

**1. EXTENT OF CONTRACT**

**Building contract**

The work embodied in the contract comprises of remedial work to House Mngadi, ERF 5259, Blue Valley Golf Estate, Gauteng

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:

- \* Notes to Tenders
- \* Bill of Quantities
- \* Engineer's Report / Scope of work

**4. BILLS OF QUANTITIES**

These bills of quantities contains pages numbered consecutively as indicated in the Index. Before the contractor submits his/her tender he/she should check the number of pages, and if any obvious errors, he/she should apply to the quantity surveyor 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 material orders. The contractor may do so at his/she own risk, but shall not be reimbursed for additional cost incurred.

Unless a separate rate for the supply and installation of any items has been specifically called for, the unit price for all items shall include the supply and installation costs.

These Bill of Quantities to be priced in accordance with the Engineer's Report/Scope of works, with all the quantities being provisional and are to be re-measured on completion of the project.

For the purpose of this Bill Of Quantities, the following words shall have meanings hereby assigned to them:

Unit: The unit of measurement for each item of work as defined in the specifications  
Quantity: The number of units of work for each item  
Rate: The price per unit of measurement at which the tenderer tenders to do the work  
Amount: The product of the quantity and the rate tendered for an item

The following abbreviations are used in the Bill Of Quantities:

mm = millimetre  
m = metre  
m<sup>2</sup> = square metre  
m<sup>3</sup> = cubic metre  
no = number  
% = percent

All rates and sums of money quoted in the Bill Of Quantities shall be in rands and whole cents. Fractions of a cent shall be discounted.

**5. MATERIAL AND LABOUR COST FLUCTUATIONS**

All rates in this tender shall be fixed for the duration of the contract.

**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 tender prices/rates must be filled in on the form provided.
- 6.5 Tenders prices/rates 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**

The compulsory site visit date will be communicated to the tenderer.

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**

**By Email:**

The tenderer shall email The Form Of Tender and Completed Priced Bill of Quantities to [scmrequests@nhbrc.org.za](mailto:scmrequests@nhbrc.org.za)

Neither late tenders nor faxed tenders will be considered.

## **NAMES OF PARTIES**

**1. EMPLOYER**

National Home Builders Registration Council  
Contact Person: Mr Songezo Boo  
Physical Address: 27 Leeuwkop Road, Sunninghill, 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 Wezi Phiri  
Physical Address: 27 Leeuwkop Road, Sunninghill, Johannesburg  
Tel: 083 429 8144

**3. CONCILIATION OFFICER**

National Home Builders Registration Council  
Contact Person : Mr Itumeleng Mobiyane  
Physical Address: 27 Leeuwkop Road, Sunninghill, Johannesburg  
Cell: 082 855 7174

**4. QUNATITY SURVEYORS**

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) 317-0118

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 1</u></b></p> <p><b><u>PRELIMINARIES AND GENERALS</u></b></p> <p><b><u>NOTES</u></b></p> <p>The agreement is to be a "Remedial work contract agreement" that will be signed between the Employer (NHBRC) and Contractor upon acceptance of 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 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 Conciliation Officer.</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> <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 the site.</p> <p style="text-align: right;"><b>Carried forward</b></p> <p><b>Section No. 1</b>  <b>Bill No. 1</b>  <b>PRELIMINARIES AND GENERALS</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>		R	

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

	<b>Brought forward</b>		<b>R</b>
	<p><u>Health and safety</u></p> <p>The contractor is to comply with all requirements of the Health and Safety Act</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>		
	<b><u>PRELIMINARIES AND GENERAL</u></b>		
1	Allowance for contractor's all risk insurance, etc.	Item	
2	Allowance for Health and Safety requirements ( i.e All work to be in compliance with the provisions of the OHS Act 85 of 1993 and Regulations R1010)	Item	
3	Allowance for contractor's general obligations ( i.e. Salaries, facilities for the contractor and his stuff, small tools, Scaffolding, scheduling of work due to weather, etc.)	Item	
4	Allowance for site establishment and de establishment etc. (Site office, water and electricity etc) Including registration of all workers with the Estate	Item	
5	Allowance for housekeeping and compliance of unwanted material to be dumped and disposed to a site designated by local authority.	Item	
	<b>Carried Forward to Sectional Summary: 1</b>		<b>R</b>
	<p><b>Section No. 1</b>  <b>Bill No. 1</b>  <b>PRELIMINARIES AND GENERALS</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>		

