

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No	Quantity	Rate	Amount
<b><u>SECTION 1: PRELIMINARIES AND GENERAL</u></b>			
<b><u>BILL NO. 1 : PRELIMINARIES</u></b>			
<b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b>			
<p>The JBCC Series 2000 Minor Works Agreement (March 2005 edition 4.1) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>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</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>			
<b><u>PREAMBLES FOR TRADES</u></b>			
<p>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</p>			
<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>			
<b><u>PRICING OF PRELIMINARIES</u></b>			
<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>			
<b><u>GENERAL</u></b>			
<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>			
SUMMARY OF CATEGORIES			
1 Category : Fixed R.....	Item		
2 Category : Value R.....	Item		
3 Category : Time R.....	Item		
<b>Carried to Final Summary</b>			
<p>Section No. 1  Bill No. 1  Preliminaries and General</p>		R	

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Item No	Quantity	Rate	Amount
<b><u>SECTION 2: PARKING AREA</u></b>			
<b><u>BILL NO.1: DEMOLITIONS</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>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>			
<b>Carried Forward</b>			R
Section No. 2 Bill No. 1 Demolitions			

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<b>Brought Forward</b>		<b>R</b>
<p><u>Removal of existing work</u></p> <p>Descriptions of "removing", or "carting away", of such material shall be deemed to include loading such material onto trucks directly from the works, or, alternatively, from stock piles situated on the site, and taking such material to a registered "dumping-site" that has been located off-site by the contractor for such disposal, or to an "alternative location", which latter is at the prerogative and sole risk of the contractor. The contractor is hereby deemed to be responsible for the choice of "dumping site" and/or aforesaid "alternative location" If a "dumping-site", or "alternative location" is foreclosed, or unavailable, for whatever reason, it is deemed to be the contractor's responsibility to timeously obtain a suitable replacement "dumping-site", or "alternative location", without additional cost to the employer.</p> <p>Contractor to make allowance in his budget for waste removal from site, equipment, licences, parking etc. that will be required for the duration of the works.</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little dust, mess and noise as possible and with a minimum of disturbance 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>Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc. Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc.</p> <p>Existing fence/barricade to remain intact and extreme care to be taken to ensure that it is not damaged during the demolition.</p>		
<b>Carried Forward</b>		<b>R</b>
<p>Section No. 2  Bill No. 1  Demolitions</p>		

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<b>Brought Forward</b>			R
<p>The cost for required way leaves, demolition and construction permits are deemed to be included in the demolition cost as priced in the items below.</p> <p>Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site.</p> <p><u>Carefully remove, setting aside for re-use and later refixing in similar new position</u></p>			
1	Remove 80mm thick brick paving with mortar joints on sand bedding	m2	635
2	Re-install 80mm thick brick paving with mortar joints on sand bedding	m2	635
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
3	Removing existing soil and dpm layer to prepare for new installation	m2	635
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 1			
Demolitions			

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Item No		Quantity	Rate	Amount
	<b><u>SECTION 2: PARKING AREA</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>			
	<b><u>WATERPROOFING TO BASEMENTS</u></b>			
	<p>Primer with one bitumen primer and two layer of 4mm "Torch-on" waterproofing system laid in accordance with manufacturers specification</p>			
1	On roof slabs to falls and currents	m2	635	
	<b>Carried Forward to Summary of Section No. 2</b>			R
	Section No. 2			
	Bill No. 2			
	Waterproofing			

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Item No	Quantity	Rate	Amount
<b><u>SECTION 2: PARKING AREA</u></b>			
<b><u>BILL NO.4: EXTERNAL WORKS</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>Nature of ground</u></p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p><u>Carting away of excavated material</u></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p> <p><u>Testing of material and filling</u></p> <p>Descriptions of earth filling, compaction, etc shall be deemed to include for all necessary testing required in accordance with the SABS 1200 series</p>			
<b><u>PAVING</u></b>			
<b>Carried Forward</b>			R
Section No. 2 Bill No. 4 External Works			



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SECTION SUMMARY - SEECTION 2: PARKING AREA		Page No		Amount	
Bill No					
1	Demolitions	5			
2	Waterproofing	6			
3	Plastering	7			
4	External Works	9			
Carried to Final Summary				R	
Section No. 2					

