1. EXTENT OF CONTRACT

Building contract

The work embodied in the contract comprises remedial work for flat roofs of common property, at 49 Silver Oaks Avenue, Essenwood Berea, Durban

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 tenderers 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:

- * Bill of Quantities
- * Engineer's scope of work

4. BILLS OF QUANTITIES

These Bill of Quantities to be priced in accordance with the 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 payment 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 quantities set out in the Bill Of Quantities are provisional quantities only. Quantities to be remeasured on site and paid accordingly.

Section No.
NOTES AND SPECIFICATIONS
NOTES TO TENDERERS
PROVISIONAL BILL OF QUANTITIES
NHBRC REMEDIAL WORK

The validity of the contract shall in no way be affected by differences between the quantities in the Bill of Quantities and the quantities finally certified for payment. Work shall be valued at the rates tendered.

The units of measurement indicated in the Bill Of Quantities are metric units

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

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

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 tenderers 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.

Section No.
NOTES AND SPECIFICATIONS
NOTES TO TENDERERS
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NHBRC REMEDIAL WORK

- 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 tenderers.

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.

Section No.
NOTES AND SPECIFICATIONS
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: Dr Sipho Thango

Physical Address: Royal Towers, 30 Dorothy Nyembe street,

Durban Central Tel: (031) 374-8100

3. **CONCILIATION OFFICER**

National Home Builders Registration Council

Contact Person: Mr Andile Zulu

Physical Address: Royal Towers, 30 Dorothy Nyembe street

Durban Central, KwaZulu Natal

Tel: (031) 374-8100

4. QUANTITY SURVEYOR

National Home Builders Registration Council Contact Person: Mr Moseto Sebetha

Physical Address: 27 Leeuwkop Road, Sunninghill, Johannesburg

Tel: (011) 317-0006

Section No.
NOTES AND SPECIFICATIONS
NAMES OF PARTIES
PROVISIONAL BILL OF QUANTITIES
NHBRC REMEDIAL WORK

	Quantity	Rate	Amo
BILL NO 1			
PRELIMINARIES AND GENERALS			
NOTES			
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 principal agent. The contractor shall notify the Principal Agent 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 Principal Agent			
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			
Identity of employees			
All employees of the contractor and his sub contractors shall be identifiable at all times by means of ID cards, company name and logos imprinted on overalls. Any person found on site not complying with the abovementioned conditions the contractor shall be requested by Principal Agent, to remove such person from the site			
Carried forward Section No. 1 BUILDINGS		R	
BIII No. 1 PRELIMINARIES AND GENERALS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

	Brought forward		R	
	Health and Safety			
	The contractor is to comply with all requirements of the Health and Safety Specification			
	Housekeeping and compliance with Principal agent 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 Principal Agent			
	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 from the Principal Agent before doing so. The cost of this overtime will be for the contractor's account			
	All risk insurance			
1	Allowance for contractor's all risk insurance	Item		
	Health and Safety			
2	Allowance for all health and safety requirements as deemed necessary for the successful execution of the project	Item		
	Management of contract			
3	Management of the works, programming for the works, progress meetings, technical meetings, etc A:0.00 B:0.00 C:0.00 D:0.00	Item		
	E:0.00 F:0.00 G:1.00 H:0.00			
	Temporary works and plant			
	Plant, equipment, scaffolding, sheds and offices etc	Item		
	Temporary Services			
_				
5	Water, electricity, telecommunication equipment, ablution facilities, etc	Item		
	Carried forward		R	
	Section No. 1 BUILDINGS BIII No. 1 PRELIMINARIES AND GENERALS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

			<u>-</u>	-
	Brought forward		R	
	House Keeping			
6	Allowance for housekeeping and compliance of unwanted material to be dumped and disposed to a site designated by local authority	Item		
	Carried Forward to Sectional Summary: 1 Section No. 1 BUILDINGS BIII No. 1 PRELIMINARIES AND GENERALS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	
l		I		1

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			
	General			
	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 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 engineer.			
	Carried forward Section No. 1 BUILDINGS BIII No. 2 ALTERATIONS. PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

