT PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 5</u></p> <p><u>PRECAST CONCRETE</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Sizes:</p> <p>Blocks, sills, etc measured linear shall be made in suitable lengths. Large size setting out drawings shall be prepared where necessary and submitted to the architect for approval before moulds are made</p> <p>General:</p> <p>Where kerbstones, blocks, etc are laid in ground descriptions shall be deemed to include necessary excavation, filling in and ramming</p> <p><u>PRECAST CONCRETE</u></p> <p>User note:</p> <p>The following precast concrete paving descriptions are only to be used when paving slabs etc are purpose made to detailed specifications and other than those available ex stock</p> <p>V Shape Storm water channel 650 x 1000 x 75mm including bedding, jointing and pointing</p> | | | |
| 1 | Storm water channel laid to falls including all ground works etc. | m | 13 | |
| | Joint sealants | | | |
| 2 | Silicone sealing compound in 10mm wide joints between units including backing strips, bond breaker, primer, etc (All as per Eng details) | m | 14 | |
| | Carried Forward to Sectional Summary: 1 | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 5 PRECAST CONCRETE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>BILL NO 6</u></p> <p><u>MASONRY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions</u></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7Mpa</p> <p>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><u>Hollow walls</u></p> <p>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><u>User note</u></p> <p><i>The following preamble generally applies for works in hot and humid coastal areas</i></p> <p><u>Bagged and sealed walls</u></p> <p>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 style="text-align: right;">Carried forward</p> | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 6 MASONRY PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| | | | |
|--|--|---|--|
| <p style="text-align: center;">Brought forward</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><u>Pointing</u></p> <p>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><u>BLOCKWORK</u></p> <p><u>Concrete masonry units</u></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7MPa</p> <p><u>Wall ties for blockwork</u></p> <p>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><u>Blockwork</u></p> <p>Blockwork shall comply with SANS 10145 "Concrete Masonry Construction"</p> | | R | |
| <p style="text-align: center;">Carried forward</p> <p>Section No. 1 BUILDINGS Bill No. 6 MASONRY PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| Brought forward | | | R |
|------------------------|---|----|-----|
| | <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><u>Standard complementary blocks</u></p> <p>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 necessary</p> <p><u>DECORATIVE BLOCKS</u></p> <p>Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour</p> <p><u>FOUNDATIONS (PROVISIONAL)</u></p> <p><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u></p> | | |
| 1 | Half brick walls | m2 | 72 |
| | <u>BRICKWORK SUNDRIES</u> | | |
| 2 | 75mm Wide reinforcement built in horizontally | m | 288 |
| | Carried Forward to Sectional Summary: 1 | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 6 MASONRY PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 7</u></p> <p><u>WATERPROOFING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Waterproofing</u></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>DAMP PROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of 250 micron " Consol plastic Gunplas USB Green"</u></p> | | | |
| 1 | Under surface beds (Storm water Gulley Slab) | m2 | 1 | |
| | <p>Carried Forward to Sectional Summary: 1</p> <p>Section No. 1 BUILDINGS Bill No. 7 WATERPROOFING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>BILL NO 8</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Particle board:</p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p>Joinery:</p> <p>Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p>Fixing</p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Decorative laminate finish:</p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><u>ROOFS ETC</u></p> <p>SA Pine laminated timber</p> | | | |
| 1 | 228 x 50mm Bearers bolted | m | 59 | |
| | Carried forward | | R | |
| | <p>Section No. 1 BUILDINGS Bill No. 8 CARPENTRY AND JOINERY PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