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Item No		Quantity	Rate	Amount
	<b><u>SECTION 3: GULLY</u></b>			
	<b><u>BILL NO.1: DEMOLITIONS</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>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>			
	<b>Carried Forward</b>		R	
	Section No. 3 Bill No. 1 Demolitions			

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<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Removal of existing work</u></p> <p>Descriptions of "removing", or "carting away", of such material shall be deemed to include loading such material onto trucks directly from the works, or, alternatively, from stock piles situated on the site, and taking such material to a registered "dumping-site" that has been located off-site by the contractor for such disposal, or to an "alternative location", which latter is at the prerogative and sole risk of the contractor. The contractor is hereby deemed to be responsible for the choice of "dumping site" and/or aforesaid "alternative location" If a "dumping-site", or "alternative location" is foreclosed, or unavailable, for whatever reason, it is deemed to be the contractor's responsibility to timeously obtain a suitable replacement "dumping-site", or "alternative location", without additional cost to the employer.</p> <p>Contractor to make allowance in his budget for waste removal from site, equipment, licences, parking etc. that will be required for the duration of the works.</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little dust, mess and noise as possible and with a minimum of disturbance 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>Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc. Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc.</p> <p>Existing fence/barricade to remain intact and extreme care to be taken to ensure that it is not damaged during the demolition.</p>		R	
<p style="text-align: center;"><b>Carried Forward</b></p> <p>Section No. 3  Bill No. 1  Demolitions</p>		R	

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<b>Brought Forward</b>			R
The cost for required way leaves, demolition and construction permits are deemed to be included in the demolition cost as priced in the items below.			
Unless otherwise described all materials are to become the property of the contractor and are to be removed from the site.			
<u>Carefully remove, setting aside for re-use and later refixing in similar new position</u>			
1	Remove concrete flagstones with mortar joints on sand bedding	m2	60
2	Re-install concrete flagstones with mortar joints on sand bedding	m2	60
<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
3	Removing existing soil and dpm layer to prepare for new installation	m2	60
<b>Carried Forward to Summary of Section No. 3</b>			R
Section No. 3			
Bill No. 1			
Demolitions			

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Item No		Quantity	Rate	Amount
	<b><u>SECTION 3: GULLY</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>			
	<b><u>WATERPROOFING TO BASEMENTS</u></b>			
	<u>4mm "Torch-on" waterproofing system laid in accordance with manufacturers specification</u>			
1	On roof slabs to falls and currents	m2	60	
	<b>Carried Forward to Summary of Section No. 3</b>			R
	Section No. 3			
	Bill No. 2			
	Waterproofing			

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SECTION SUMMARY - SECTION 3: GULLY		Page No	Amount	
Bill No				
1	Demolitions	13		
2	Waterproofing	14		
3	Plastering	15		
4	External Works	17		
Carried to Final Summary			R	
Section No. 3				

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Item No	Quantity	Rate	Amount
<b><u>SECTION 4: FLOWER BED</u></b>			
<b><u>BILL NO.1: EARTHWORKS</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>Nature of ground</u></p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be gravel, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p>			
<b>Carried Forward</b>			R
Section No. 4 Bill No. 1 Earthworks			

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	<p style="text-align: center;"><b>Brought Forward</b></p> <p>A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p><u>Carting away of excavated material</u></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p> <p><b><u>SITE CLEARANCE</u></b></p> <p><u>Site clearance</u></p> <p>1 Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth</p>		<p style="text-align: right;">R</p>	
1		m2	30	
	<p style="text-align: center;"><b>Carried Forward to Summary of Section No. 4</b></p> <p>Section No. 4  Bill No. 1  Earthworks</p>		<p style="text-align: right;">R</p>	

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Item No		Quantity	Rate	Amount
	<b><u>SECTION 4: FLOWER BED</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>			
	<b><u>WATERPROOFING TO BASEMENTS</u></b>			
	<u>4mm "Torch-on" waterproofing system laid in accordance with manufacturers specification</u>			
1	On roof slabs to falls and currents	m2	30	
	<b>Carried Forward to Summary of Section No. 4</b>			R
	Section No. 4			
	Bill No. 2			
	Waterproofing			

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Item No	Quantity	Rate	Amount
<b><u>SECTION 4: FLOWER BED</u></b>			
<b><u>BILL NO.4: PROVISIONAL SUMS</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>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
Section No. 4 Bill No. 4 Provisional Sums			

