

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
HABITAT RESIDENCE REFURBISHMENT  
DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 1 : PRELIMINARIES AND GENERAL</u></b>			
	<b><u>BILL NO. 1 : PRELIMINARIES</u></b>			
	<b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b>			
	The JBCC Series 2000 Minor Works Agreement (March 2014 edition 5.1) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described			
	The ASQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities			
	Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof			
	These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the abovementioned documents			
	Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"			
	<b><u>PREAMBLES FOR TRADES</u></b>			
	The Model Preambles for Trades (2008 edition) as 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 Model Preambles will be entertained			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 Preliminaries and General			

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<b>Brought Forward</b>		R
<p>Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p> <p><b><u>PRICING OF PRELIMINARIES</u></b></p> <p>Should the contractor select Option A in terms of subclause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)</p> <p><b><u>GENERAL</u></b></p> <p>The contractor's prices for all items throughout these bills of quantities must take into account SANS 10400-F:2010 Edition 3 part F site operations available of SABS.</p> <p>SUMMARY OF CATEGORIES</p> <p>1 Category : Fixed R.....</p> <p>2 Category : Value R.....</p> <p>3 Category : Time R.....</p>		
<b>Carried to Final Summary</b>		R
<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries and General</p>		

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<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He 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</p> <p>Doors, fanlights, windows, 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 oiling, adjusting and repairing ironmongery as necessary, replacing any 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</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc</p> <p>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</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> <p><b><u>REMOVAL OF EXISTING WORK</u></b></p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 2  Bill No. 1  Alterations</p>		R	

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Item No		Quantity	Rate	Amount
	<b><u>SECTION 2: HABITAT HALL</u></b>			
	<b><u>BILL NO.2: METALWORK</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<p>For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>Descriptions of bolts, anchors, etc</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p>			
	<b><u>ALUMINIUM DOORS</u></b>			
	<u>Natural anodized aluminium doors complete with subframes, glass, sealing, etc and fixing to brickwork or concrete</u>			
1	Door size 1800 x 2100mm high	No	1	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 2			
	Metalwork			

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		Brought Forward		R	
		<u>Manufactured by 'Dorma'</u>			
2	Anodised aluminium pull handles with roses, fixed back-to-back, complete as per Architects specification and approval	Pairs	1.0		
Carried Forward to Summary of Section No. 2					R
Section No. 2					
Bill No. 3					
Ironmongery					



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Brought Forward			R
<b><u>PAINTWORK, ETC TO EXISTING WORK</u></b>			
<b><u>ON INTERNAL PLASTER SURFACES</u></b>			
Prepare, stop and apply one coat primer two coats Plascon Wall and All emulsion paint for interior use (Colour : To be confirmed by Client)			
1	On walls	m2	468
<b><u>ON EXTERNAL PLASTER SURFACES</u></b>			
Prepare, stop and apply one coat primer two coats Plascon Wall and All emulsion paint for exterior use (Colour : To be confirmed by Client)			
2	On walls	m2	693
3	On soffits	m2	52
<b><u>Budgetary Allowance</u></b>			
4	Allow for scaffolding	Item	
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 4			
Paintwork			

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<b>Brought Forward</b>			R
	<u>Fire Signage</u>		
2	Provide the Sum of R5,000.00 (Five Thousand Rand) for fire signage to be measured as the work proceeds and valued at Bill of Quantity rates	Item	5,000.00
	<u>Ceiling Net</u>		
3	Provide the Sum of R10,000.00 (Ten Thousand Rand) for Ceiling Net to be measured as the work proceeds and valued at Bill of Quantity rates	Item	10,000.00
<b>Carried Forward to Summary of Section No. 2</b>			
Section No. 2			
Bill No. 5			
Provisional Sums			

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<b>Brought Forward</b>		R
<u>General attendance upon selected sub-contractors</u>		
The item "Attendance" which follows each provisional sum for selected sub-contractors work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected sub-contractors, the following:		
1) The services as in clause B9 of the Preliminaries		
2) Hoisting of the selected sub-contractor's material in batches that can be handled by the contractor's hoist or crane during normal working hours		
3) Making good in all trades and cleaning down and removal of rubbish on completion		
<u>Contingency sums</u>		
Work for which contingency sums are allowed 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		
<b><u>PROVISIONAL SUMS FOR NOMINATED / SELECTED SUBCONTRACT WORKS</u></b>		
<u>Gas Stove Repairs</u>		
1	Provide the Sum of R15,000.00 (Fifteen Thousand) for Gas stoves repairs be expended as the Agent/Representative may direct or deduct in whole or in part, if not required	Item 15,000.00
2	Profit	%
3	Attendance	%
<b>Carried to Final Summary</b>		R
Section No. 3		
Bill No. 1		
Provisional Sums		

