1. EXTENT OF CONTRACT

Building contract

The work embodied in the contract comprises of remedial work to House Leo, 6 Tsitsikamma Close, Clara Anna Fontein, Durbanville

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

NOTES TO TENDERERS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK

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

m2 = square metre m3 = 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.

NOTES TO TENDERERS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK

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.
 - 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

Neither late tenders nor faxed tenders will be considered.

NOTES TO TENDERERS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK

NAMES OF PARTIES

1. EMPLOYER

National Home Builders Registration Council

Contact Person: Mr Songezo Booi

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 Dalitso Mkandawire

Physical Address: Centennial Office Park, First Floor, East Block, Century City

Tel: 083 475 3546

3. CONCILIATION OFFICER

National Home Builders Registration Council Contact Person : Mrs Nwabisa Mayongo

Physical Address: Centennial Office Park, First Floor, East Block, Century City

Tel: 073 590 7466

4. QUANTITY 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

NAMES OF PARTIES PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK

Item No		Quantity	Rate	Amount
	BILL NO 1			
	PRELIMINARIES AND GENERALS			
	<u>NOTES</u>			
	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			
	Temporary works and plant			
	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.			
	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			
	The contractor shall provide noise and dust control to the approval of the Conciliation Officer.			
	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.			
	Carried forward Section No. 1		R	
	BIII No. 1 PRELIMINARIES AND GENERALS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

Brought forward		R
Identity of employees		
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.		
Health and safety		
The contractor is to comply with all requirements of the Health and Safety Act		
Housekeeping and compliance with Conciliation officer		
site rules		
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.		
Working hours		
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.		
PRELIMINARIES AND GENERAL		
Allowance for housekeeping and compliance of unwanted material to be dumped and disposed to a site designated by local authority.	ltem	
All risk insurance		
Allowance for contractor's all risk insurance etc.	Item	
Carried forward		R
Section No. 1 Bill No. 1 PRELIMINARIES AND GENERALS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		

	Brought forward		R	
	Health and Safety			
3	Allowance for all health and safety requirements as deemed necessary for the successful execution of the project. (i.e All work to be in compliance with the provisions of the OHS Act 85 of 1993 and Regulations R1010)	Item		
	Management of contract			
4	Management of the works, programming for the works, progress meetings, technical meetings, etc	ltem		
	Temporary works and plant			
5	Plant, small tools, equipment, scaffolding, sheds and offices etc.)			
		Item		
	Temporary Services			
6	Allowance for site establishment and de establishment etc. (Site office, Temporary Portable Toilet, water and electricity etc)	ltem		
	Adhere to Estate rules and regulations			
7	Allowance for registration of allowers and access			
,	Allowance for registration of all workers and access cards etc. to work in the estate.	Item		
	Carried Forward to Sectional Summary: 1		R	
	Section No. 1			
	Bill No. 1 PRELIMINARIES AND GENERALS			
	PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

Item No		Quantity	Rate	Amount
	BILL NO 2			
	ALTERATIONS			
	SUPPLEMENTARY PREAMBLES			
	<u>View site</u>			
	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			
	<u>Explosives</u>			
	No explosives whatsoever may be used for demolition purposes unless otherwise stated			
	<u>General</u>			
	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			
	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.			
	Carried forward Section No. 1 Bill No. 2 ALTERATIONS. PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

Brought forward	R
Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re fixing including taking off. easing and rehanging, cramping up, re wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all ail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or revarnishing is given separately	
Prices for taking out doors, windows, etc shall including for removal of all beads, architraves, ironmongery, etc	
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	
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	
Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary	
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)	
All loading and carting away cost of demolished material will be included in the Rate	
REMOVAL OF EXISTING WORK	
Carried forward Section No. 1 Bill No. 2 ALTERATIONS. PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK	R

