

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 1: PRELIMINARIES AND GENERAL</u></b></p> <p><b><u>BILL NO. 1 : PRELIMINARIES</u></b></p> <p><b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b></p> <p>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</p> <p>The ASAQS 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</p> <p>Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof</p> <p>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</p> <p>Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable"</p> <p><b><u>PREAMBLES FOR TRADES</u></b></p> <p>The Model Preambles for Trades (2017 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</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

<b>Brought Forward</b>			R	
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				
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				
<b><u>PRICING OF PRELIMINARIES</u></b>				
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)				
<b><u>GENERAL</u></b>				
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.				
<b>SUMMARY OF CATEGORIES</b>				
1 Category : Fixed R.....	Item			
2 Category : Value R.....	Item			
3 Category : Time R.....	Item			
<b>Carried to Final Summary</b>			R	
Section No. 1 Bill No. 1 Preliminaries and General				

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.1: ALTERATIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>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> <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>			
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 1 Alterations			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>			R
	<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><u>REMOVAL OF EXISTING WORK</u></b>			
	<u>Breaking down and removing brickwork etc</u>			
1	Half brick walls	m2	9	
	<u>Taking out and removing doors, windows, etc from brickwork to be demolished</u>			
2	Timber single door and frame not exceeding 2,5m <sup>2</sup>	No	11	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 1 Alterations			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES**  
**SWC - ADELAIDE TAMBO SPACE ALTERATIONS**  
**BILL OF QUANTITIES**

<b>Brought Forward</b>			R
	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>		
3	Drywall partitions 3m	m	49
	<u>Taking up and removing wood block floor coverings, vinyl floor coverings, carpets, etc and preparing screeds for new floor coverings</u>		
4	Carpert tile floor covering	m2	185
	<u>Hacking up/off and removing ceramic tiles including removing mortar bed or adhesive from concrete or brickwork and preparing surfaces for new screed, plaster, tile finish, etc</u>		
5	Tiles to floors	m2	55
<b><u>BUILDING UP OPENINGS</u></b>			
	<u>Face bricks pointed with flush horizontal and vertical joints</u>		
6	One brick walls in English bond pointed on both sides	m2	3
7	Cutting toothings and bonding new face brickwork to existing	m	5
<b><u>OPENINGS THROUGH EXISTING WALLS ETC</u></b>			
	<u>Breaking out for and forming openings through brick walls for new doors and frames, including brick lintels, making good cement plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete thresholds with steel trowelled finish (new doors and frames and making good paintwork elsewhere)</u>		
8	Opening for shopfront with steel frame 2885 x 2100m high overall through half brick wall	No	1
<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
<b>Carried Forward</b>			R
Section No. 2			
Bill No. 1			
Alterations			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>		R
	<u>Making good of all existing work</u>		
9	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	2 000.00
	<u>Leave in good condition</u>		
10	The Contractor is to allow for leaving the existing building, in which the alterations are undertaken, clean and neat at completion	Item	2 000.00
	<b><u>BUDGETARY ALLOWANCE</u></b>		
11	Allow for 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. 2</b>		R
	Section No. 2		
	Bill No. 1		
	Alterations		

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.2: MASONRY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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><b><u>Sizes in descriptions</u></b></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><b><u>Hollow walls etc</u></b></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole.</p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating.</p> <p><b><u>Face bricks</u></b></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p>			
	<b>Carried Forward</b>			R
	<p>Section No. 2 Bill No. 2 Masonry</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>				R
	<b><u>Pointing</u></b>				
	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc				
	<b><u>APPROVED PRESTRESSED FABRICATED LINTELS</u></b>				
1	150 x 75mm Lintels in lengths not exceeding 3m	m	6		
	<b><u>SUNDRIES</u></b>				
2	40 x 1,6mm wall tie strips shot pinned to concrete and with ties bent out and built into brickwork	m	12		
	<b>Carried Forward to Summary of Section No. 2</b>				R
	Section No. 2				
	Bill No. 2				
	Masonry				

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORK</u></b></p> <p><b><u>BILL NO. 3 : CARPENTRY AND JOINERY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>Particle board</u></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 3 Carpentry and Joinery</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>				R
	<b><u>SKIRTINGS</u></b>				
	<u>Meranti Skirting Board</u>				
1	19 x 76mm Skirting with 19mm quarter round nailed to walls, all nails to be punched and filled	m	2		
	<b><u>JOINERY</u></b>				
	<b><u>RECEPTION COUNTERS, COUNTER TOPS, ETC</u></b>				
2	Steel famed back to back computer workstation, 4500mm long x 600mm wide x 600mm deep with saligna or similar approved worktop, complete with C.P.U cages underneath fixed between steel frames and power skirting (elsewhere measured)	No	2		
3	Steel famed back to back computer workstation, 1300mm long x 600mm wide x 600mm deep with saligna or similar approved worktop, complete with C.P.U cages underneath fixed between steel frames and power skirting (elsewhere measured)	No	1		
4	Extra over C.P.U cages underneath computer workstations	No	11		
	<b>Carried Forward to Summary of Section No. 2</b>				R
	Section No. 2				
	Bill No. 3				
	Carpentry and Joinery				