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Brought Forward				R
<b><u>PAINTWORK, ETC TO EXISTING WORK</u></b>				
<b><u>ON INTERNAL PLASTER SURFACES</u></b>				
<u>Prepare, stop and apply one coat primer two coats</u> <u>Plascon Wall and All emulsion paint for interior use</u> <u>(Colour : To be confirmed by Client)</u>				
1	On walls	m2	74	
Carried Forward to Summary of Section No. 4				R
Section No. 4				
Bill No. 2				
Paintwork				

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SECTION SUMMARY - SECTION 4: KITCHEN WASH AREA		Page No	Amount	
Bill No				
1	Waterproofing	16		
2	Paintwork	18		
Section No. 4			R	
Carried to Final Summary				

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Item No	Quantity	Rate	Amount
<b><u>SECTION NO. 5 : HABITAT BATHROOMS</u></b>			
<b><u>BILL NO. 1 : ALTERATIONS</u></b>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<p>For preambles see "Model Preambles for Trades (2008 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer 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 salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for alteration purposes unless otherwise stated</p>			
<b>Carried Forward</b>			R
Section No. 5 Bill No. 1 Alterations			

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<p style="text-align: right;"><b>Brought Forward</b></p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He 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</p> <p>Doors, fanlights, windows, 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 oiling, adjusting and repairing ironmongery as necessary, replacing any 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</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc</p> <p>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</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p> <p><b><u>REMOVAL OF EXISTING WORK</u></b></p>		R	
<p style="text-align: right;"><b>Carried Forward</b></p> <p>Section No. 5  Bill No. 1  Alterations</p>		R	

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Brought Forward			R
<u>Taking out and removing sanitary fittings, tanks, geysers, etc, including disconnecting from pipes, traps, etc and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u>			
1	Remove existing WC	No 16	
2	Remove existing hand wash basin mixers	No 16	
<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
<u>Making good of all existing work</u>			
3	Allow for making good all trades to existing work where damaged or disturbed through alterations with all necessary new materials to match and leave complete and perfect in every respect.	Item	
<b><u>BUDGETARY ALLOWANCE</u></b>			
4	Allow for unforeseen alterations, to be measured and priced in accordance with this <b>Bill of Quantities</b> and omitted in part or whole as instructed by <b>Principal Agent</b>	Item	5,000.00
<b>Carried Forward to Summary of Section No. 5</b>			R
Section No. 5			
Bill No. 1			
Alterations			

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Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 5 : HABITAT BATHROOMS</u></b>			
	<b><u>BILL NO.3: PLUMBING AND DRAINAGE</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.			
	Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.			
	<b><u>TAPS, VALVES, ETC</u></b>			
	<u>"Cobra Watertech"</u>			
1	HWB Tap	No	16	
	<b><u>SANITARY FITTINGS</u></b>			
	<u>Manufactured by "Vaal" or similar approved</u>			
2	Heavy duty plastic seat	No	16	
3	WC Flush cover plate. PC Sum R700/No.	No	16	
	<b><u>BUDGETARY ALLOWANCE</u></b>			
4	Allowance for door ventilation grilles	Item		3,000.00
	<b>Carried Forward to Summary of Section No. 5</b>			
	Section No. 5			
	Bill No. 3			
	Plumbing and Drainage			



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Brought Forward			R
<b><u>PAINTWORK, ETC TO EXISTING WORK</u></b>			
<b><u>ON INTERNAL PLASTER SURFACES</u></b>			
<u>Prepare, stop and apply one coat primer two coats Plascon Wall and All emulsion paint for interior use (Colour : To be confirmed by Client)</u>			
1	On walls	m2	113
<b><u>ON SMOOTH CONCRETE SURFACES</u></b>			
<u>One coat bonding liquid, one coat alkali resistant primer and two coats PVA emulsion paint for interior use, including stopping blowholes</u>			
2	On soffits	m2	183
<b>Carried Forward to Summary of Section No. 5</b>			R
Section No. 5			
Bill No. 4			
Paintwork			