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 2</u></b></p> <p><b><u>ALTERATIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>View site</u></p> <p>Before submitting the 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 minimum of disturbance to adjoining premises and their tenants. He/she 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/engineer</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/engineer.</p> <p style="text-align: right;"><b>Carried forward</b></p>			R
	<p><b>Section No. 1</b>  <b>Bill No. 2</b>  <b>ALTERATIONS.</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

	<b>Brought forward</b>			R
	<p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re fixing including taking off. easing and rehangng, cramping up, re wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all ail 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 doors, windows, etc shall including for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stop, cabin hook, 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, granolithis, tops of walls, etc, shall be levelled and prepared for raising of brickwork</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> <p>All loading and carting away cost of demolished material will be included in the Rate</p> <p><b><u>REMOVAL OF EXISTING WORK</u></b></p> <p><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></p>			
1	Cornice from brickwork	m	18	
	<b>Carried forward</b>			R
	<p><b>Section No. 1          Bill No. 2          ALTERATIONS.          PROVISIONAL BILL OF QUANTITIES          NHBRC REMEDIAL WORK</b></p>			



**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

<b>Brought forward</b>			<b>R</b>
	<u>Taking out and removing sundry joinery work, fittings, etc, setting aside for re-use and later refixing in similar new position</u>		
2	Vanity cupboard 670 x 600 x 910mm high including granite top etc.	m	1
3	Vanity cupboard 2004 x 600 x 910mm high including granite top etc.	m	2
4	Timber wall cupboard 2100 x 600 x 2600mm high.	m	2
5	Timber wall cupboard 1460 x 600 x 2680mm high.	m	2
6	Timber wall cupboard 1280 x 600 x 2680mm high.	m	2
7	Timber wall cupboard 1800 x 600 x 2680mm high.	m	2
8	Timber Shelves 350 x 1350mm in length screwed to 44 x 20mm wooden battens to the sides and the head walls	No	12
9	Timber Shelves 350 x 1100mm in length screwed to 44 x 20mm wooden battens to the sides and the head walls	No	9
10	Timber skirtings including quarter round from brickwork	m	6
11	Timber Hexagon shelve 450mm in length screwed to wall	No	2
	<u>Taking out and removing ironmongery etc, setting aside for re-use and later refixing in similar new position</u>		
12	Curtain Rail	No	5
13	Towel Rail	No	2
14	Toilet roll holder	No	1
15	Towel Hook	No	1
16	Material Blinds 2640 x 2680mm high	No	2
<b>Carried forward</b>			<b>R</b>
<b>Section No. 1</b> <b>Bill No. 2</b> <b>ALTERATIONS.</b> <b>PROVISIONAL BILL OF QUANTITIES</b> <b>NHBRC REMEDIAL WORK</b>			

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

<b>Brought forward</b>			R
	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>		
17	Tiles to walls	m2	56
	<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>		
18	Wash hand basin, Taps including short length pipings etc.	No	3
19	WC pan with cistern, including short lengths of piping, etc	No	2
	<u>Taking out/off and removing glass panels etc and setting aside for re-use and later refixing in similar new position</u>		
20	Frame less Shower door and side panel etc.	No	2
21	Mirror from wall	No	3
	<b><u>MAKING GOOD OF FINISHES. ETC</u></b>		
	<u>Making good internal cement plaster</u>		
22	Walls in patches	m2	21
	<u>Making good External cement plaster</u>		
23	Walls in patches	m2	5
	<b>Carried Forward to Sectional Summary: 1</b>		R
	<b>Section No. 1          Bill No. 2          ALTERATIONS.          PROVISIONAL BILL OF QUANTITIES          NHBRC REMEDIAL WORK</b>		

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 3</u></b></p> <p><b><u>MASONRY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>BRICKWORK</u></b></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;"><b>Carried forward</b></p> <p><b>Section No. 1</b>  <b>Bill No. 3</b>  <b>MASONRY</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			R

