

Item No		Quantity	Rate	Amount
	<p><u>PROVISIONAL BILL OF QUANTITIES</u></p> <p><u>SECTION NO.1</u></p> <p><u>BILL NO.1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p>-----</p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The agreement is to be JBCC Principal Building Agreement by the Joint Building Contracts Committee Inc. Edition 6.2 - May 2018).</p> <p>The Principal Building Agreement Contract Data to be completed by each tenderer and submitted with their tender will form part of this contract.</p> <p>The tenderer is deemed to have referred to these documents for the full intent and meaning of each clause. These clauses are referred to by number and headings only. Where standard clauses or alternatives are not applicable to the contract such modification or corrections are necessary are given under each relevant clause.</p> <p>No claim whatsoever shall be entertained in respect of errors or omissions in pricing due to brevity of descriptions of items in these Bills of Quantities which are fully described when read in conjunction with the relevant clauses of the said Conditions of Contract, Standard Preliminaries and Preambles.</p> <p>The Tenderer shall allow opposite each of the clauses whatever costs and charges he may consider necessary for the carrying out, complying with and due observance of the provisions, conditions and requirements set out herein.</p> <p>Only priced items will be considered in respect of any adjustment of this Section.</p>			
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R	
	<p>Any items left unpriced will be understood to be provided free of charge and no claim for any extras arising out of the Tenderer's omission to price any item will be entertained.</p> <p><u>PREAMBLES FOR TRADES</u></p> <p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained.</p> <p>Supplementary preambles and/or specifications are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles.</p> <p>The contractor's prices for all items throughout these bills of quantities shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications.</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>Should the contractor select Option A in the contract data for the adjustment of preliminaries, the amounts entered against the relevant items in these preliminaries are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T).</p> <p><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></p>			
1/1/1	Clause 1: Definitions and Interpretations	Item		
1/1/2	Clause 2: Law, Regulations and Notices	Item		
1/1/3	Clause 3: Offer and Acceptance	Item		
1/1/4	Clause 4: Assignment and Cession	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R
1/1/5	Clause 6: Employers Agent	Item	
1/1/6	Clause 7: Design Responsibility	Item	
1/1/7	Clause 8: Works risk	Item	
1/1/8	Clause 9: Indemnities	Item	
1/1/9	Clause 10: Insurances	Item	
1/1/10	Clause 11: Security	Item	
	Replace Clause 11.4.1 and 11.4.2 with the following:		
	"The employer shall provide a letter from its financial institution indicating that sufficient funds have been secured for the fulfilment of the employer's obligation in terms of this agreement in lieu of a payment guarantee."		
1/1/11	Clause 12: Duties of the Parties	Item	
	Clause 12.1.1 will be amended as follows:		
	"Provide a letter from its financial institution [11.4.1], where applicable"		
	Clause 12.1.2		
	The contractor shall take care not to interrupt any water or power supply.		
	No unauthorised personnel shall be allowed to enter the occupied areas.		
	All construction workers are to wear clearly marked clothing resembling the name of the contractor as well as identification tags at all times.		
	The Contractor shall allow for proper access control procedures to all egress points to the building as well as the demarcated construction area.		
	Carried Forward		R
	Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd		

<p style="text-align: center;">Brought Forward</p> <p>Clause 12.1.4</p> <p>The contractor shall not use of the main entrance for access for workers, carting away of demolished materials or delivery of construction materials.</p> <p>Clause 12.1.5</p> <p>Water for the works shall be provided by the employer to the contractor who shall make connections to the existing water supply at approved points, supply and install water meters and execute all necessary temporary work. The employer shall meter the consumption for which the contractor shall be responsible.</p> <p>Electricity for the works shall be provided by the employer to the contractor who shall make connections to the existing electricity supply at approved points, supply and install meters and execute all necessary temporary work. The employer shall meter the consumption for which the contractor shall be responsible.</p> <p>The contractor shall supply, install and maintain ablution facilities at a demarcated area to the approval of the Principal Agent.</p> <p>Clause 12.1.6</p> <p>The contractor shall comply with all statutory site and safety regulations as stipulated in the "HEALTH AND SAFETY SPECIFICATION" attached hereto.</p> <p>Clause 12.2.6 will be amended as follows:</p> <p>"Prepare and submit to the principal agent within five (5) working days of receipt of construction information a programme for the works in sufficient detail to enable the principal agent to monitor the progress of the works"</p>		R	
<p style="text-align: center;">Carried Forward</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>		R	

	Brought Forward		R	
	<p>Clause 12.2.7 will be amended by the addition of the following:</p> <p>"Include in this programme of the works any planned services interruptions.</p> <p>Notify the employer within 10 working days of any planned service interruptions to the existing electrical or water supply."</p>			
1/1/12	Clause 13: Setting Out	Item		
1/1/13	Clause 14: Nominated Subcontractors	Item		
1/1/14	Clause 15: Selected sub-contractors	Item		
1/1/15	Clause 16: Contract Instructions	Item		
1/1/16	Clause 17: Interim Completion	Item		
1/1/17	Clause 18: Practical Completion	Item		
1/1/18	Clause 19: Sectional Completion	Item		
1/1/19	Clause 20: Defect Liability Period and Final Completion	Item		
1/1/20	Clause 21: Latent Defect Liability Period	Item		
1/1/21	Clause 22: Revision of the Date for Practical Completion	Item		
	Clause 22.5 will be amended to read... five (5) working days			
1/1/22	Clause 24: Penalty for Late or Non-completion	Item		
1/1/23	Clause 25: Payment	Item		
1/1/24	Clause 26: Adjustment of the Contract Value and Final Account	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R	
	<p>Clause 26.6 will be amended to read.. ten (10) working days...</p> <p>Clause 26.0 is amended by the following Clauses:</p> <p>26.13 All fluctuations in cost shall be for the cost of the contractor and the contract price adjustment provisions shall therefore not apply. In addition it is a requirement that the fixed price offered by the contractor shall be valid for a period of forty five (45) calendar days beyond the date of envisaged works completion to allow for any extension of the date of works completion that may be granted by the principal agent.</p> <p>26.14 Where prices are submitted by the contractor or selected subcontractor during the progress of the works in respect of contract instructions or in regard to claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the final certificate, it will be in writing.</p>			
1/1/25	Clause 27: Recovery of Expenses and/or Loss	Item		
1/1/26	Clause 28: Suspension by the Contractor	Item		
1/1/27	Clause 29: Termination	Item		
1/1/28	Clause 30: Dispute Resolution	Item		
	<p><u>SECTION B: PRINCIPAL BUILDING AGREEMENT: CONTRACT DATA</u></p> <p><u>A PROJECT INFORMATION</u></p> <p>A1 Project Name</p> <p>Renovation of Garden Services and Post Office</p> <p>A1 Works description</p>			
	Carried Forward		R	
	<p>Section No. 1</p> <p>PRELIMINARIES</p> <p>Bill No. 1</p> <p>Preliminaries and General</p> <p>Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