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2 : BUILDING WORKS</u></b></p> <p><b><u>BILL NO. 4 : CEILINGS AND PARTITIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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><b><u>PARTITIONS, ETC</u></b></p> <p><u>90mm Thick partitions with 12.5mm thick gypsum board cladding on both sides</u></p>			
1	Partitioning 500mm high, installed on top of shopfront to close gap between shopfront and ceiling	m	30	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2 Bill No. 4 Ceilings and Partitions			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.5: IRONMONGERY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>Finishes</u></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p><b><u>LOCKS</u></b></p> <p><u>Manufactured by 'CISA'</u></p>			
1	Cylinder locks with "G96D" keyway, complete as per Architects specification and approval	No	6	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 5 Ironmongery			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>				R
	<b><u>HANDLES</u></b>				
	<u>Manufactured by 'Dorma'</u>				
2	Anodised aluminium pull handles with roses, fixed back-to-back, complete as per Architects specification and approval	Pairs	6.0		
	<b><u>SUNDRIES</u></b>				
3	Floor mounted door stopper, complete as per Architects specification and approval	No	6		
	<b>Carried Forward to Summary of Section No. 2</b>				R
	Section No. 2				
	Bill No. 5				
	Ironmongery				

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.6: METALWORK</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>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> <p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p><b><u>ALUMINIUM DOORS</u></b></p>			
	<b>Carried Forward</b>			R
	<p>Section No. 2 Bill No. 6 Metalwork</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>			R
	<u>Glazed aluminium framed panel door fixed to shopfronts, drywall, etc</u>			
1	Door size 900 x 2400mm high	No	5	
	<u>Natural glazed aluminium framed panel door fixed to brickwork</u>			
2	Door size 1170 x 1970mm high	No	1	
	<b><u>ALUMINIUM SHOPFRONTS</u></b>			
	<u>Natural anodized aluminium shopfronts, complete with subframes, ironmongery, glass, sealing, etc and fixing to brickwork or concrete</u>			
3	Shopfront size 3310 x 2400mm high	No	2	
4	Shopfront size 3420 x 2400mm high	No	1	
5	Shopfront size 6890 x 2400mm high	No	1	
6	Shopfront size 10462 x 2400mm high	No	1	
7	Shopfront size 2855 x 2100mm high	No	1	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 6			
	Metalwork			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES**  
**SWC - ADELAIDE TAMBO SPACE ALTERATIONS**  
**BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 2: BUILDING WORKS</u></b>			
	<b><u>BILL NO.7: FLOOR COVERINGS</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>Carpert flooring. PC Sum R300/m2</u></p>			
1	On floors	m2	185	
	<p><u>Interlocking vinyl tiles with approved adhesive, laid in accordance to manufacturers instructions. Colour: To be confirmed by Client. PC Sum R250/m2</u></p>			
2	On floors, including all necessary cutting and waste	m2	55	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 7			
	Floor Coverings			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES**  
**SWC - ADELAIDE TAMBO SPACE ALTERATIONS**  
**BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 2: BUILDING WORKS</u></b>			
	<b><u>BILL NO.8: ELECTRICAL WORK</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>POWER SKIRTINGS</u></b>			
1	Type N8/3 Power skirting with snap-on cover, fixed steel frames between computer workstations according to UJ electrical approval	m	15	
	<b><u>Extra over for</u></b>			
2	End cap	No	4	
3	Internal corner piece	No	2	
	<b><u>BUDGETARY ALLOWANCE</u></b>			
4	Allow for electrical installation, 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	10 000.00
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 8			
	Electrical Work			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.9: BUILDING WORKS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>Previously painted plastered surfaces</u></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><u>Previously painted metal surfaces</u></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</p> <p><u>Previously painted wood surfaces</u></p> <p>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</p> <p><b><u>PAINTWORK, ETC TO EXISTING WORK</u></b></p> <p><b><u>ON PLASTERBOARD SURFACES</u></b></p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 9 Paintwork</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>			R
	<u>Prepare, stop and apply two coats Plascon Wall and All emulsion paint for interior use (Colour : To be confirmed by Client)</u>			
1	On walls	m2	60	
	<b><u>PAINTWORK ETC TO NEW WORK</u></b>			
	<b><u>ON PLASTERBOARD SURFACES</u></b>			
	<u>Prepare, stop and apply two coats Plascon Wall and All emulsion paint for interior use (Colour : To be confirmed by Client)</u>			
2	On drywall partitions	m2	45	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 9			
	Paintwork			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 2: BUILDING WORKS</u></b></p> <p><b><u>BILL NO.10: PAPERHANGING</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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><b><u>PAPERHANGING</u></b></p> <p><u>Frosted vinyl film</u></p>			
1	To glazing	m2	75	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2 Bill No. 10 Paperhanging			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