**NHBRC REMEDIAL WORKS - HOUSE VAN NIEKERK
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| Brought forward | | | R |
|---|--|----|----------|
| 2 | 152 x 50mm Beams, pergola beams, etc bolted on one end and screwed to Truss hangers at other end | m | 118 |
| SA Pine Sawn softwood | | | |
| 3 | 76 x 50mm Cross bracing | m | 31 |
| 4 | 100 x 100mm x 2700mm Timber Pillars | No | 7 |
| CCA Treated Gumpoles | | | |
| 5 | 76 x 100mm Pole (3.4m length) | No | 12 |
| 6 | 76 x 100mm Pole (6m length) | No | 1 |
| 7 | 76 x 100mm Pole (7.2m length) | No | 3 |
| 8 | 76 x 100mm Pole (7.8m length) | No | 2 |
| Sundries | | | |
| 9 | Three coats oil (Timberlife or similar approved) | m2 | 94 |
| 10 | 90 x 50 x 1.6mm Truss Hangers | No | 72 |
| 11 | M12 Galvanised threaded round bar with washers and nuts. | No | 23 |
| 12 | 2mm thick purpose made Intermediate brackets (All as per Engineers detail) | No | 12 |
| 13 | 2mm thick purpose made Corner brackets (All as per Engineers detail) | No | 4 |
| Carried Forward to Sectional Summary: 1 | | | R |
| Section No. 1 BUILDINGS Bill No. 8 CARPENTRY AND JOINERY PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 9</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u></p> <p>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></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal</p> <p><u>Bulkheads</u></p> <p>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 are more than 900mm. Where this dimensions are more than 900mm such portions of ceilings have been included in the appropriate general items of ceilings</p> <p>Unless otherwise described bulkheads shall be deemed to be horizontal along the length</p> <p style="text-align: right;">Carried forward</p> | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| | | | | |
|---|--|---|----|----------|
| | Brought forward | | | R |
| | <p><u>Steel components</u></p> <p>All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121</p> <p><u>User note</u></p> <p><i>Circular bulkheads shall be given separately</i></p> <p><u>NAILED-UP CEILINGS</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>"Rhino" gypsom plasterboard cornice</u></p> | | | |
| 1 | Rhino 75mm Coved cornice (To match existing) | m | 36 | |
| | Carried Forward to Sectional Summary: 1 | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 9 CEILINGS PARTITIONS AND ACCESS FLOORING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 10</u></p> <p><u>STRUCTURAL STEELWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p>Descriptions</p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete</p> <p>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>Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete. Where anchor bolts are described as embedded in sides or soffits of concrete it shall be deemed to include holes through formwork.</p> <p>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>Prices of Structural steel shall deemed to included all cutting, waste, drilled, welding or bolting, finishing smooth and even , erecting in position grouting and levelling, etc.</p> <p><u>STEEL COLUMNS AND BEAMS</u></p> <p>Steel beams</p> | | | |
| 1 | 135 x 70mm U-Channel in single length, bolted at 1000mm c/c (M10 Bolts elsewhere measured) | m | 67 | |
| | Carried forward | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 10 STRUCTURAL STEELWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| | | Brought forward | | R |
|---|---|-----------------|----|---|
| | Bolts to columns, beams, etc | | | |
| 2 | M10 Bolts etc. | No | 70 | |
| | Carried Forward to Sectional Summary: 1 | | | R |
| | Section No. 1 BUILDINGS Bill No. 10 STRUCTURAL STEELWORK <i>PROVISIONAL BILL OF QUANTITIES</i> <i>NHBRC REMEDIAL WORK - UNDERPINNING</i> | | | |