<p style="text-align: center;">Brought Forward</p> <p>The works consist of alterations and refurbishment of the support staff facilities. The scope consists of new joinery fittings, electrical work, mechanical work, electronics, wet and fire services, new sanitary wear and also alterations work by breaking down and removing existing walls, removing and replacing doors etc.</p> <p>Drawings are issued with this tender document to indicate the scope of the project.</p> <p>For detailed information tenderers are referred to drawings available at the offices of the Architect for scrutiny.</p> <p>NB: All enquiries must be send to ???</p> <p>A2 Site description</p> <p>491 Festival Street, University of Pretoria, Hatfield Campus, Pretoria</p> <p>A3 Employer</p> <p>Name: University of Pretoria</p> <p>A4 Principal Agent</p> <p>A5 Architect</p> <p>A6 Quantity Surveyor</p> <p>A7 Electrical Engineer</p> <p>A8 Structural Engineer</p> <p>A9 Mechanical Engineer</p> <p style="text-align: center;">Carried Forward</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>		R		

<p style="text-align: center;">Brought Forward</p> <p>A10 Fire Engineer</p> <p>A11 Wet Services</p> <p>A12 Electronics Engineer</p> <p>A13 Health & Safety Consultants</p> <p><u>B CONTRACT INFORMATION</u></p> <p>Clause references apply to the JBCC Principal Building Agreement Edition 6.2 May 2018.</p> <p>Only clauses in the PBA requiring the provision of information are quoted below.</p> <p>B2 Law of the country applicable to the project</p> <p><u>South Africa</u></p> <p>B3 Currency applicable to the agreement South African Rand</p> <p>B4 Documents</p> <p>Signed contract documents held by the principal agent</p> <p>Number of copies of documents issued free to the contractor : 3</p> <p>Documents comprising the agreement:</p> <p>a. JBCC Principal Building Agreement Ed 6.2 - May 2018 b. JBCC PBA Contract Data Ed 6.2 - May 2018 c. General Preambles for Trades 2017 d. Priced Bills of Quantities</p> <p>Contract drawings: 1 Architect - 2 Structural engineer -</p> <p style="text-align: center;">Carried Forward</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>		R	
		R	

Brought Forward		R
B5 Employer's agents		
Agents interest in the project other than professional interest: None		
B6 Insurances		
By the Employer		
Policy deductibles		
Storm/Fire/ Wind/ Earthquake etc	R5 000.00	
Theft	R5 000.00	
Electrical breakdown	R5 000.00	
Any other cause	R5 000.00	
Own Surrounding Property	R5 000.00	
B7 Obligations of the employer		
Premises occupied: No		
Restrictions of working hours: No		
Relevant natural features to be retained/relocated/ removed: Yes		
The contractor shall perform all work without causing harm to the trees on site.		
Areas the contractor may not occupy: No		
B11 Possession of site,Practical completion and penalties.		
Intended date of possession of site: ??		
Period for inspection by the Principal Agent: 5 working days amount per calender day: R2500		
B12 Payment		
Carried Forward		R
Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd		

	<p>Brought Forward</p> <p>Issue of regular payment certificates on Last day of the month</p> <p>Cost fluctuations: No</p> <p>B13 Dispute resolution</p> <p>30.6.1 Alternative Dispute Resolution nominated body: None</p> <p><u>C TENDER CLOSING</u></p> <p>Tender closing date and time: 08th July 2025, 12h00 noon</p> <p>Submission link: https://www.up.ac.za/tender</p> <p><u>SECTION C : SPECIFIC PRELIMINARIES</u></p> <p>The following clause are additional to or augment the clauses contained in Sections "A" and "B"</p> <p><u>SUPPLEMENTARY DOCUMENTATION</u></p> <p>Clause 1: Environment Management</p> <p>The contractor shall upon acceptance of this tender sign the "MEMORANDUM OF AGREEMENT" relating to the environmental management at the University of Pretoria in terms of sections 2 of the National Environment Management Act 107 of 1998 (NEMA).</p> <p><u>THE SITE</u></p>		R	
1/1/29	<p>Clause 2: Unauthorised persons on site</p>	Item		
	<p>Carried Forward</p> <p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>		R	

	Brought Forward		R	
	<p>The contractor shall at all times strictly exclude all unauthorised persons from the works.</p> <p>No workmen or labourers are to be allowed under any circumstances to sleep or deposit any kit on the premises. The contractor must provide any necessary independent shelter or shed required for any security personnel left on the site.</p> <p>Furthermore the contractor shall take all measures necessary to ensure that no workmen are allowed into the building at any time after practical completion without the specific permission of the principal agent.</p> <p><u>FINANCIAL ASPECTS</u></p>			
1/1/30	<p>Clause 3: Pricing of bills</p> <p>Tenderers to allow for pricing opposite each item for all costs in connection herewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the Standard System of Measuring) patterns, models, and templates, plant, temporary works, returning of packing, duties, taxes, imposts, established charges, overheads, profit and all other obligations arising out of the agreement.</p> <p>Prices for plant, temporary works, services and other items provided shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary.</p>	Item		
1/1/31	<p>Clause 4: Overtime</p> <p>Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer and should be arranged with the employer.</p>	Item		
1/1/32	<p>Clause 5: Cooperation of the contractor for cost management</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R	
	<p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget.</p> <p><u>GENERAL</u></p>			
1/1/33	<p>Clause 6: Standard of workmanship and materials</p> <p>In the absence of detailed specification for any item or items, National Building Regulations, the latest applicable South African Bureau of Standards Specification, or where such does not exist, then the latest applicable British Standards shall apply.</p>	Item		
1/1/34	<p>Clause 7: Media releases, advertising, etc.</p> <p>All rights of publication of articles in the media, together with any advertising relating to, or in any way connected with this project vest in the employer.</p> <p>The contractor together with his sub-contractors shall not, without written consent of the employer, cause any statement or advertising to be printed, screened or aired by the media.</p>	Item		
1/1/35	<p>Clause 8: Contract instructions</p> <p>Contract instructions issued on site are to be recorded by the principal agent in a site instruction book which will be issued by the principal agent and which shall be maintained on site.</p> <p>Only Contract instructions issued in such a book shall be recognised.</p>	Item		
1/1/36	<p>Clause 9: Method Statement</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R	
1/1/37	<p>The tenderer shall produce, and issue to the principal agent, within 2 working days of acceptance of tender, a method statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the works. Any approval given or observation made by the principal agent shall not relieve the contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the works.</p> <p>Clause 10: Overloading</p> <p>The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works, e.g. scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc., to the principal agent for their approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agent's requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole expense.</p>	Item		
1/1/38	<p>Clause 11: Mode of procedure</p> <p>Notwithstanding anything to the contrary contained herein the principal agent at all times reserves the right to direct the order in which the various parts of the Contract are to be executed. The contractor shall give priority to any individual section or portion of the works that, in the opinion of the principal agent, requires to be expedited.</p> <p>Should the contractor and/or principal agent be of the opinion that such instruction warrants a revision to the contract programme, then the provisions of Clause 12.2.6 of the PBA shall apply.</p> <p>Should it appear, in the principal agent's opinion, that work in any area is not being executed in accordance with the requirements of the programme, the contractor shall provide additional manpower and resources required to bring the work back to programme to the satisfaction of the principal agent.</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