			Brought forward	i		R
be re-used shall refixing including cramping up, re-cramps, dowels, repairing ironmoldamaged in remanders.	be thoroughl taking off. e wedging as retc, and eas ngery as necoval or subseholes with tirerwise description.	y overhal asing and equired a ing, oiling, oiling essary, requently a ted plass cribed. Re	d rehanging, and making good g, adjusting and eplacing any glass and stopping up tic wood to match			
Prices for taking for removal of all			etc shall including onmongery, etc			
Prices for taking shall include for and making good existing	emoving dod	or stop, c	abin hook, etc			
With regard to be cement screeds etc, shall be level brickwork	and pavings,	granolith				
Making good of the brick and corfinishes are appliable REMOVAL O Hacking up/off at plaster, etc from	ncrete surfacted, where not provided the surface of	es onto we cessary G WOF granolith orickwork	which the new RK ic, screeds, and preparing			
surfaces for new	screed, plas	ter, tile fi	nishes, etc			
External plaster	rom walls			m2	284	
A : 0	B:0	C:0	D:0			
PREPARATO		G:0	H:284			
SURFACES	KI WOKI	(10 L)	do into			
to receive plaste			umns, beams, etc	m2	84	
A:0	B:0	C:0	D:0			
	F:0 rried Forwai	G∶0 rd to Sec	H : 84	I		R
ALTERATIONS. PROVISIONAL BI NHBRC REMEDIA		TITIES				

Item No		Quantity	Rate	Amount
	BILL NO 3			
	WATERPROOFING			
	SUPPLEMENTARY PREAMBLES			
	<u>Waterproofing</u>			
	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 comprising patching defects with polymer modified flexible(PMF) waterproofing slurry and three full coats PMFwaterproofing slurry applied with a brush to a final dry filmthickness of 2 to 3mm			
1	On walls m2	2 284		
	A:0 B:0 C:0 D:0			
	E:0 F:0 G:0 H:284			
	<u>TESTING</u>			
2	Waterproofed areas shall be prepared with small sand dykes around them enclosing the water waterproofed area to be flooded with water and kept ponded for at leaste 36 hours as a test for waterproofing effectiveness and certification. (this item will include one test on the waterproofed surfaces) or as per Engineer's instruction	Item		
	A:0.00 B:0.00 C:0.00 D:0.00			
	E: 0.00 F: 0.00 G: 1.00 H: 0.00			
	Carried forward Section No. 1		R	
	BUILDINGS Bill No. 3 WATERPROOFING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK			

	Brought forward		R	
	Budgetary Allowance			
	Leak detection/Reporting			
3	Provide a budgetary allowance as indicated of R 5000.00 (Five Thousand Rand) for thorough investigation of existing waterproofing and report writing	Item		
	Country of Easternal Control Control of the Control			
	Carried Forward to Sectional Summary: 1 Section No. 1 BUILDINGS BIII No. 3 WATERPROOFING PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

Item No						Quantity	Rate	Amount
	BILL NO 4	<u>4</u>						
	PLASTER	RING						
	EXTERNAL	. PLASTER	<u> </u>					
	Cement plaste	er on brickwor	<u>k</u>					
1	On walls				· 2	260		
	A:0	B:0	C:0	D:0	m2	368		
	E:0	F:0	G : 84	H : 284				
	Rhinolite finish	on concrete						
2	On concrete A:0	B:0	C:0	D : 0	m2	84		
	E:0	F:0	G : 84	H:0				
			ard to Sec	tional Summa	ry: 1		R	
	Section No. 1 BUILDINGS	1						
	Bill No. 4 PLASTERING	ì						
	PROVISIONAL NHBRC REME	BILL OF QUA	NTITIES					

Item No		Quantity	Rate	Amount
1	BILL NO 5			
	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)			
	General			
	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)			
	Descriptions of overflow pipes where measured in number, shall be deemed to include joints to cisterns and splay cut ends			
	Carried forward Section No. 1 BUILDINGS BIII No. 5 PLUMBING AND DRAINAGE PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