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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>			
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>			
<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>			
<p>1 Allow for flower bed, 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></p>	Item		50,000.00
<b>Carried Forward to Summary of Section No. 4</b>		R	
<p>Section No. 4  Bill No. 4  Provisional Sums</p>			



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SECTION SUMMARY - SECTION 4: FLOWER BED		Page No	Amount	
Bill No				
1	Earthworks	20		
2	Waterproofing	21		
3	Plastering	22		
4	Provisional Sums	24		
Carried to Final Summary			R	
Section No. 4				

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Item No	Quantity	Rate	Amount
<b><u>SECTION 5: EXTERNAL WALL</u></b>			
<b><u>BILL NO.1: EARTHWORKS</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>Nature of ground</u></p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be gravel, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p>			
<b>Carried Forward</b>			R
Section No. 5 Bill No. 1 Earthworks			

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<b>Brought Forward</b>			R
<p>A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p><u>Carting away of excavated material</u></p> <p>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site</p> <p><b><u>EXCAVATIONS ETC</u></b></p> <p><u>Excavation in earth exceeding 2m and not exceeding 4m deep</u></p>			
1	Reduced levels under floors	m3	60
<u>Extra over bulk excavations in earth for excavation in</u>			
2	Soft rock	m3	6
3	Hard rock	m3	3
<u>Extra over all excavations for carting away</u>			
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	60
<u>Keeping excavations free of water</u>			
5	Keeping excavations free of water other than subterranean water	Item	
<b><u>BUDGETARY ALLOWANCE</u></b>			
6	Allow for earthworks, 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. 5</b>			R
Section No. 5			
Bill No. 1			
Earthworks			

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**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 5: EXTERNAL WALL</u></b>			
	<b><u>BILL NO.2: WATERPROOFING</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>WATERPROOFING TO BASEMENTS</u></b>			
	<u>4mm "Torch-on" waterproofing system and 2mm slip sheet "Torch-On: protection layer, laid in accordance with manufacturers specification</u>			
1	On walls	m2	50	
	<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>			
	<u>Three coats "Dura Flex: cementitious waterproofing slurry as per manufacturers instructions</u>			
2	On walls	m2	50	
	<b>Carried Forward to Summary of Section No. 5</b>			
	Section No. 5			
	Bill No. 2			
	Waterproofing			
			R	

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No	Quantity	Rate	Amount
<b><u>SECTION 5: EXTERNAL WALL</u></b>			
<b><u>BILL NO.3: PAINTWORK</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>PREPARATORY WORK TO EXISTING WORK</u></b>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<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			
<b>Carried Forward</b>			R
Section No. 5 Bill No. 3 Paintwork			

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
UJ ON EMPIRE WATERPROOFING REPAIRS  
PROVISIONAL BILL OF QUANTITIES

Brought Forward				R
<b><u>PAINTWORK, ETC TO EXISTING WORK</u></b>				
<b><u>ON EXTERNAL FLOATED PLASTER SURFACES</u></b>				
<u>Prepare, stop and apply one coat of professional gypsum and plaster primer and apply two full coats of paint as per Architects specification</u>				
1	On walls	m2	50	
Carried Forward to Summary of Section No. 5				R
Section No. 5				
Bill No. 3				
Paintwork				

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**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 6: INTERNAL 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 (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>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
1	Hacking existing paint to receive finish	m2	360	
	<b>Carried Forward to Summary of Section No. 6</b>			R
	Section No. 6			
	Bill No. 1			
	Alterations			



**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No	Quantity	Rate	Amount
<b><u>SECTION 6: INTERNAL WALLS</u></b>			
<b><u>BILL NO.2: PAINTWORK</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>PREPARATORY WORK TO EXISTING WORK</u></b>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<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			
<b>Carried Forward</b>			R
Section No. 6 Bill No. 2 Paintwork			

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
UJ ON EMPIRE WATERPROOFING REPAIRS  
PROVISIONAL BILL OF QUANTITIES

Brought Forward				R
<b><u>PAINTWORK ETC TO NEW WORK</u></b>				
<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>				
1	On soffits	m2	360	
Carried Forward to Summary of Section No. 6				R
Section No. 6				
Bill No. 2				
Paintwork				

UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES  
UJ ON EMPIRE WATERPROOFING REPAIRS  
PROVISIONAL BILL OF QUANTITIES

SECTION SUMMARY - SECTION 6: INTERNAL WALL				
Bill No		Page No		Amount
1	Alterations	32		
2	Paintwork	34		
Section No. 6				
Carried to Final Summary			R	

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**UJ ON EMPIRE WATERPROOFING REPAIRS**  
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Item No		Quantity	Rate	Amount
	<b><u>SECTION 7: BALCONY'S</u></b>			
	<b><u>BILL NO.1: ALTERATIONS</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>REMOVAL OF EXISTING WORK</u></b>			
	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc</u>			
1	25mm Thick screed on floors	m2	295	
	<u>Carefully remove, setting aside for re-use and later re-fixing in similar new position</u>			
2	Remove 60mm thick brick paving with mortar joints on sand bedding	m2	295	
	<b><u>PREPARATORY WORK TO EXISTING SURFACES</u></b>			
	<u>Making good cement screeds</u>			
3	Removing existing soil and dpm layer to prepare for new installation	m2	295	
	<b><u>MAKING GOOD OF FINISHES ETC</u></b>			
	<b>Carried Forward</b>			R
	Section No. 7 Bill No. 1 Alterations			

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
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<b>Brought Forward</b>			R
	<u>Making good of all existing work</u>		
4	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	
	<u>Leave in good condition</u>		
5	The Contractor is to allow for leaving the existing building, in which the alterations are undertaken, clean and neat at completion	Item	
	<b><u>BUDGETARY ALLOWANCE</u></b>		
6	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	10,000.00
<b>Carried Forward to Summary of Section No. 7</b>			R
Section No. 7			
Bill No. 1			
Alterations			

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
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Item No		Quantity	Rate	Amount
	<b><u>SECTION 7: BALCONY'S</u></b>			
	<b><u>BILL NO.2: WATERPROOFING</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>WATERPROOFING TO BALCONY'S</u></b>			
	<u>4mm "Torch-on" waterproofing system and 2mm slip sheet "Torch-On: protection layer, laid in accordance with manufacturers specification</u>			
1	On flat floors/balconies with 300mm turnups	m2	295	
	<b><u>SEALING STRIPS, JOINT SEALANTS, ETC</u></b>			
	<u>Clear sealing compound to be used in accordance with client specifications and to UJ maintenance technical approval</u>			
2	On pavers	m2	295	
	<b>Carried Forward to Summary of Section No. 7</b>			
	Section No. 7			
	Bill No. 2			
	Waterproofing			
			R	

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 7: BALCONY'S</u></b>			
	<b><u>BILL NO.3: 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>SCREEDS</u></b>			
	<u>3:1 Screeds steel trowelled on concrete</u>			
1	50mm Thick concrete screed	m2	295	
	<b>Carried Forward to Summary of Section No. 7</b>			R
	Section No. 7			
	Bill No. 3			
	Plastering			

**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
**UJ ON EMPIRE WATERPROOFING REPAIRS**  
**PROVISIONAL BILL OF QUANTITIES**

Item No	Quantity	Rate	Amount
<b><u>SECTION 2: BUILDING WORKS</u></b>			
<b><u>BILL NO.4: PAINTWORK</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>PREPARATORY WORK TO EXISTING WORK</u></b>			
<u>Previously painted plastered surfaces</u>			
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			
<u>Previously painted metal surfaces</u>			
Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
<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			
<b>Carried Forward</b>		R	
Section No. 7 Bill No. 4 Paintwork			



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**UNIVERSITY OF JOHANNESBURG CENTRAL TECHNICAL SERVICES**  
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Item No		Quantity	Rate	Amount
	<b><u>SECTION 7: BALCONY'S</u></b>			
	<b><u>BILL NO. 5: EXTERNAL WORKS</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>PAVING</u></b>			
	<u>Topsoil supplied by the contractor including spreading and levelling</u>			
1	Under paving etc	m2	295	
	<u>60mm Interlocking concrete block paving to be epoxy grouted in accordance to client specification and to UJ technical maintenance approval.</u>			
2	Paving, to falls	m2	295	
	<b>Carried Forward to Summary of Section No. 7</b>			R
	Section No. 7			
	Bill No. 5			
	External Works			

**Carried to Final Summary**

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