	Brought Forward		R	
	<u>HANDOVER, GUARANTEES AND MAINTENANCE INSTRUCTIONS/MANUALS</u>			
1/1/39	<p>Clause 12: Guarantees and maintenance instructions/manuals</p> <p>The contractor shall obtain and hand over to the principal agent on practical completion all relevant operating and maintenance instruction manuals, data or instructions required by the principal agent or provided by manufacturers, suppliers or sub-contractors. Practical completion will not be achieved if such documentation is not handed over.</p> <p>The contractor shall ensure that all warrants and guarantees received are fully ceded to the employer on final completions, failing which the release of the construction guarantee will be withheld until this is satisfactory completed.</p>	Item		
1/1/40	<p>Clause 13: Security at Completion</p> <p>At final completion, the contractor shall leave the works secure with all access locked. The contractor shall account for and hand over to the employer all keys, properly labelled with an itemised schedule to be signed by the employer at receipt.</p>	Item		
1/1/41	<p>Clause 14: Advertising Hoarding</p> <p>The Employer may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The contractor will not prevent such arrangement and will assist in the facilitation of same. Position and type of advertising structure to be agreed with the Principal Agent so as not to hinder the contractor in the meeting of his obligations under the contract.</p>	Item		
1/1/42	<p>Clause 15: Repairs of patent and latent defects after date of Final completions</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 PRELIMINARIES Bill No. 1 Preliminaries and General Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd</p>			

[illegible]

Item No		Quantity	Rate	Amount
	<u>BILL NO.2</u>			
	<u>ALTERATIONS</u>			
	<u>REMOVAL OF EXISTING WORK</u>			
	<u>Breaking up and removing unreinforced concrete</u>			
2/1/1	85mm Thick Surface bed	m2	19	
2/1/2	40mm Thick slate pavers with mortar joints on sand bedding	m2	111	
	<u>Removing precast concrete wall, settins aside and later reinstalled in a new position</u>			
2/1/3	Precast concrete wall	m2	26	
	<u>Breaking down and removing brickwork etc</u>			
2/1/4	One brick wall	m2	6	
2/1/5	Half brick wall	m2	56	
	<u>Taking out and removing doors, windows, etc, setting aside for re-use and later refixing in a similar new position from brickwork to be demolished</u>			
2/1/6	Timber single door and frame not exceeding 2,5m²	No	5	
2/1/7	Glazed steel window not exceeding 2,5m²	No	1	
2/1/8	Glazed steel window exceeding 2,5m² and not exceeding 5m²	No	1	
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward				R	
	<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc setting aside for re-use and later refixing in a similar new position and building up openings in brick walls, including making good cement plaster on both sides and face brick on one side to match existing (making good paintwork elsewhere)</u>				
2/1/9	Timber single door, frame and steel gate 0.81 x 2.03m high overall from one brick wall with facebrick plinth	No	1		
	<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc setting aside for re-use and later refixing in a similar new position and building up openings in brick walls, including making good cement plaster on both sides (making good paintwork elsewhere)</u>				
2/1/10	Timber single door and frame 0.81 x 2.03m high overall from half brick wall	No	5		
	<u>Taking out and removing doors, windows, etc, including thresholds, sills, etc setting aside for re-use and later refixing in a similar new position including making good plaster in both sides and preparing opening for new door (paintwork is measured elsewhere)</u>				
2/1/11	Timber single door and frame 0.81 x 2.03m high overall from one brick wall	No	1		
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
2/1/12	Tongued and grooved timber suspended floors, including timber joists, bearers, skirtings, etc	m2	22		
2/1/13	Gypsum plasterboard ceilings	m2	14		
2/1/14	Drywall partitions 3.25m high, including doors, glazed borrowed lights, etc	m	8		
Carried Forward				R	
Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

Brought Forward				R	
<u>Taking out and removing sundry joinery work, fittings, etc and making good floor finishes and plaster to match existing (making good paintwork elsewhere)</u>					
2/1/15	Timber floor cupboard 661 x 547 x 1581mm high	No	1		
2/1/16	Timber floor cupboard 755 x 817 x 3000mm high	No	1		
2/1/17	Timber floor cupboard 1430 x 440 x 2200mm high	No	1		
2/1/18	Timber floor cupboard 1230 x 640 x 3000mm high	No	1		
2/1/19	Timber counter 857 x 623 x 1050mm high	No	1		
2/1/20	Timber wall shelves 1430 x 440mm	No	3		
2/1/21	Timber wall shelves 1920 x 281mm	No	2		
2/1/22	Timber wall battens 1783 x 100mm	No	1		
2/1/23	Timber wall battens 1354 x 500mm	No	1		
<u>Taking out and removing sundry joinery work, fittings, etc, setting aside for re-use and later refixing in similar new position and making good plaster finish</u>					
2/1/24	Timber skirtings	m	2		
<u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds and timber floors to receive new floor finishes</u>					
2/1/25	Vinyl tile floor covering	m2	66		
2/1/26	Carpet tile floor covering	m2	92		
<u>Taking out and removing ironmongery making good plaster finish (making good paintwork elsewhere)</u>					
2/1/27	Towel rail not exceeding 1400mm long from wall	No	1		
Carried Forward				R	
Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

