1. EXTENT OF CONTRACT

Building contract

The work embodied in the contract comprises of remedial work to House Lila at ERF NO 4045, Lehae EXT 1, 19 Beaver Street, 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 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 Tender
- * Bill of Quantities
- * Engineer's Scope of Works
- * Engineers Drawing

NOTES AND SPECIFICATIONS NOTES TO TENDERERS

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 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 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 = millimeter 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 AND SPECIFICATIONS NOTES TO TENDERERS

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 necessary be accepted.
- 6.4 All tenders prices/rates must be filled in on the form provided.
- 6.5 Tenders prices/rates must hold good for ninety (90) calender 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 tender in order to evaluate the tender. The tenderer 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 s.

The tenderer is also required to familiarises himself before submission of his tender with regard 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 Priced Bill of Quantities to scmrequests@nhbrc.org.za

Neither late tenders not faxed tenders will be considered.

NOTES AND SPECIFICATIONS NOTES TO TENDERERS

NAMES OF PARTIES

1. EMPLOYER

National Home Builders Registration Council

Contact Person: Mr Songezo Booi

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 Wezi Phiri

Physical Address: 27 Leeuwkop Road, Sunning hill, Johannesburg

Tel: (011) 317 0143

3. CONCILIATION OFFICER

National Home Builders Registration Council

Contact Person : Mr. Kenny Makau

Physical Address: 27 Leeuwkop Road, Sunning hill, Johannesburg

Tel: (065) 860 8781

4. QUANTITY SURVEYORS

National Home Builders Registration Council Contact Person: Mr Waldo Van Rooyen

Physical Address: 27 Leeuwkop Road, Sunning hill, Johannesburg

Postal address: P O BOX 461, Randburg, 2125

Tel: (011) 317-0118

Item No		Quantity	Rate	Amount
	BILL NO 1			
	PRELIMINARIES AND GENERAL			
	<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 to 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 damages 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 connection thereto			
	The contractor shall provide noise and dust control to the approval of the Conciliation Officer			
	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.			
	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 site.			
	Carried forward		R	
	SECTION NO 1 BUILDINGS BILL NO 1 PRELIMINARIES AND GENERAL			

	Brought forward		R	
	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			
1	Allowance for contractor's all risk insurance. etc.	Item		
2	Allowance for security of the site for the duration of the contract.	14		
		Item		
3	Allowance for Health and Safety requirements (i.e All work to be in a compliance with the provisions of the OHS Act 85 of 1993 and Regulations R1010)	Item		
4	Allowance for site establishments (site office, toilet, water & electricity etc)	Item		
5	Allowance for site management, small tools, plant etc.	Item		
	Carried Forward to Sectional Summary: 1		R	
	SECTION NO 1			
	BUILDINGS BILL NO 1			
	PRELIMINARIES AND GENERAL			

Item No		Quantity	Rate	Amount
	BILL NO 2			
	<u>ALTERATIONS</u>			
	SUPPLEMENTARY PREAMBLES			
	<u>View site</u>			
	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.			
	<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 a 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		R	
	SECTION NO 1 BUILDINGS BILL NO 2 ALTERATIONS			

	Brought forward			R	
	Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing 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 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				
	Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc				
	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				
	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				
	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 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)				
	All loading and carting away cost of demolished material will be included in the Rate				
	TEMPORARY BARRIERS, SCREENS, ETC				
	Temporary barriers, screens, etc including removal				
1	Heavy duty waterproofing sheets to cover the expose roof timber. Including fixing cable etc.	m2	75		
	REMOVAL OF EXISTING WORK				
	Carried forward			R	
	SECTION NO 1 BUILDINGS BILL NO 2 ALTERATIONS				

	Brought forward			R	
	Taking down and removing roofs, floors, panelling, ceilings, partitions, etc. and set aside for re-use				
2	Carefully take down concrete roof tiles (including hip, ridge etc.) and set aside for re-use. (Measured flat as per floor plan)	m2	75		
	Taking down and removing roofs, floors, panelling, ceilings, partitions, etc. and set aside for re-use and later refit in similar new position				
3	Carefully take down 38 x 38mm battens and set aside for reuse and later refit in similar new position	m	299		
	Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.				
4	Carefully take down Gypsum plasterboard ceilings, including cornice, timber brandering etc.	m2	31		
	Taking out and removing ironmongery etc, setting aside for re-use and later refixing in similar new position				
5	Curtain Rail not exceeding 1500mm	No	7		
	Taking out/off sundry metalwork and setting aside for reuse and later refix in similar new position				
6	Chromadeck gutter including stop end etc	m	33		
7	Chromadeck downpipes including bend etc.	m	12		
	Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces fornew screed, plaster, tile finishes, etc				
8	Internal plaster from walls	m2	3		
	Sundries				
9	Carefully take down and removing Solar Geyser including Solar Panels etc. and set aside for re-use and later fixing in similar new position	No	1		
	MAKING GOOD OF FINISHES. ETC				
	Carried forward			R	
	SECTION NO 1 BUILDINGS BILL NO 2 ALTERATIONS				