				Brought forward			R	
	Descriptions of s pipes shall be de cisterns, etc and to copper pipes,	eemed to in I to steel pip	nclude conne pes (adaptor					
	RAINWATER	DISPOS	<u>AL</u>					
	uPVC SV pipes							
1	110mm Diamete end, built throug			ng with splay-cut	No	14		
	A:0	B:0	C:0	D:0				
	E:0	F:0	G : 14	H : 0				
	HOLES ETC							
	Core drilling hole 100mm diamete		g 50mm and	not exceeding				
2	230mm brick wa	ill			No	14		
	A:0	B:0	C:0	D:0				
	E:0	F:0	G : 14	H : 0				
	Ca Section No. 1 BUILDINGS Bill No. 5 PLUMBING ANI PROVISIONAL BI NHBRC REMEDIA	D DRAINAO	GE	ional Summary: 1			R	

Item No		Quantity	Rate	Amount
	BILL NO 6			
	PAINTWORK			
	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 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			
	PAINTWORK ETC TO PREVIOUSLY PAINTED WORK			
	Carried forward Section No. 1 BUILDINGS Bill No. 6 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

	Brought f	orward		R	_
	ON EXTERNAL FLOATED PLASTER SURFACES				
	Prepare and apply two coats exterior high quality a paint to match existing	acrylic			
1	On external walls A:0 B:0 C:0 D:0 E:10 F:0 G:0 H:289	m2	299		
	ON SMOOTH CONCRETE SURFACES				
	Prepare and apply two coats interior high quality a paint to match existing	<u>crylic</u>			
2	On concrete slab A:0 B:0 C:23 D:0 E:23 F:0 G:0 H:84	m2	130		
	PAINTWORK ETC TO NEW WORK				
	ON EXTERNAL FLOATED PLASTER SURFACES Prepare and apply one coat primer and two coats				
	quality paint to match existing				
3	On external walls A:0 B:0 C:0 D:0 E:0 F:0 G:0 H:368	m2	368		
	Carried Forward to Sectional Summa Section No. 1 BUILDINGS Bill No. 6 PAINTWORK PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK	mary: 1		R	

Item No		Quantity	Rate	Amount	
	BILL NO 7				
	PROVISIONAL SUMS				
	<u>General</u>				
	Work for which budgetary allowances are provided will be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances				
	Prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned				
	Provisional sums are for material and equipment supplied and installed complete by firms of specialists				
	<u>Profit</u>				
	Where stated, the contractor may allow for profit if required				
	General attendance on nominated/selected subcontractors				
	The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:				
	Making good in all trades and cleaning down and removal of rubbish on completion				
	Special attendance on nominated/selected subcontractors				
	Carried forward Section No. 1 BUILDINGS Bill No. 7 PROVISIONAL SUMS		R		
	PROVISIONAL SUMS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK				

	Brought forward		R		_
	Builder's work				
	Builder's work in connection with specialist services is given elsewhere in these bills of quantities				
	General Demolition, etc				
1	Allow the amount of R 30 000 (Thirty Thousand Rand) for general demolitions, etc	Item			
2	Profit	%			
3	Attendance	%			
	Carried Forward to Sectional Summary: 1 Section No. 1		R		
	BUILDINGS Bill No. 7				
	PROVISIONAL SUMS PROVISIONAL BILL OF QUANTITIES				
	NHBRC REMEDIAL WORK				
			l		

	Section No. 1			
	BUILDINGS			
Bill No	SECTION SUMMARY - BUILDINGS	Page No		Amount
1	PRELIMINARIES AND GENERALS	7		
2	ALTERATIONS.	9		
3	WATERPROOFING	11		
4	PLASTERING	12		
5	PLUMBING AND DRAINAGE	14		
6	PAINTWORK	16		
7	PROVISIONAL SUMS	18		
	Carried to Final Summary Section No. 1 BUILDINGS PROVISIONAL BILL OF QUANTITIES NHBRC REMEDIAL WORK		R	

FINAL SUMMARY					
Section No		Page No		Amount	
1	BUILDINGS	19			
	SUB TOTAL		R		
	CONTINGENCY				
	Allow a contingency of 10% to be used as directed by the Quantity Surveyor.		SUM		
	VALUE ADDED TAX		R		
	Carried to Form of Tender PROVISIONAL BILL OF QUANTITIES		R		
	NHBRC REMEDIAL WORK				