	Brought Forward		R	
2/1/28	Hat and coat hook from wall	No	1	
2/1/29	Curtain rail brackets	No	10	
2/1/30	Blinds, 600 x 1100mm high	No	1	
2/1/31	Blinds, 950 x 760mm high	No	1	
2/1/32	Blinds, 1100 x 940mm high	No	1	
2/1/33	Blinds, 1460 x 1200mm high	No	1	
2/1/34	Blinds, 1460 x 600mm high	No	1	
2/1/35	Blinds, 1460 x 1480mm high	No	2	
2/1/36	Blinds, 1470 x 1500mm high	No	2	
2/1/37	Blinds, 1530 x 320mm high	No	1	
2/1/38	Blinds, 1750 x 1070mm high	No	1	
2/1/39	Blinds, 1960 x 1200mm high	No	1	
2/1/40	Blinds, 2140 x 1200mm high	No	1	
2/1/41	Blinds, 2400 x 1170mm high	No	2	
2/1/42	Blinds, 2700 x 1730mm high	No	3	
2/1/43	Blinds, 3960 x 1200mm high	No	1	
2/1/44	Steel wall cupboard 1380 x 320 x 620mm high	No	1	
2/1/45	610 x 250 x 610mm high steel distribution board	No	1	
	<u>Taking out/off and removing sundry metalwork</u>			
2/1/46	Pressed metal ceilings	m2	15	
	Carried Forward			R
	Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward				R	
<u>Hacking up/off and removing ceramic tiles including removing adhesive from screed or plaster surfaces and preparing surfaces for new tile finish, etc</u>					
2/1/47	Tiles to floors	m2	15		
2/1/48	Tiles to walls	m2	88		
<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, taps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>					
2/1/49	Vitreous china WC pan with cistern and flush pipe	No	4		
2/1/50	Vitreous china wash hand basin	No	3		
<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, taps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere) and preparing pipes to receive new sanitary fittings</u>					
2/1/51	Timber sink cupboard 1480 x 508 x 900mm high	No	1		
2/1/52	Timber sink cupboard 1484 x 658 x 955mm high	No	1		
2/1/53	Stainless steel wash hand basin	No	1		
2/1/54	Vitreous china wash hand basin	No	5		
2/1/55	Vitreous china WC pan with cistern and flush pipe	No	3		
2/1/56	Shower roses	No	1		
2/1/57	Toilet paper holders	No	2		
2/1/58	Soap holders	No	2		
2/1/59	Sanitiser dispensers	No	10		
2/1/60	Paper towel dispensers	No	6		
Carried Forward				R	
Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

	Brought Forward			R	
2/1/61	150 Litre Geyser from wall	No	3		
2/1/62	200 Litre Geyser from wall	No	1		
	<u>Taking out/off and removing glass and mirrors</u>				
2/1/63	Mirror 300 x 300mm high from wall	No	1		
2/1/64	Mirror 760 x 760mm high from wall	No	1		
2/1/65	Mirror 300 x 1300mm high from wall	No	1		
2/1/66	Mirror 500 x 1300mm high from wall	No	7		
	<u>MAKING GOOD OF FINISHES ETC</u>				
	<u>Making good pressed metal ceilings and timber brandering</u>				
2/1/67	Ceilings in patches	m2	7		
2/1/68	Ceilings where half brick walls removed	m	20		
2/1/69	Ceilings where one brick walls removed	m	5		
	<u>Making good concrete surface and cement screeds</u>				
2/1/70	Floors where half brick walls removed	m	20		
2/1/71	Floors where one brick walls removed	m	5		
	<u>Making good internal cement plaster</u>				
2/1/72	Walls where half brick cross walls removed	m	45		
2/1/73	Walls where one brick cross walls removed	m	19		
	<u>OPENINGS THROUGH EXISTING WALLS ETC</u>				
	Carried Forward			R	
	Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

Brought Forward			R	
	<u>Altering openings</u>			
2/1/74	Altering opening in one brick wall where 0.81 x 2.03m high door removed to form opening for new aluminium door and frame 3.00 x 2.10m high overall by breaking out brickwork on both sides and below, including prestressed concrete lintels, making good cement plaster on both sides and into reveals with 20 MPa concrete threshold with steel trowelled finish (new door and and making good paintwork elsewhere)	No	1	
2/1/75	Altering opening in one brick wall where 1.00 x 1.50m high steel window removed to form opening for new aluminium window 1.79 x 0.47m high overall by breaking out brickwork on both sides and building up below, including prestressed concrete lintels, making good cement plaster on both side and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new aluminium window and and making good paintwork elsewhere), setting aside for re-use and later refixing in similar new position	No	1	
2/1/76	Altering opening in one brick wall where 1.46 x 1.20m high steel window removed to form opening for new aluminium window 2.00 x 1.50m high overall by breaking out brickwork on the bottom, including prestressed concrete lintels, making good cement plaster on both side and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new window and frame and making good paintwork elsewhere), setting aside for re-use and later refixing in similar new position	No	1	
2/1/77	Altering opening in one brick wall where 2.48 x 1.25m high steel window removed to form opening for new aluminum window 2.35 x 1.50m high overall by building up brickwork on both sidesand breaking out below, including prestressed concrete lintels, making good cement plaster on both side and into reveals and with 20 MPa concrete threshold with steel trowelled finish (new aluminium window and making good paintwork elsewhere), setting aside for re-use and later refixing in similar new position	No	1	
Carried Forward			R	
Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

Brought Forward				R
	<u>Breaking out for and forming plain openings through brick walls, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (making good paintwork elsewhere)</u>			
2/1/78	Opening 4 x 2.2m high through half brick wall	No	1	
2/1/79	Opening 1.75 x 2.21m high through half brick wall	No	1	
	<u>Breaking out for and forming openings through brick walls for new doors and frames, including prestressed concrete lintels, making good cement plaster on both sides and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)</u>			
2/1/80	Opening for door with steel frame 0.90 x 2.10m high overall through one brick wall	No	3	
	<u>BUDGETARY ALLOWANCES</u>			
	<u>ROOF SHEETS</u>			
2/1/81	Allow a budgetary amount R 10 000.00 excl VAT (Ten thousand rands) for making good in patches roof sheeting where PVC and steel piping have been removed to match existing.		Item	10,000.00
Carried Forward to Summary of Section No. 2				R
Section No. 2 BUILDER'S WORK Bill No. 1 Alterations Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