<p style="text-align: center;"><b>Brought forward</b></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><b><u>BLOCKWORK</u></b></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;"><b>Carried forward</b></p> <p><b>Section No. 1</b>  <b>Bill No. 3</b>  <b>MASONRY</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>		R	

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

<b>Brought forward</b>			<b>R</b>
<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><b><u>REPAIRING OF BRICKWORK</u></b></p> <p><u>Repairs for collaps and crumbling brick work (All as per Eng Detail)</u></p>			
1	Saw-cut neatly a square box 500mm x 500mm around the popping bricks ensuring a square cut with no further edges	m	376
2	Carefully take out collapsed / crumbling bricks in 110mm brick wall, approximately 0,3m2 and replace with new cement bricks to match existing.(All as per the Engineers Report / Spec) (Plaster, paint and mesh elsewhere measured)	No	43
<b>Carried forward</b>			<b>R</b>
<p><b>Section No. 1          Bill No. 3          MASONRY          PROVISIONAL BILL OF QUANTITIES          NHBRC REMEDIAL WORK</b></p>			

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

<b>Brought forward</b>		<b>R</b>
3	Carefully take out collapsed / crumbling bricks, (Internal brick skin of 220mm wall), approximately 0.3m <sup>2</sup> and replace with new cement bricks to match existing. (All as per the Engineers Report/Spec) ((Plaster, Paint and Mesh elsewhere measured)	41
	No	
4	Carefully take out collapsed / crumbling bricks, (External Brick skin of 220mm wall), approximately 0.3m <sup>2</sup> and replace with new cement bricks to match existing. (All as per the Engineers Report/Spec) (Plaster, Paint and Mesh elsewhere measured)	20
	No	
5	Steel diamond mesh (Metal plaster lath) to walls secured with galv. nails @300mm centres	26
	m <sup>2</sup>	
<b>Carried Forward to Sectional Summary: 1</b>		<b>R</b>
<b>Section No. 1</b> <b>Bill No. 3</b> <b>MASONRY</b> <b>PROVISIONAL BILL OF QUANTITIES</b> <b>NHBRC REMEDIAL WORK</b>		

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 4</u></b></p> <p><b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></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;"><b>Carried forward</b></p>			R
	<p><b>Section No. 1</b>  <b>Bill No. 4</b>  <b>CEILINGS PARTINIONING ETC</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			

	<b>Brought forward</b>			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><b><u>NAILED-UP CEILINGS</u></b></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Openings</u></p> <p>Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc are to be include for any necessary additional support, trimming around, etc</p> <p><u>"Rhino"gypsum plasterboard cornices</u></p>			
1	75mm Coved cornice to match existing	m	18	
	<b>Carried Forward to Sectional Summary: 1</b>			R
	<p><b>Section No. 1</b>  <b>Bill No. 4</b>  <b>CEILINGS PARTINIONING ETC</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			



Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 5</u></b></p>			
	<p><b><u>TILING</u></b></p>			
	<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></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><b><u>FLOOR TILING</u></b></p>			
	<p><u>400x400x8mm Ceramic floor tiles (To match existing) (PC R 100/m2 ) fixed with adhesive on to screed (Including the treating of screed with bonding liquid) and flush pointed waterproofing grout.</u></p>			
1	On floors	m2	56	
	<p><b>Carried Forward to Sectional Summary: 1</b></p>		R	
	<p><b>Section No. 1          Bill No. 5          TILING          PROVISIONAL BILL OF QUANTITIES          NHBRC REMEDIAL WORK</b></p>			

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 6</u></b></p> <p><b><u>PLUMBING AND DRAINAGE</u></b> <b><u>(PROVISIONAL)</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></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>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 style="text-align: right;"><b>Carried forward</b></p> <p><b>Section No. 1</b>  <b>Bill No. 6</b>  <b>PLUMBING AND DRAINAGE</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			R

<p style="text-align: center;"><b>Brought forward</b></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> <p><b><u>SANITARY FITTINGS, ETC., INCLUDING ALL TAPS, MIXERS, SHOWER HEADS, TRAPS, WASTE OUTLET FITTINGS, ETC</u></b></p>		R	
<p style="text-align: center;"><b>Carried forward</b></p> <p><b>Section No. 1</b>  <b>Bill No. 6</b>  <b>PLUMBING AND DRAINAGE</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>		R	

**NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG**

Brought forward			R
	<u>Vaal</u>		
1	Re-use WC with matching 9 litre cistern, seat, pan connection and stop valve (re-use existing)	No	2
2	Re-instate basin (re-use existing)	No	3
<b><u>WASTE UNIONS ETC</u></b>			
	<u>'Cobra Watertech'</u>		
3	32mm Basin waste Union	No	3
<b><u>TRAPS ETC</u></b>			
	<u>uPVC</u>		
4	32 x 40mm deep seal "P" trap	No	3
<b><u>TAPS, VALVES, ETC</u></b>			
	<u>Cobra watertech or Similar</u>		
5	15mm Stopcock	No	9
6	Re-instate basin tap (re-use existing)	No	3
<b>Carried Forward to Sectional Summary: 1</b>			R
<b>Section No. 1          Bill No. 6          PLUMBING AND DRAINAGE          PROVISIONAL BILL OF QUANTITIES          NHBRC REMEDIAL WORK</b>			

Item No		Quantity	Rate	Amount
	<p><b><u>BILL NO 7</u></b></p> <p><b><u>PAINTWORK</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>PREPARATORY WORK TO EXISTING WORK</u></b></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 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><b><u>PAINT SPECIFICATIONS</u></b></p> <p>All painting shall be done in accordance with <b>Plascon</b> or <b>Dulux</b> specifications unless otherwise described</p> <p><b><u>COLOURS</u></b></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;"><b>Carried forward</b></p>			R
	<p><b>Section No. 1</b>  <b>Bill No. 7</b>  <b>PAINTWORK</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			

Brought forward			R
<p><b><u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u></b></p> <p><b><u>ON INTERNAL FLOATED PLASTER SURFACES</u></b></p> <p><u>Two coats premium quality highly washable paint on work in sound condition to match existing. Applied strictly to manufacturer's specification</u></p>			
1	On walls	m2	291
<p><b><u>ON EXTERNAL FLOATED PLASTER SURFACES</u></b></p> <p><u>Two coats superior quality acrylic emulsion paint on work in sound condition to match existing (Dulux Wall and All)</u></p>			
2	On walls	m2	245
<p><b><u>ON SMOOTH CONCRETE SURFACES</u></b></p> <p><u>Prepare and apply One Undercoat and Two coats premium quality highly washable paint on work in sound condition to match existing. Applied strictly to manufacturer's specification (Plascon)</u></p>			
3	Ceilings (Including cornice) and Beams	m2	13
<p><b><u>ON PLASTER BOARD</u></b></p> <p><u>Prepare and apply one coat primer (Colour Grey) and two coats high quality acrylic emulsion paint on work in sound condition to match existig.</u></p>			
4	Ceilings and cornices etc.	m2	15
Carried Forward to Sectional Summary: 1			R
<p><b>Section No. 1</b>  <b>Bill No. 7</b>  <b>PAINTWORK</b>  <b>PROVISIONAL BILL OF QUANTITIES</b>  <b>NHBRC REMEDIAL WORK</b></p>			

NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG

Bill No	Section No. 1 BUILDINGS <u>SECTION SUMMARY - BUILDINGS</u>	Page No	Amount
1	PRELIMINARIES AND GENERALS	6	
2	ALTERATIONS.	10	
3	MASONRY	14	
4	CEILINGS PARTINIONING ETC	16	
5	TILING	17	
6	PLUMBING AND DRAINAGE	20	
7	PAINTWORK	22	
	Carried to Final Summary		R
	Section No. 1 PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		

NHBRC - REMEDIAL WORK - HOUSE MNGADI  
 ERF 5259, BLUE VALLEY GOLF ESTATE  
 GAUTENG

Section No	<u>FINAL SUMMARY</u>	Page No		Amount
1	BUILDINGS	23		
	<b>SUB TOTAL</b>		R	
	<b><u>CONTINGENCY</u></b>			
	Allow a contingency of 10% to be used as directed by the Engineer		SUM	
	<b>VALUE ADDED TAX</b>		R	
	<b>Carried to Form of Tender</b>		R	
	<b>PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK</b>			