	Brought forwar	d		R	
	Making good internal cement plaster				
10	Walls in patches	m2	3		
	Carried Forward to Sectional Summary: 1			R	
	SECTION NO 1 BUILDINGS				
	BILL NO 2 ALTERATIONS				

Item No		Quantity	Rate	Amount	
	BILL NO 3				
	MASONRY				
	SUPPLEMENTARY PREAMBLES				
	BRICKWORK				
	Sizes in descriptions				
	Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7Mpa				
	Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick				
	Hollow walls				
	Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole				
	<u>User note</u>				
	The following preamble generally applies for works in hot and humid coastal areas				
	Bagged and sealed walls				
	Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner				
	skin bagged with 1:6 cement and sand mixture and sealed with				
	two coats bitumen emulsion waterproofing coating				
	Face bricks				
	Bricks shall be ordered timeously to obtain uniformity in size and colour				
	Carried forward		R		
	SECTION NO 1 BUILDINGS BILL NO 3 MASONRY				

Brought forward	R	
<u>Pointing</u>		
Descriptions of recessed pointing to fair face brickwork		
and		
face brickwork shall be deemed to include square recessed,		
hollow recessed, weathered pointing, etc		
BLOCKWORK		
Concrete masonry units		
Blocks are to be either solid or hollow modular dense		
concrete masonry units having a compressive strength of		
7MPa		
Wall ties for blockwork		
Wall ties shall be polypropylene ties complying with BS		
76377. Ties for hollow walls shall be of sufficient length to		
allow not less than 75mm of each end to be built into the		
blockwork. Ties are to be spaced at intervals of not		
more than 1m in the horizontal direction and not more than		
400mm staggered in the vertical direction except at		
openings, vertical joints or ends of walls where they are to		
be placed vertically above each other		
Blockwork		
Blockwork shall comply with SANS 10145 "Concrete		
Masonry Construction"		
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		
Carried forward	R	
SECTION NO 1		
BUILDINGS		
BILL NO 3		
MASONRY		

	Brought forward	t t		R	
	Standard complementary blocks				
	Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary				
	DECORATIVE BLOCKS				
	Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour				
	SUPERSTRUCTURE				
	BRICKWORK SUNDRIES				
	Galvanised hoop iron cramps, ties, etc				
1	4mm Diameter roof tie 2m girth bent double with one end fixed to wood and other end built into brickwork	No	10		
2	30 x 1,6mm Roof tie 1,5m long with one end fixed to timber and other end built into brickwork	No	10		
	REPAIRING OF CRACKS				
	Repairs for vertical diagonal and horizontal wall cracks which are smalller than 5mm in width and where small deformation occurred (All as per Eng Detail)				
3	Saw-cut neatly at least 250mm either side of crack ensuring a square cut with no further edges	m	10		
4	Rake out crack to a depth of 30mm to form a v -groove and fill with Sikadur crack filler and smooth	m	5		
5	Install chicken mesh using 6mm easy drive nails with 20mm washers to sustain the mesh in position.	m2	3		
	Carried Forward to Sectional Summary: 1 SECTION NO 1			R	
	BUILDINGS BILL NO 3 MASONRY				

Item No		Quantity	Rate	Amount
	BILL NO 4			
	ROOF COVERINGS			
	SUPPLEMENTARY PREAMBLES			
	ROOFS ETC			
	TILES			
	420 x 332mm "Double Roman" concrete terracotta tiles laid on and including an underlay of 250 micron "Dakseel" sheeting with 75mm lapped and sealed joints and nailed through underlay with non-corrosive tile nails to 38 x 38mm sawn softwood battens at 320mm centre			
1	Roof covering with 26 degrees pitch measured flat on plan (re-use existing) including an new underlay of 250 micron "Dakseel" sheeting with 75mm lapped and sealed joints	n2 75		
2	New Roof covering tiles with 26 degrees pitch	12 12		
3	New Ridges of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 300mm wide strip of 375 micron embossed damp proof course in accordance with SANS 952 Type B underlay	m 11		
4	New Hips of tiles to match roofing tiles, bedded and pointed in 1:3 tinted cement mortar, including 300mm wide strip of 375 micron embossed damp proof course in accordance with SANS 952 Type B underlay and raking cutting to tiles on both sides	m 29		
5	New Purpose made tile to end of ridge bedded and			
	pointed on 1:3 cement mortar tinted to match tile colour SHEET METAL FLASHINGS, LININGS, COPINGS, ETC 0.6mm Galvanised sheet iron flashings	No 6		
6	Lining to valleys	m 7		
	Carried Forward to Sectional Summary: 1 SECTION NO 1 BUILDINGS BILL NO 4 ROOF COVERINGS		R	