	Brought forward			R	
1	Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc Average 50mm Screed from slabs including waterproofing Hacking up/off and removing tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes	m2	73		
2	Tiles to floors	m2	73		
3	Skirting tiles 100mm high	m	39		
4	Taking out doors, windows, etc and set aside for later refix in similar new position and make good. Glazed aluminium sliding door including side windows total size 2470 x 2440mm high overall, including rail and new sika approved sealing compound below door (All as per engineers detail) etc.	No	3		
5	Glazed aluminium sliding door including side windows total size 2740 x 2440mm high overall including rail and new sika approved sealing compound below door (All as per engineers detail) etc.	No	1		
6	Glazed aluminium sliding door including side windows total size 4630 x 2440mm high overall including rail and new sika approved sealing compound below door (All as per engineers detail) etc.	No	1		
7	Glazed aluminium window total size 1890 x 2440mm high overall and new sika approved sealing compound below wind. (All as per engineers detail) etc.	No	1		
	Carried forward Section No. 1 Bill No. 2 ALTERATIONS. PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			R	

	Brought forward			R	
	Taking out/off and removing sundry metalwork, setting aside for re-use and later refix in similar new position				
8	Carefully take down glass balustrade 900mm high from concrete including breaking out of stainless steel brackets in concrete and set aside and make good concrete and plaster work. Reinstall balustrades including core drilling, epoxy, waterproofing etc.	m	39		
	Carried Forward to Sectional Summary: 1 Section No. 1			R	
	Bill No. 2 ALTERATIONS. PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK				

Item No		Quantity	Rate	Amount
	BILL NO 3			
	WATERPROOFING			
	SUPPLEMENTARY PREAMBLES			
	Waterproofing			
	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			
	Tenderer must attach manufacturer's specification for their waterproofing system			
	The contractor shall provide a written five (5) years warranty for workmanship, materials and installation from the date of certified completion			
	WATERPROOFING TO ROOFS, BASEMENTS, ETC			
	Cementitious waterproofing system (suitable for tiling) comprising patching defects with polymer modified flexible (PMF) waterproofing slurry and three full coats PMF waterproofing slurry applied with a brush to a final dry film thickness of 3 to 4mm (All as per ENG specification)			
1	On balcony floors	m2 73		
2	On top and sides of parapet walls	m2 10		
	Carried Forward to Sectional Summary: 1 Section No. 1 Bill No. 3 WATERPROOFING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

	Quantity	Rate	Amount
BILL NO 4			
PLASTERING			
SCREEDS .			
Screeds with compressive strength of 15MPa steel owelled on concrete			
Average 50mm Thick Screed to falls m2	73		
Carried Forward to Sectional Summary: 1		R	
Section No. 1			
PLASTERING PROVISIONAL BILL OF QUANTITIES			
IHBRC REMEDIAL WORK			
	Carried Forward to Sectional Summary: 1 ection No. 1 iil No. 4 LASTERING CREEDS Creeds with compressive strength of 15MPa steel overlage 50mm Thick Screed to falls m2 Carried Forward to Sectional Summary: 1	Carried Forward to Sectional Summary: 1 ection No. 1 ill No. 4 LASTERING ROWSIONAL BILL OF QUANTITIES	Carried Forward to Sectional Summary: 1 ection No. 1 ill No. 4 LASTERING ROREEDS Creeds with compressive strength of 15MPa steel owelled on concrete werage 50mm Thick Screed to falls 73 Carried Forward to Sectional Summary: 1 R ection No. 1 ill No. 4 LASTERING ROWSIONAL BILL OF QUANTITIES

Item No		Quantity	Rate	Amount
	BILL NO 5			
	TILING			
	SUPPLEMENTARY PREAMBLES			
	<u>Fixing</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)"descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	Tiling described as "fixed with adhesive on power floated concrete"shall be deemed to include for approved tiling key-coat			
	Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" ("Ceresit Tylon") range of products as recommended by the manufaturer of the tiles			
	FLOOR TILING			
	<u>User note</u>			
	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.			
	Section No. 1 Bill No. 5 TILING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

	Brought forward			R	
	600x1200x8mm (Porcelain Tiles, To match existing) Floor tiles (PC R 200/m2 fixed with adhesive on to screed (Including the treating of screed with bonding liquid) and flush pointed waterproofing grout. (All as per Tile supplier recommendations) on to walls and floors and flush pointed waterproofing grout.				
1	On floors and landings	m2	73		
	WALL TILING				
	600x1200x8mm (To match existing) Tiles (PC R 200/m2 fixed with adhesive (As per Tile supplier recommendations) on to walls and flush pointed waterproofing grout.				
2	Skirting tiles 100mm high (of cut tiles)	m	39		
	Carried Forward to Sectional Summary: 1 Section No. 1 Bill No. 5 TILING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			R	