Item No		Quantity	Rate	Amount
	<u>BILL NO.3</u>			
	<u>EARTHWORKS (PROVISIONAL)</u>			
	<u>EXCAVATIONS, ETC</u>			
	<u>Excavation in earth not exceeding 2m deep below natural, excavated or reduced ground level and depositing excavated material in stock piles on site</u>			
2/2/1	Trenches	m3	1	
2/2/2	Holes	m3	1	
	<u>Extra over trench and hole excavation in earth for excavation in</u>			
2/2/3	Soft rock	m3	0.2	
2/2/4	Hard rock	m3	0.1	
	<u>Extra over all excavations for carting away</u>			
2/2/5	Surplus material from excavations and/or stockpiles on site to a dumping site to be located by the contractor. (Bulking not allowed for).	m3	1	
	<u>Risk of collapse of excavations</u>			
2/2/6	Sides of trench and hole, etc. excavations not exceeding 1,5m deep.	m2	9	
	<u>Keeping excavations free of water</u>			
2/2/7	Keep excavations free from water other than subterranean water		Item	
	<u>FILLING ETC</u>			
	<u>Filling of natural gravel material G5 supplied by the contractor compacted in layers not exceeding 150mm to 93% Mod AASHTO density</u>			
2/2/8	Under floors, etc	m3	18	
Carried Forward				R
Section No. 2 BUILDER'S WORK Bill No. 2 Earthworks Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

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Item No		Quantity	Rate	Amount
	<u>BILL NO.4</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>25MPa/19mm concrete</u>			
2/3/1	Strip footings	m3	0.2	
2/3/2	Bases	m3	1	
2/3/3	Surface beds	m3	11	
	<u>TEST BLOCKS</u>			
2/3/4	Making and testing a set of three 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	3	
	<u>CONCRETE SUNDRIES</u>			
2/3/5	30mm Non-shrink grout, under 170 x 170mm base plate including chamfered edges all round	No	3	
	<u>Finishing top surfaces of concrete smooth with a wood float</u>			
2/3/6	Surface beds, etc	m2	59	
	<u>Finish top of concrete with powerfloat</u>			
2/3/7	Surface beds	m2	37	
	<u>Finish top of concrete with wood float</u>			
2/3/8	Surface beds	m2	6	
	<u>MOVEMENT JOINTS ETC</u>			
	<u>Saw Cut Joints</u>			
2/3/9	3 x 30mm Saw cut joint in top of concrete	m	54	
	Carried Forward			
	Section No. 2 BUILDER'S WORK Bill No. 3 Concrete, formwork and reinforcement Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd		R	

	Brought Forward				R
	<u>Expansion joints with 6mm bitumen impregnated softboard between vertical concrete and brick surfaces</u>				
2/3/10	Not exceeding 300mm high to edges of surface beds	m	93		
	<u>REINFORCEMENT PROVISIONAL</u>				
	<u>Fabric reinforcement</u>				
2/3/11	Type 193 fabric reinforcement in concrete surface beds etc	m2	76		
Carried Forward to Summary of Section No. 2					R
Section No. 2 BUILDER'S WORK Bill No. 3 Concrete, formwork and reinforcement Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

Item No		Quantity	Rate	Amount
	<u>BILL NO.5</u>			
	<u>MASONRY</u>			
	<u>BRICKWORK</u>			
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork of NFP bricks in class II mortar</u>			
2/4/1	Half brick walls	m2	26	
2/4/2	170mm high half brick shower threshold	m	5	
	<u>BRICKWORK SUNDRIES</u>			
2/4/3	Forming toothings and bonding new brickwork to existing	m2	4	
	<u>Prestressed fabricated concrete lintels including necessary temporary supports</u>			
2/4/4	100 x 75mm Lintels in lengths not exceeding 3m	m	4	
	<u>Cleaning of existing face brick walls</u>			
	<u>Brickwork reinforcement</u>			
2/4/5	75mm Wide reinforcement built in horizontally	m	62	
	<u>PAVING ETC</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Quarry tiles, cement, terrazzo and similar tiles, precast concrete bricks, blocks, etc</u>			
	<u>Paving of 300 x 300 x 11mm Terracotta quarry tiles on concrete with continuous joints in both directions, flush pointed on all exposed surfaces</u>			
2/4/6	Paving on including mortar bed	m2	42	
	<u>BUDGETARY ALLOWANCES</u>			
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 4 Masonry Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward		R	
2/4/7	<u>CLOSING UP GAPS</u>		
	Allow a budgetary amount R 7 500.00 excl VAT (Seven thousand five hundred rands) for closing up gaps in the external brick walls where beam filling has been damaged.	Item	7,500.00
Carried Forward to Summary of Section No. 2		R	
Section No. 2			
BUILDER'S WORK			
Bill No. 4			
Masonry			
Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Item No		Quantity	Rate	Amount
	BILL NO.6			
	WATERPROOFING			
	DAMPPROOFING OF WALLS AND FLOORS			
	One layer of 250 Micron "Consol Plastics Gunplas Green" Waterproof sheeting sealed at laps with "Gunplas" pressure sensitive tape			
2/5/1	Under surface beds, etc	m2	96	
	WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC			
	Jointex or similar silicone sealing compound including backing cord, bond breaker, primer, etc			
2/5/2	6mm In isolation joints in walls etc including raking out expansion joint filler as necessary	m	93	
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 BUILDER'S WORK Bill No. 5 Waterproofing Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Item No		Quantity	Rate	Amount
	<u>BILL NO.7</u>			
	<u>ROOF COVERINGS, CLADDINGS, ETC</u>			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>0.6mm Z275 Spelter corrugated roof sheets with paint finish of approved standard colour to match existing one side and standard grey backing finish on reverse side, fixed to timber purlins</u>			
2/6/1	Roof covering with pitches not exceeding 25 degrees	m2	3	
2/6/2	Side wall flashings 40mm girth	m	6	
2/6/3	Cover flashings 400mm girth	m	2	
	<u>0.50mm Saflok410 galvanised steel sheets fixed to steel purlins</u>			
2/6/4	Roof coverings with pitches not exceeding 5 degrees	m2	42	
2/6/5	Head wall flashings 40mm girth	m	7	
2/6/6	Cover flashings 40mm girth	m	23	
	<u>BUDGETARY ALLOWANCES</u>			
	<u>ROOF REMEDIAL WORK</u>			
2/6/7	Allow a budgetary amount R 10 000.00 excl VAT (Ten thousand rands) for replacing screw fixings of existing roof sheeting to ensure water tightness.		Item	10,000.00
	<u>ROOF SISALATION</u>			
2/6/8	Allow a budgetary amount R 20 000.00 excl VAT (Twenty thousand rands) for installing the roof sisalation.		Item	20,000.00
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 BUILDER'S WORK Bill No. 6 Roof coverings, claddings, etc Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Item No		Quantity	Rate	Amount
	BILL NO.8			
	CARPENTRY AND JOINERY			
	STRUCTURAL TIMBERWORK ETC			
	Sawn softwood SAP 38 x 114			
2/7/1	76 x 50mm Common rafters in lengths not exceeding 2,4m	m	6	
2/7/2	50 x 75mm purlins	m	7	
	Sundries			
2/7/3	Two coats creosote on sawn timbers	m2	32	
	FLOORS AND SKIRTINGS			
	SKIRTINGS			
	Wrought meranti			
2/7/4	100mm Timber skirting plugged to match existing	m	1	
	TIMBER DOORS, WINDOWS, ETC			
	DOORS ETC			
	Wrought meranti doors hung to timber frames			
2/7/5	44mm Batten door 900 x 2100mm high of 22 x 115mm top, middle and bottom ledges and braces and covered with 75mm tongued and grooved V-jointed one side vertical boarding (D01&D02)	No	3	
	Standard Masonite semi-solid core flush panel doors			
2/7/6	40mm Door 840 x 2010mm high (D05)	No	2	
	FRAMES ETC			
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 7 Carpentry and joinery Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward				R	
<u>FRAMED FRAMES, MULLIONS, TRANSOMS, ETC</u>					
<u>Wrought meranti</u>					
2/7/7	900 x 2100mm Frames (D01&D02)	No	3		
2/7/8	840 x 2010mm Frames (D05)	No	2		
<u>BUDGETARY ALLOWANCES</u>					
<u>TIMBER FLOOR REPAIRS</u>					
2/7/9	Allow a budgetary amount R 10 000.00 excl VAT (Ten thousand rands) for fixing and replacing timber floors.		Item		10,000.00
<u>DOOR REPAIRS</u>					
2/7/10	Allow a budgetary amount R 10 000.00 excl VAT (ten thousand rands) for the repair wooden doors and frames.		Item		10,000.00
<u>TIMBER ROOF REPAIRS</u>					
2/7/11	Allow a budgetary amount R 20 000.00 excl VAT (Ten thousand rands) for the repair of the timber roof structure and purlins.		Item		20,000.00
Carried Forward to Summary of Section No. 2				R	
Section No. 2					
BUILDER'S WORK					
Bill No. 7					
Carpentry and joinery					
Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