Item No		Quantity	Rate	Amount
	BILL NO 5			
	CARPENTRY AND JOINERY			
	SUPPLEMENTARY PREAMBLES			
	<u>Fixing</u>			
	Items described as "nailed"shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete			
	Items described as "plugged"shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere			
	<u>Joinery</u>			
	Descriptions of frames shall be deemed to include frames, transomes, rails, etc			
	Descriptions of hardwood joinery shall be deemed to include sinking and pekketing heads and nuts of bolts			
	ROOFS ETC			
	PLATED NAILED TIMBER ROOF TRUSS CONSTRUCTION ETC			
	Trusses are at maximum 750mm centres			
	Roof covering are 340mm centres on battens			
	References given in descriptions refer to the respective types of trusses details on the architect/engineer's drawings			
	Dimension in descriptions of trusses are nominal and actual measurements are to be obtained from the architect/engineer and/or taken on site before design or fabrication commences			
	Carried forward		R	
	SECTION NO 1 BUILDINGS			
	BILL NO 5 CARPENTRY AND JOINERY			

	Brought forward		R	
	Sawn softwood			
1	38 x 38mm Purlins m	47		
2	38 x 114 mm Fly Rafters in lengths exceeding 2,4m and not exceeding 3,9m m	15		
3	Allow a sum of R 3 000.00 (Three Thousand Rand Only) for roof construction to match existing (new trusses where existing is damaged and proof of invoice to be submitted)	Item		
	<u>Sundries</u>			
4	1.6mm Diameter galvanised wire tie 2mm girth wrapped around rafter and purlin with ends tied together No	12		
5	Galvanise truss hangers installed as manufacture specification No	12		
6	Galvanise truss anchors installed as manufacture specification No	12		
7	Nailed wedges to be installed to ensure the trusses are straight and vertical plumb No	26		
8	Two coats creosote on sawn timbers m2	3		
	Carried Forward to Sectional Summary: 1 SECTION NO 1 BUILDINGS BILL NO 5 CARPENTRY AND JOINERY		R	

Item No		Quantity	Rate	Amount	
	BILL NO 6				
	CEILINGS, PARTITIONS AND ACCESS FLOORING				
	SUPPLEMENTARY PREAMBLES				
	<u>Fixing</u>				
	Items described as "nailed"shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete				
	Items described as "plugged"shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere				
	<u>Ceilings</u>				
	Unless otherwise described ceilings shall be deemed to be horizontal				
	<u>Bulkheads</u>				
	Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features				
	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				
	Unless otherwise described bulkheads shall be deemed to be horizontal along the length				
	Steel components				
	All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121				
	Carried forward		R		
	SECTION NO 1 BUILDINGS BILL NO 6 CEILING, PARTITIION AND ACCESS FLOORING				

	Brought forward			R	
	<u>User note</u>				
	Circular bulkheads shall be given separately				
	NAILED-UP CEILINGS				
	SUPPLEMENTARY PREAMBLES				
	<u>Openings</u>				
	Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc atre to be include for any necessary additional support, trimming around, etc				
	6mm 'Rhino' gypsum plasterboards with 63mm wide strips of				
1	Ceilings including 38 x 38mm sawn softwood brandering at 400mm centres	m2	31		
	"Rhino"gypsum plasterboard cornices				
2	75mm Coved cornice	m	37		
	Carried Forward to Sectional Summary: 1			R	
	SECTION NO 1				
	BUILDINGS BILL NO 6 CEILING, PARTITION AND ACCESS FLOORING				
	CLILING, FARTITION AND ACCESS FLOORING				

	Quantity	Rate	Amount
BILL NO 7			
<u>PAINTWORK</u>			
<u>User note</u>			
The following four items, given as examples, have been set up to comply with the Munsell system (the extra over option) as prescribed in the Standard System of Measuring Building Work and should be inserted at the end of each type of paint where applicable			
Extra over paintmwork to all areas, for paintwork in colours which have a value of 7 or less based on the Munsell system m2			
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 cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
PAINT SPECIFICATIONS			
All painting shall be done in accordance with Plascon / Dulux specifications unless otherwise described			
Carried forward		R	
SECTION NO 1 BUILDINGS BILL NO 7 PAINTWORK			

	Brought forwar	d		R	
	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				
	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				
1	On walls	m2	140		
	ON EXTERNAL FLOATED PLASTER SURFACES				
	Two coats superior quality acrylic emulsion paint on work in sound condition to match existing (Dulux Wall and All or similar approved)				
2	On external walls	m2	87		
	Carried Forward to Sectional Summary: 1			R	
	SECTION NO 1 BUILDINGS BILL NO 7 PAINTWORK				
			I		ı İ

	SECTION NO 1			
	BUILDINGS			
Bill	SECTION SUMMARY - BUILDINGS	Page		Amount
No 1	PRELIMINARIES AND GENERAL	No 6		
2	ALTERATIONS	10		
3	MASONRY	13		
4	ROOF COVERINGS	14		
5	CARPENTRY AND JOINERY	16		
6	CEILING, PARTITION AND ACCESS FLOORING	18		
7	PAINT WORK	20		
	Carried to Final Summary SECTION NO 1		R	
	BUILDINGS			

Section No	FINAL SUMMARY	Page No		Amount
1	BUILDINGS	21		
	CONTINGENCY			
	Allow a contingency of 10% to be used as directed by the Quantity Surveyors.		SUM	
	SUB TOTAL		R	
	Value added Tax		R	
	Carried to Form of Tender		R	