Item No		Quantity	Rate	Amount
	BILL NO 6			
	PLUMBING AND DRAINAGE (PROVISIONAL)			
	SUPPLEMENTARY PREAMBLES			
	uPVC pressure pipes and fittings:			
	Pipes for water supply shall be of the class stated			
	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings			
	Pipes of 50mm 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			
	Fixing of pipes			
	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			
	<u>User note:</u>			
	Dependent on soil or environmental conditions laps may require to be increased to a maximum of 55% (which results in a double layer)			
	<u>General</u>			
	Descriptions of cast iron outlets shall be deemed to include joints to pipes and casting into concrete (adaptors for joints to PVC pipes, etc are given separately)			
	Carried forward		R	
	Section No. 1 Bill No. 6 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

	Brought forward			R	
	Descriptions of overflow pipes where measured in number, shall be deemed to include joints to cisterns and splay cut ends				
	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)				
	RAINWATER DISPOSAL				
	uPVC SV pipes				
1	75mm Diameter weep pipe 600mm long with splay-cut end, built through brickwork	No	2		
	HOLES ETC				
	Core drilling hole exceeding 50mm and not exceeding 100mm diameter				
2	330mm brick wall	No	2		
	Carried Forward to Sectional Summary: 1			R	
	Section No. 1 Bill No. 6 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK				

Item No		Quantity	Rate	Amount
	BILL NO 7			
	<u>PAINTWORK</u>			
	SUPPLEMENTARY PREAMBLES			
	PREPARATORY WORK TO EXISTING WORK			
	Previously painted plastered surfaces			
	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			
	Previously painted metal surfaces			
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
	Previously painted wood surfaces			
	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			
	PAINT SPECIFICATIONS			
	All painting shall be done in accordance with Plascon or Dulux specifications unless otherwise described			
	COLOURS			
	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			
	Carried forward		R	
	Section No. 1 Bill No. 7 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

	Brought forward			R	
	PAINTWORK ETC TO PREVIOUSLY PAINTED WORK				
	ON INTERNAL FLOATED PLASTER SURFACES				
	Two coats premium quality highly washable paint on work in sound condition to match existing. Applied strictly to manufacturer's specification (Plascon)				
1	On walls	m2	61		
	ON FIBRE-CEMENT BOARD SURFACES				
	Prepare and apply two coats high quality ceiling paint				
2	Ceilings and cornices, including priming metal cover strips and nail heads	m2	8		
	ON EXTERNAL FLOATED PLASTER SURFACES				
	Two coats superior quality acrylic emulsion paint on work in sound condition to match existing (Dulux Wall and All)				
3	On walls	m2	80		
	PAINTWORK ETC TO NEW WORK				
	ON FIBRE-CEMENT BOARD SURFACES				
	Prepare and apply one coat primer and two coats high quality acrylic emulsion paint				
4	Ceilings and cornices, including priming metal cover strips and nail heads	m2	30		
	Carried Forward to Sectional Summary: 1			R	
	Section No. 1 Bill No. 7 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK				

	Section No. 1			
	BUILDINGS			
Bill No	SECTION SUMMARY - BUILDINGS	Page No		Amount
1	PRELIMINARIES AND GENERALS	7		
2	ALTERATIONS.	11		
3	WATERPROOFING	12		
4	PLASTERING	13		
5	TILING	15		
6	PLUMBING AND DRAINAGE	17		
7	PAINTWORK	19		
	Carried to Final Summary Section No. 1 PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

	FINAL SUMMARY			
Section No	TIVAL GOMMANT	Page No		Amount
1	BUILDINGS	20		
	SUB TOTAL		R	
	CONTINGENCY			
	Allow a contingency of 10% to be used as directed by the Engineer		SUM	
	VALUE ADDED TAX		R	
	Carried to Form of Tender		R	
	PROVISIONAL BILL OF QUANTITIES			
	NHBRC REMEDIAL WORK			