Item No		Quantity	Rate	Amount
	<u>BILL NO.9</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	<u>CEILING TIMBERS, BEADS, INSULATION, ETC</u>			
	<u>NAILED-UP CEILINGS</u>			
	<u>6,4mm Gypsum plasterboard with strips to match existing</u>			
2/8/1	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres	m2	60	
2/8/2	U shaped bulkhead 300mm wide x 200m deep including 38 x 38mm sawn softwood branderling at 400mm centres	m	14	
	<u>Gypsum plasterboard cornices</u>			
2/8/3	75mm Coved cornices, plugged to match existing	m	118	
	<u>15mm Gyproc 2 hour Fire rated ceilings with GypFrame</u>			
2/8/4	Ceiling including 38 x 38mm steel branderling at 400mm centres	m2	12	
	<u>BUDGETARY ALLOWANCES</u>			
	<u>CEILING REPAIRS</u>			
2/8/5	Allow a budgetary amount R 10 000.00 excl VAT (Ten thousand rands) for fixing existing damaged ceilings	Item		10,000.00
	<u>DRYWAY DEVICE</u>			
2/8/6	Allow a budgetary amount R 150 000.00 excl VAT (One hundred and fifty thousand rands) for the supply and installation of the dryway device.	Item		150,000.00
	Carried Forward to Summary of Section No. 2		R	
	Section No. 2 BUILDER'S WORK Bill No. 8 Ceilings, partitions, etc Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

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Item No		Quantity	Rate	Amount
	BILL NO.11			
	IRONMONGERY			
	BLINDS			
	"WINDOWVERT" blinds to steel windows all in accordance manufacturer's specifications			
2/10/1	90mm blinds, 600 x 1100mm high	No	1	
2/10/2	90mm blinds, 950 x 760mm high	No	1	
2/10/3	90mm blinds, 1000 x 450mm high	No	1	
2/10/4	90mm blinds, 1100 x 940mm high	No	1	
2/10/5	90mm blinds, 1350 x 1800mm high	No	2	
2/10/6	90mm blinds, 1400 x 1800mm high	No	1	
2/10/7	90mm blinds, 1460 x 600mm high	No	1	
2/10/8	90mm blinds, 1460 x 1480mm high	No	1	
2/10/9	90mm blinds, 1470 x 1500mm high	No	2	
2/10/10	90mm blinds, 1530 x 320mm high	No	1	
2/10/11	90mm blinds, 1750 x 1070mm high	No	1	
2/10/12	90mm blinds, 2000 x 1245mm high	No	1	
2/10/13	90mm blinds, 2140 x 1200mm high	No	1	
2/10/14	90mm blinds, 2400 x 1170mm high	No	2	
2/10/15	90mm blinds, 2700 x 1730mm high	No	2	
2/10/16	90mm blinds, 3960 x 1200mm high	No	1	
	BUDGETARY ALLOWANCES			
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 10 Ironmongery Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward			R	
2/10/17	<u>HINGES, BOLTS, LOCKS, HANDLES ETC</u>			
	Allow a budgetary amount R 6 000.00 excl VAT (Six thousand rands) for the Hinges, bolts, locks, handles etc	Item		6,000.00
Carried Forward to Summary of Section No. 2			R	
Section No. 2				
BUILDER'S WORK				
Bill No. 10				
Ironmongery				
Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