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SECTION SUMMARY - SECTION 5: HABITAT RESIDENCE BATHROOMS			Amount	
Bill No		Page No		
1	Alterations	22		
2	Waterproofing	23		
3	Plumbing and Drainage	24		
4	Paintwork	26		
Carried to Final Summary			R	
Section No. 5				

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Item No	Quantity	Rate	Amount
<b><u>SECTION NO. 6 : LAUNDRY ROOM</u></b>			
<b><u>BILL NO. 1 : ALTERATIONS</u></b>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<p>For preambles see "Model Preambles for Trades (2008 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer 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 salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for alteration purposes unless otherwise stated</p>			
<b>Carried Forward</b>			R
Section No. 6 Bill No. 1 Alterations			

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<b>Brought Forward</b>	R
<p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He 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</p> <p>Doors, fanlights, windows, 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 oiling, adjusting and repairing ironmongery as necessary, replacing any 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</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc</p> <p>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</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p>	
<b>Carried Forward</b>	R
<p>Section No. 6</p> <p>Bill No. 1</p> <p>Alterations</p>	

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Brought Forward			R
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
1	Hacking existing internal cement plaster wall to receive new plaster finish (measured elsewhere)	m2	48
<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
<u>Making good of all existing work</u>			
2	Allow for making good all trades to existing work where damaged or disturbed through alterations with all necessary new materials to match and leave complete and perfect in every respect.	Item	
<b><u>BUDGETARY ALLOWANCE</u></b>			
3	Allow for unforeseen alterations, to be measured and priced in accordance with this <b>Bill of Quantities</b> and omitted in part or whole as instructed by <b>Principal Agent</b>	Item	5,000.00
<b>Carried Forward to Summary of Section No. 6</b>			
Section No. 6			
Bill No. 1			
Alterations			

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Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 6 : LAUNDRY ROOM</u></b>			
	<b><u>BILL NO. 2: WATERPROOFING</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<p>For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>Waterproofing to shower floors</u></p> <p>"Weber.sys Waterproof-it" shower waterproofing system to floors and walls shall be applied under a ten (10) year guarantee by an approved applicator</p> <p>Surfaces to be clean, dry, sound and free and from dust, grease or any contamination that could impair bonding. Mix Waterproof-it Compound A with Waterproof-it Emulsion B to form a slurry, apply 1 to 2mm thick coat to cement plaster using a block brush into corners and bed Waterproof-it Membrane onto wet slurry allowing for 100mm overlaps, immediately apply 2nd coat to membrane ensuring saturation of the membrane. Apply 2mm thick of the rest of the shower area and allow to dry for 24 hours</p>			
	<b><u>WATERPROOFING TO FLOORS AND WALLS</u></b>			
	<u>"Weber.sys Waterproof-it" shower waterproofing system, consisting of "Waterproof-it" compound, emulsion and membrane, applied in accordance to the manufacturer's specifications</u>			
1	On walls	m2	48	
	<b>Carried Forward to Summary of Section No. 6</b>			R
	Section No. 6			
	Bill No. 2			
	Waterproofing			

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Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 6 : LAUNDRY ROOM</u></b>			
	<b><u>BILL NO. 03: PLASTERING</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<p>For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p>			
	<b><u>TRADE NAMES</u></b>			
	<p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent</p>			
	<b><u>INTERNAL PLASTER</u></b>			
	<b><u>Two coat plaster on brickwork</u></b>			
1	On walls	m2	48	
	<b>Carried Forward to Summary of Section No. 6</b>			R
	Section No. 6			
	Bill No. 3			
	Plastering			



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**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**HABITAT RESIDENCE REFURBISHMENT**  
**DOORNFONTEIN CAMPUS**  
**PROVISIONAL BILL OF QUANTITIES**