**SECTION SUMMARY - SECTION 2: BUILDING WORKS**

Bill No		Page No	Amount
1	Alterations	6	
2	Masonry	8	
3	Carpentry and Joinery	10	
4	Ceilings and Partitions	11	
5	Ironmongery	13	
6	Metalwork	15	
7	Floor Coverings	16	
8	Electrical Work	17	
9	Paintwork	19	
10	Paperhanging	20	
	<b>Carried to Final Summary</b>		R
	Section No. 2		

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION 3 : PROVISIONAL SUMS</u></b></p> <p><b><u>BILL NO. 1 : PROVISIONAL SUMS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <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>General</u></p> <p>Work for which budgetary allowances are provided will be measured and valued in accordance with the relevant building agreement and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances</p> <p>Prime cost amounts and provisional sums are net. Prime cost amounts shall include for delivery to site of all articles concerned Provisional sums are for material and equipment supplied and installed complete by firms of specialists</p> <p><u>Profit</u></p> <p>Where stated, the contractor may allow for profit if required</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 3 Bill No. 1 Provisional Sums</p>			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

			R
<b>Brought Forward</b>			
<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>Access Control Installation</u>			
1 Provide the Sum of R 35 000.00 (Thirty Five Thousand Rand) for Access Control to be expended as the Agent/Representative may direct or deduct in whole or in part, if not required	Item		35 000.00
2 Profit		%	
3 Attendance		%	
<u>CCTV Installation</u>			
4 Provide the Sum of R 10 000.00 (Ten Thousand Rand) for CCTV to be expended as the Agent/Representative may direct or deduct in whole or in part, if not required	Item		10 000.00
5 Profit		%	
<b>Carried Forward</b>			R
Section No. 3 Bill No. 1 Provisional Sums			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

	<b>Brought Forward</b>		R	
6	Attendance		%	
	<u>Network Points</u>			
7	Provide the Sum of R 2 000.00 (Two Thousand) for Network Points to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		2 000.00
8	Profit		%	
9	Attendance		%	
	<u>WiFi</u>			
10	Provide the Sum of R 20 000.00 (Twenty Thousand) for WiFi to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		20 000.00
11	Profit		%	
12	Attendance		%	
	<u>HVAC Installation</u>			
13	Provide the Sum of R 30 000.00 (Thirty Thousand Rand) for HVAC installation to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		30 000.00
14	Profit		%	
15	Attendance		%	
	<u>AVU Installation</u>			
16	Provide the Sum of R 905 800.00 (Nine Hundred and Five Thousand Eight Hundred Rand) for AVU installation to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		905 800.00
17	Profit		%	
18	Attendance		%	
	<b>Carried Forward</b>		R	
	Section No. 3 Bill No. 1 Provisional Sums			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

			R	
	<b>Brought Forward</b>			
	<u>Soundproofing</u>			
19	Provide the Sum of R 60 000.00 (Sixty Thousand Rand) for Soundproofing to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		60 000.00
20	Profit		%	
21	Attendance		%	
	<u>Lectern</u>			
22	Provide the Sum of R 20 000.00 (Twenty Thousand Rand) for Lectern to be expanded as the Agent/Representative may deduct or direct in whole or part, if not required	Item		20 000.00
23	Profit		%	
24	Attendance		%	
	<b><u>BUDGETARY ALLOWANCE</u></b>			
	<u>Sundry Builders Work</u>			
25	Provide the Sum of R 20 000.00 (Twenty Thousand Rand) for sundry builder's work to be measured as the work proceeds and valued at Bill of Quantity rates	Item		20 000.00
	<u>Blinds Installation</u>			
26	Allow for blinds installation, 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		40 000.00
	<b>Carried to Final Summary</b>		R	
	Section No. 3			
	Bill No. 1			
	Provisional Sums			

**UNIVERSITY OF JOANNESBURG CENTRAL TECHNICAL SERVICES  
SWC - ADELAIDE TAMBO SPACE ALTERATIONS  
BILL OF QUANTITIES**

Section No		Page No	Amount
<b><u>FINAL SUMMARY</u></b>			
1	SECTION 1: PRELIMINARIES	2	
2	SECTION 2: BUILDING WORKS	21	
3	SECTION 3: PROVSIONAL SUMS	25	
	Sub Total		R
<b><u>CONTINGENCY</u></b>			
	Allow a contingency amount at 10% of the contract amount to be used as directed by the Principal Agent.	%	
	Sub-total		R
	Add: Value Added Tax (VAT)		R
	<b>Carried to Form of Tender</b>		R