Item No		Quantity	Rate	Amount
	<u>BILL NO.12</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>GALVANISED STEEL COLUMNS AND BEAMS</u>			
	<u>Beams</u>			
	<u>Welded beams in single lengths with flat bearer and connection plates, bolted to brickwork</u>			
2/11/1	140 x 73mm x 12.89kg/m I-section beams in lengths exceeding not exceeding 13m	t	0.60	
	<u>Welded beams in single lengths with flat bearer and connection plates, bolted to steel</u>			
2/11/2	100 x 50mm Box section beams of 2.5mm thick side	t	0.01	
	<u>Columns</u>			
	<u>Welded plate columns, with flat base, cap, bearer and connection plates, bolted to concrete</u>			
2/11/3	75 x 75 x 3mm Box section columns	t	0.10	
2/11/4	18mm Diameter chemical anchor bolt in top of concrete in exact positions	No	12	
2/11/5	75 x 75 x 2.5mm Box section columns	t	0.04	
2/11/6	14mm Diameter chemical anchor bolt in top of concrete in exact positions	No	4	
	<u>STEEL PURLINS, GIRTS, BRACING, ETC</u>			
	<u>GALVANISED STEEL PURLINS, GIRTS, BRACING, ETC</u>			
	<u>Purlins and girts, bolted to steel</u>			
2/11/7	75 x 50 x 20 x 2.5mm Cold-formed lipped channel purlins	t	0.66	
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 11 Structural steelwork Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

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Item No		Quantity	Rate	Amount
	<u>BILL NO.12</u>			
	<u>METALWORK</u>			
	<u>ALUMINIUM WINDOWS, DOORS, ETC</u>			
	<u>OUTWARD OPENING ALUMINIUM CASEMENT WINDOWS</u>			
	<u>Powder coated casement window units as per "manufacturer's" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork</u>			
2/12/1	Purpose made window, 1500 x 400mm high (W02&W03)	No 2		
2/12/2	Purpose made window, 1790 x 470mm high (W04)	No 1		
2/12/3	Purpose made window, 2000 x 1500mm high (W05)	No 1		
	<u>ALUMINIUM SLIDING WINDOWS</u>			
	<u>ALUMINIUM HORIZONTAL SLIDING WINDOWS</u>			
	<u>Powder coated horizontal sliding window units as per "manufacturer's" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork</u>			
2/12/4	Purpose made window, 2350 x 1500mm high (W01)	No 1		
	<u>ALUMINIUM SLIDING DOORS</u>			
	<u>Powder coated sliding doors as per "manufacturer's" system, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork</u>			
2/12/5	Purpose made door, 3000 x 2100mm high (D06)	No 1		
	<u>ALUMINIUM FRAMED AND UNFRAMED SHOWER CUBICLE PANELS AND DOORS ETC</u>			
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 12 Metalwork Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward			R
	<u>Powder coated aluminium framed shower cubicle panels and doors with frames, sliding gear, pivot hinges, cleats, stops, etc and frosted glass, plugged to tiled walls and sealed with silicone sealant</u>		
2/12/6	Pivot door 800 x 1860mm high	No	9
	<u>BUDGETARY ALLOWANCES</u>		
	<u>WINDOW REPAIRS</u>		
2/12/7	Allow a budgetary amount R 2 500.00 excl VAT (Two thousand five hundred rands) remove and re-do silicone seal between window reveals and wall and backing putty where necessary.	Item	2,500.00
	<u>PEDESTRIAN GATE</u>		
2/12/8	Allow a budgetary amount R 7 000.00 excl VAT (Seven thousand rands) for the pedestrian gate.	Item	7,000.00
	<u>VEHICLE ENTRANCE GATE</u>		
2/12/9	Allow a budgetary amount R15 000 excl VAT (Fifteen thousand rands) for the mild steel vehicle gate.	Item	15,000.00
Carried Forward to Summary of Section No. 2			R
Section No. 2			
BUILDER'S WORK			
Bill No. 12			
Metalwork			
Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

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Item No		Quantity	Rate	Amount
	<u>BILL NO.15</u>			
	<u>PAINTWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>PREPARATORY WORK TO EXISTING WORK</u>			
	<u>Previously painted plastered surfaces</u>			
	Surfaces shall be sanded where necessary and 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			
	<u>Previously painted metal surfaces</u>			
	<u>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</u>			
	<u>Previously painted wood surfaces</u>			
	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			
	<u>PAINTWORK, ETC TO NEW WORK</u>			
	<u>INTERNAL FLOATED PLASTER SURFACES</u>			
	<u>One coat universal undercoat and two coats Plascon kitchen and bathrooms interior matt paint. Colour to match existing on:</u>			
2/16/1	Walls	m2	14	
	<u>One coat Flowshield S primer and uniform coat of Flowshield SL ESD on:</u>			
2/16/2	Floors	m2	6	
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 16 Paintwork Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward				R	
<u>PLASTERBOARD</u>					
<u>One coat Plascon primer and two coats Plascon professional low sheen paint to match existing on:</u>					
2/16/3	Ceilings	m2	72		
2/16/4	Cornices	m	118		
<u>CONCRETE SURFACES</u>					
<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use on:</u>					
2/16/5	Walls	m2	451		
<u>ON METAL SURFACES</u>					
<u>One coat water based galvanised iron primer and two coats Plascon Nuroof cool low sheen paint on:</u>					
2/16/6	Roof coverings	m2	45		
<u>WOOD SURFACES</u>					
<u>Spot prime bare surfaces with Plascon wood primer, one coat of Plascon universal undercoat and two coats Plascon velvagio to match existing on:</u>					
2/16/7	Doors	m2	31		
2/16/8	Frames	m2	5		
<u>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</u>					
<u>INTERNAL FLOATED PLASTER SURFACES</u>					
<u>One coat universal undercoat and two coats Plascon kitchen and bathrooms interior matt paint. Colour to match existing on:</u>					
2/16/9	Walls	m2	23		
Carried Forward				R	
Section No. 2 BUILDER'S WORK Bill No. 16 Paintwork Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

	Brought Forward			R	
	<u>One coat Universal undercoat and two coats Plascon professional low sheen paint. Colour: Full of Blamley (G3-B1-2) on:</u>				
2/16/10	Walls	m2	80		
	<u>One coat Plascon plaster primer and two coats Plascon professional low sheen paint to match existing on:</u>				
2/16/11	Walls	m2	841		
	<u>Two coats Plascon fireplace paint on:</u>				
2/16/12	Walls	m2	17		
	<u>Two coats Plascon Stoep enamel to match existing on:</u>				
2/16/13	Floors	m2	13		
	<u>EXTERNAL FLOATED PLASTER SURFACES</u>				
	<u>One coat Plascon primer and two coats Plascon micatex water based matt finish paint to match existing on:</u>				
2/16/14	Walls	m2	507		
	<u>PLASTERBOARDS</u>				
	<u>One coat Plascon primer, two coats Plascon professional low sheen paint to match existing on:</u>				
2/16/15	Cornices	m	368		
	<u>METAL SURFACES</u>				
	<u>One coat Plascon primer, two coats Dulux eggshell enamel paint. Colour to match existing on:</u>				
2/16/16	Ceilings	m2	363		
	Carried Forward			R	
	Section No. 2 BUILDER'S WORK Bill No. 16 Paintwork Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd				