<b>Brought Forward</b>		R
<u>General attendance upon selected sub-contractors</u>		
The item "Attendance" which follows each provisional sum for selected sub-contractors work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected sub-contractors, the following:		
1) The services as in clause B9 of the Preliminaries		
2) Hoisting of the selected sub-contractor's material in batches that can be handled by the contractor's hoist or crane during normal working hours		
3) Making good in all trades and cleaning down and removal of rubbish on completion		
<u>Contingency sums</u>		
Work for which contingency sums are allowed 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		
<b><u>BUDGETARY ALLOWANCE</u></b>		
1	Allow for extractor fans, to be measured and priced in accordance with this <b>Bill of Quantities</b> and omitted in part or whole as instructed by <b>Principal Agent</b>	Item 60,000.00
<b>Carried Forward to Summary of Section No. 6</b>		R
Section No. 6		
Bill No. 6		
Provisional Sums		

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UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
HABITAT RESIDENCE REFURBISHMENT  
DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Item No		Quantity	Rate	Amount
	<b><u>SECTION 7: FENCING</u></b>			
	<b><u>BILL NO.1: DEMOLITIONS</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.			
	Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.			
	<u>Explosives</u>			
	No explosives whatsoever may be used for demolition purposes unless otherwise stated			
	<u>General</u>			
	Water supply pipes and other piping in ground 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			
	Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site			
	<u>Taking down and removing</u>			
1	Steel perimeter fence 2.4m high with mesh, steel posts and droppers including break any existing foundation, concrete, etc	m	300	
	<b>Carried Forward to Summary of Section No. 7</b>			
	Section No. 7			
	Bill No. 1			
	Alterations			



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**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**HABITAT RESIDENCE REFURBISHMENT**  
**DOORNFONTEIN CAMPUS**  
**PROVISIONAL BILL OF QUANTITIES**

<b>Brought Forward</b>			R
	<u>Keeping excavations free of water</u>		
6	Keeping excavations free of all water other than subterranean water	Item	
	<u>Soil insecticide in accordance with SANS 5859</u>		
7	To bottoms and sides of holes etc	m2	511
<b>Carried Forward</b>			R
Section No. 7 Bill No. 2 External works			

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
HABITAT RESIDENCE REFURBISHMENT  
DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Brought Forward			R
<b><u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>			
<u>25MPa/19mm concrete</u>			
8	Bases	m3	40
<b><u>TEST CUBES</u></b>			
9	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	9
<b><u>FENCING</u></b>			
<i>In high corrosion areas fence posts, stays, gates, etc are to be galvanised</i>			
<u>Type 2 reinforced precast concrete fence finished smooth on exposed surfaces, including site clearance and preparation of ground</u>			
10	Pre-cast concrete fence 2.4m high above ground level over flat or sloping terrain fixed above with double Galvanised barbed wire fence with bitumen dipped steel standards and droppers and bitumen-aluminium painted (two coats) steel pipe posts, stays, gates, etc including galvanised steel bolts, straining eye bolts, etc, in accordance with the client requirements to maintenance approval	m	370
<b>Carried Forward to Summary of Section No. 7</b>			R
Section No. 7			
Bill No. 2			
External works			

**Carried to Final Summary**

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
HABITAT RESIDENCE REFURBISHMENT  
DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Item No	Quantity	Rate	Amount
<b><u>SECTION NO. 8 : PASSAGE WALLS</u></b>			
<b><u>BILL NO. 1 : ALTERATIONS</u></b>			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<p>For preambles see "Model Preambles for Trades (2008 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>View site</u></p> <p>Before submitting his tender the tenderer 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 salvageable from the alterations. No claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for alteration purposes unless otherwise stated</p>			
<b>Carried Forward</b>			R
Section No. 8 Bill No. 1 Alterations			

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**HABITAT RESIDENCE REFURBISHMENT**  
**DOORNFONTEIN CAMPUS**  
**PROVISIONAL BILL OF QUANTITIES**

<b>Brought Forward</b>	R
<p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to tenants in the building and to adjoining premises and their tenants. He 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</p> <p>Doors, fanlights, windows, 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 oiling, adjusting and repairing ironmongery as necessary, replacing any 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</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc</p> <p>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</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc)</p>	
<b>Carried Forward</b>	R
<p>Section No. 8</p> <p>Bill No. 1</p> <p>Alterations</p>	