| Item No | | Quantity | Rate | Amount |
|---|----|----------|------|--------|
| <u>BILL NO 11</u> | | | | |
| <u>PLASTERING</u> | | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| <u>User note</u> | | | | |
| <i>The following preambles are to be included only when specifically required by the principal agent</i> | | | | |
| <u>GRANOLITHIC</u> | | | | |
| <u>Method</u> | | | | |
| The method to be used shall be either the monolithic method or the bonded method | | | | |
| <u>SCREEDS</u> | | | | |
| <u>Screeds on wooden floors</u> | | | | |
| 1 25mm thick on floors and landings | m2 | 20 | | |
| Carried Forward to Sectional Summary: 1 | | | R | |
| Section No. 1 BUILDINGS Bill No. 11 PLASTERING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 12</u></p> <p><u>TILING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u></p> <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)"descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>Tiling described as "fixed with adhesive on power floated concrete shall be deemed to include for approved tiling key-coat</p> <p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" ("Ceresit Tylon") range of products as recommended by the manufacturer of the tiles</p> <p><u>User note</u></p> <p>Waterproofing grout is normally used in showers, on balconies, etc. Epoxy grout is used in kitchens, butcheries. etc. Where floors are frequently washed with detergents.</p> <p><u>FLOOR TILING</u></p> <p><u>400x400x8mm Ceramic floor tiles (To match existing) (PC R 100/m2) fixed with adhesive on to screed/wooden floor (Including the treating of screed / wooden floor with bonding liquid etc.) and flush pointed waterproofing grout.</u></p> | | | |
| 1 | On floors | m2 | 15 | |
| | Carried forward | | R | |
| | <p>Section No. 1 BUILDINGS Bill No. 12 TILING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>BILL NO 13</u></p> <p><u>PLUMBING AND DRAINAGE(PROVISIONAL)</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Stormwater channels</u></p> <p>Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, etc. and disposal of surplus material</p> <p><u>Stainless steel basins, sinks, wash troughs, urinals, etc</u></p> <p>Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0)</p> <p><u>Sealing of edges</u></p> <p>Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone</p> <p><u>uPVC pipes and fittings:</u></p> <p>Sewer and drainage pipes and fittings shall be jointed andsealed with butyl rubber rings</p> <p>Soil, waste and vent pipes and fittings shall be solvent weld jointed</p> <p>Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings</p> <p><u>Copper pipes:</u></p> <p>Pipes shall be hard drawn and half-hard pipes of class 1 and only be bent with benders with inner and outlet former fittings to copper pipes to be capillary type complying with ISO 2016</p> <p style="text-align: right;">Carried forward</p> | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 13 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | | |

| | | | |
|---|--|---|--|
| <p style="text-align: center;">Brought forward</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>Fixing of pipes</u></p> <p>Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level</p> <p><u>Disinfection of water pipework</u></p> <p>Water pipework is to be disinfected at completion in accordance with SABS 1200L (provision for disinfection elsewhere)</p> <p><u>Laying, backfilling, bedding, etc of pipes</u></p> <p>Pipes shall be laid and bedded and trenches shall be carefully backfilling in accordance with manufacturer's instructions</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> | | R | |
| <p style="text-align: center;"><u>STORMWATER DRAINAGE</u></p> <p style="text-align: center;">Carried forward</p> <p>Section No. 1 BUILDINGS Bill No. 13 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| | | Brought forward | | R |
|--|--|-----------------|----|---|
| <u>SANITARY FITTINGS, ETC., INCLUDING ALL TAPS, MIXERS, SHOWER HEADS, TRAPS, WASTE OUTLET FITTINGS, ETC</u> | | | | |
| <u>uPVC pipes</u> | | | | |
| 1 | 220mm Drainage Pipes laid (1:80 Fall) in and including trenches, backfill, not exceeding 1m deep, as well as carefully remove grass layer and re-instate and embedded aggregate around pipe etc. (All as per Engineers detail) | m | 11 | |
| <u>Vaal</u> | | | | |
| 2 | Re-use Vaal Hibiscus Low level WC with matching 9 litre cisten, plastic plated seat, pan connection and stopvalve (re-use existing) | No | 3 | |
| 3 | Re-instate basin including pedestal (re-use existing) | No | 3 | |
| 4 | Re-instate built in bath (re-use existing) | No | 1 | |
| <u>WASTE UNIONS ETC</u> | | | | |
| <u>'Cobra Watertech'</u> | | | | |
| 5 | 32mm Basin waste Union | No | 3 | |
| 6 | 32mm Bath overflow union | No | 1 | |
| 7 | 38mm Bath waste union | No | 1 | |
| <u>TRAPS ETC</u> | | | | |
| <u>uPVC</u> | | | | |
| 8 | 32 x 40mm deep seal "P" trap (Reuse existing) | No | 3 | |
| 9 | 40mm Bath trap complete with overflow outlet and pipe (Reuse Existing) | No | 1 | |
| | | Carried forward | | R |
| Section No. 1 BUILDINGS Bill No. 13 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | | |

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| | | Brought forward | | R |
|----|---|-----------------|------|---|
| | <u>Marley</u> | | | |
| 10 | 40 x 300mm Sink combination for double bowl deep seal (Reuse existing) | No | 1 | |
| | <u>TAPS, VALVES, ETC</u> | | | |
| | <u>Cobra watertech</u> | | | |
| 11 | Re-instate sink taps (re-use existing) | No | 1 | |
| 12 | Re-instate bath taps (re-use existing) | No | 1 | |
| 13 | Re-instate basin tap (re-use existing) | No | 3 | |
| | <u>Sundries</u> | | | |
| 14 | Allowance for testing plumbing system | | Item | |
| | Carried Forward to Sectional Summary: 1 | | | R |
| | Section No. 1 BUILDINGS Bill No. 13 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p><u>BILL NO 14</u></p> <p><u>PAINTWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>PREPARATORY WORK TO EXISTING WORK</u></p> <p><u>Previously painted plastered surfaces</u></p> <p>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>Previously painted metal surfaces</u></p> <p>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></p> <p>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></p> <p>All painting shall be done in accordance with Plascon / Dulux specifications unless otherwise described</p> <p><u>COLOURS</u></p> <p>Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on Munsell system in accordance with SANS 1091</p> <p style="text-align: right;">Carried forward</p> | | | |
| | <p>Section No. 1 BUILDINGS Bill No. 14 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING</p> | | R | |

| Brought forward | | | R |
|--|--|----|-----|
| <u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u> | | | |
| <u>ON PLASTER BOARD INTERNAL WALLS</u> | | | |
| <u>Two coats interior quality PVA emulsion paint</u> | | | |
| 1 | On walls | m2 | 245 |
| <u>ON FIBRE-CEMENT BOARD SURFACES</u> | | | |
| <u>Prepare and apply one coat primer and two coats high quality acrylic emulsion paint</u> | | | |
| 2 | Ceilings and cornices, including priming metal cover strips and nail heads | m2 | 26 |
| 3 | Cornice, including nail heads | m | 36 |
| <u>ON WOOD</u> | | | |
| <u>Prepare and apply two coats high quality paint to match existing</u> | | | |
| 4 | On door frames etc | m2 | 7 |
| 5 | Doors | m2 | 16 |
| 6 | On skirting, rails, etc not exceeding 300 mm girth | m | 74 |
| 7 | Timber pillar post | m2 | 8 |
| <u>Prepare and apply three coats superior quality clear gloss varnish (To match existing)</u> | | | |
| 8 | Floor | m2 | 98 |
| Carried Forward to Sectional Summary: 1 | | | R |
| Section No. 1 BUILDINGS Bill No. 14 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | | |

| Bill No | Section No. 1 BUILDINGS <u>SECTION SUMMARY - BUILDINGS</u> | Page No | Amount |
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| 2 | ALTERATIONS | 12 | |
| 3 | EARTHWORKS | 15 | |
| 4 | CONCRETE, FORMWORK AND REINFORCEMENT | 18 | |
| 5 | PRECAST CONCRETE | 19 | |
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| 7 | WATERPROOFING | 23 | |
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| | Carried to Final Summary | | R |
| | Section No. 1 BUILDINGS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | |

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|------------|--|---------|--------|
| 1 | BUILDINGS | 39 | |
| | SUB TOTAL | | R |
| | <u>CONTINGENCY</u> | | |
| | Allow a contingency of 10% to be used as directed by the Quantity Surveyor. | | SUM |
| | VALUE ADDED TAX | | R |
| | Carried to Form of Tender | | R |
| | PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK - UNDERPINNING | | |