Brought Forward				R	
<u>Spot prime bare surfaces with Plascon metalcare primer, one coat Plascon universal undercoat and two coats Plascon velvagio on:</u>					
2/16/17	Door frames	m2	38		
2/16/18	Sliding door with burglar bars	m2	15		
2/16/19	Garage double door	m2	6		
2/16/20	Windows	m2	94		
2/16/21	Windows with burglar bars	m2	14		
2/16/22	Burglar bars	m2	88		
<u>Spot prime bare surfaces with Plascon metalcare primer, two coats Plascon super universal enamel paint (NY1) on:</u>					
2/16/23	Corrugated roof sheets (measured over full flat area)	m2	678		
2/16/24	Rainwater downpipes not exceeding 300mm girth	m	30		
2/16/25	Gutters not exceeding 300mm girth	m	139		
<u>WOOD SURFACES</u>					
<u>Spot prime bare surfaces with Plascon wood primer, one coat of Plascon universal undercoat and two coats Plascon velvagio to match existing on:</u>					
2/16/26	Doors	m2	156		
2/16/27	Windows	m2	21		
2/16/28	Skirtings	m	281		
<u>One coat of Woodoc 25 interior polyurethane floor sealer on:</u>					
2/16/29	Floors	m2	91		
Carried Forward to Summary of Section No. 2				R	
Section No. 2					
BUILDER'S WORK					
Bill No. 16					
Paintwork					
Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd					

Item No		Quantity	Rate	Amount
	<u>BILL NO.15</u>			
	<u>EXTERNAL WORKS</u>			
	<u>PAVING</u>			
	<u>Compaction of surfaces</u>			
2/17/1	Compaction of ground surface under pavings, etc. including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	404	
	<u>LAYERWORK</u>			
	<u>Earth filling supplied by the contractor, compacted to 95% Mod AASHTO density</u>			
2/17/2	Under paving, etc	m3	61	
	<u>Weed killer</u>			
2/17/3	Under paving, etc	m2	404	
	<u>80mm Thick 40MPa precast concrete interlocking block of 200 x 100mm grey paving blocks in accordance with SANS 1058, laid to falls on and including 50mm thick sand layer with joints filled in with sand, compacted with a vibration compactor</u>			
2/17/4	Paving to side walks etc to falls, including necessary straight edge blocks	m2	312	
	<u>100mm Thick 30MPa precast concrete grass block of 400 x 400mm grey paving</u>			
2/17/5	Paving to side walks etc to falls, including necessary straight edge block	m2	92	
	<u>FENCING</u>			
	Carried Forward		R	
	Section No. 2 BUILDER'S WORK Bill No. 17 External work Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward			R
	<u>Reinforced precast concrete fence finished smooth on exposed surfaces, including site clearance and preparation of ground.</u>		
2/17/6	Precast concrete wall re-installation m	7	
	<u>BUDGETARY ALLOWANCES</u>		
	<u>CARPORT</u>		
2/17/7	Allow a budgetary amount R 30 000.00 excl VAT (Thirty thousand rands) for the construction of the double carport.	Item	30,000.00
	<u>RE-SHAPING GROUND LEVELS</u>		
2/17/8	Allow a budgetary amount R20 000.00 excl VAT (Twenty thousand rands) for re-shaping ground levels on site to ensure effective s/w drainage	Item	20,000.00
	<u>REHABILITATION OF THE GROUND</u>		
2/17/9	Allow a budgetary amount R30 000.00 excl VAT (Thirty thousand rands) for the rehabilitation of the ground.	Item	30,000.00
	<u>PLANTING TREES</u>		
2/17/10	Allow a budgetary amount R11 500.00 excl VAT (Eleven thousand five hundred rands) for planting three trees.	Item	11,500.00
Carried Forward to Summary of Section No. 2			R
Section No. 2 BUILDER'S WORK Bill No. 17 External work Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

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Item No		Quantity	Rate	Amount
	<u>SECTION NO.3</u>			
	<u>PROVISIONAL SUMS</u>			
	<u>BILL NO.1</u>			
	<u>BUDGETARY ALLOWANCES</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<p>THE FOLLOWING PROVISIONAL SUMS ARE FOR WORK TO BE EXECUTED BY SELECTED SUBCONTRACTORS OR ALTERNATIVELY BE INCLUDED AS A DOMESTIC SUB-CONTRACT IN THIS CONTRACT SUBSEQUENT TO RATE NEGOTIATIONS/ APPROVAL BETWEEN THE PRINCIPAL CONTRACTOR AND THE QUANTITY SURVEYOR</p> <p>A Selected Sub-Contractor shall be a Sub-contractor executing work for which a sum of money is provided for in the Bills of Quantities or a Sub-contractor executing additional specialist work which arises as a result of an instruction by the Principal Agent/ Quantity Surveyor</p> <p>The procedure relating to the method of selection, obtaining of tenders, adjudication thereof and the appointment of the Selected Sub-contractor shall not create any contractual relationship between the Client and the Selected Sub-contractor</p>			
	<u>ELECTRICAL INSTALLATIONS</u>			
3/1/1	Provide the provisional sum for the above-mentioned installation complete.	Item		920,000.00
3/1/2	Profit		%	
3/1/3	Attendance		%	
	<u>ELECTRONIC INSTALLATIONS</u>			
3/1/4	Provide the Provisional Sum for the above-mentioned installation complete.	Item		511,700.00
	Carried Forward		R	
	Section No. 3 PROVISIONAL SUMS Bill No. 1 Provisional sums Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

Brought Forward			R
3/1/5	Profit		%
3/1/6	Attendance		%
<u>MECHANICAL INSTALLATIONS</u>			
3/1/7	Provide the provisional sum for the above-mentioned installation complete.	Item	462,000.00
3/1/8	Profit		%
3/1/9	Attendance		%
<u>WET SERVICES</u>			
3/1/10	Provide the provisional sum for the above-mentioned installation complete.	Item	784,000.00
3/1/11	Profit		%
3/1/12	Attendance		%
<u>FIRE SERVICES</u>			
3/1/13	Provide the provisional sum for the above-mentioned installation complete.	Item	94,500.00
3/1/14	Profit		%
3/1/15	Attendance		%
Carried to Final Summary			R
Section No. 3 PROVISIONAL SUMS Bill No. 1 Provisional sums Nonku Ntshona & Associates Quantity Surveyors (Pty) Ltd			

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