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
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DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Brought Forward			R
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
1	Hacking existing internal cement plaster wall to receive new plaster finish (measured elsewhere)	m2	54
<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
<u>Making good of all existing work</u>			
2	Allow for making good all trades to existing work where damaged or disturbed through alterations with all necessary new materials to match and leave complete and perfect in every respect.	Item	
<b><u>BUDGETARY ALLOWANCE</u></b>			
3	Allow for unforeseen alterations, to be measured and priced in accordance with this <b>Bill of Quantities</b> and omitted in part or whole as instructed by <b>Principal Agent</b>	Item	5,000.00
<b>Carried Forward to Summary of Section No. 8</b>			
Section No. 8			
Bill No. 1			
Alterations			

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HABITAT RESIDENCE REFURBISHMENT  
DOORNFONTEIN CAMPUS  
PROVISIONAL BILL OF QUANTITIES

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 8 : PASSAGE WALLS</u></b>			
	<b><u>BILL NO. 2: WATERPROOFING</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<p>For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p> <p><u>Waterproofing to shower floors</u></p> <p>"Weber.sys Waterproof-it" shower waterproofing system to floors and walls shall be applied under a ten (10) year guarantee by an approved applicator</p> <p>Surfaces to be clean, dry, sound and free and from dust, grease or any contamination that could impair bonding. Mix Waterproof-it Compound A with Waterproof-it Emulsion B to form a slurry, apply 1 to 2mm thick coat to cement plaster using a block brush into corners and bed Waterproof-it Membrane onto wet slurry allowing for 100mm overlaps, immediately apply 2nd coat to membrane ensuring saturation of the membrane. Apply 2mm thick of the rest of the shower area and allow to dry for 24 hours</p>			
	<b><u>WATERPROOFING TO FLOORS AND WALLS</u></b>			
	<p><u>"Weber.sys Waterproof-it" shower waterproofing system, consisting of "Waterproof-it" compound, emulsion and membrane, applied in accordance to the manufacturer's specifications</u></p>			
1	On walls	m2	54	
	<b>Carried Forward to Summary of Section No. 8</b>			R
	Section No. 8			
	Bill No. 2			
	Waterproofing			



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Item No		Quantity	Rate	Amount
	<b><u>SECTION 8: PASSAGE WALLS</u></b>			
	<b><u>BILL NO. 03: PLASTERING</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<p>For preambles see "Model Preambles for Trades (2017 Edition)" and applicable supplementary preambles as specified in the Trades. The said Model and Supplementary Preambles apply to all work described in this document. Tenderer's are therefore referred to these documents for the full meaning and intention of all descriptions as no claims of any kind whatsoever will be entertained in this regard.</p> <p>Tenderer's are however also referred to the drawings and additional specifications. If same are in conflict with the above, the drawings and specifications shall take preference.</p>			
	<b><u>TRADE NAMES</u></b>			
	<p>Items, materials or methods to be used specified by trade names or catalogue numbers are only an indication of the quality required. Items, materials or methods of similar quality may be used with prior written approval from the Representative / Agent</p>			
	<b><u>INTERNAL PLASTER</u></b>			
	<b><u>Two coat plaster on brickwork</u></b>			
1	On walls	m2	54	
	<b>Carried Forward to Summary of Section No. 8</b>			R
	Section No. 8			
	Bill No. 3			
	Plastering			

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SECTION SUMMARY - SECTION 8: PASSAGE WALLS		Page No	Amount	
Bill No				
1	Alterations	47		
2	Waterproofing	48		
3	Plastering	49		
4	Painting	51		
Carried to Final Summary			R	
Section No. 8				

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**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
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<b>Brought Forward</b>		R
<u>General attendance upon selected sub-contractors</u>		
<p>The item "Attendance" which follows each provisional sum for selected sub-contractors work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the selected sub-contractors, the following:</p> <p>1) The services as in clause B9 of the Preliminaries</p> <p>2) Hoisting of the selected sub-contractor's material in batches that can be handled by the contractor's hoist or crane during normal working hours</p> <p>3) Making good in all trades and cleaning down and removal of rubbish on completion</p>		
<u>Contingency sums</u>		
<p>Work for which contingency sums are allowed 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</p>		
<b><u>BUDGETARY ALLOWANCE</u></b>		
1	Allow for covering and waterproofing roofs to staircases	Item 85,100.00
2	Allow for the replacement of all door locks to the rooms in accordance with UJ maintenance requirements or clients request	Item 400,000.00
<b>Carried to Final Summary</b>		R
Section No. 9 Bill No. 1 Provisional Sums		

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