

UNIVERSITY OF JOHANNESBURG
BILL OF QUANTITIES
JBS PARK WATERPROOF TO ROOFS

| Item No | | Quantity | Rate | Amount |
|------------|--|----------|------|--------|
| | <p><u>SECTION 1: PRELIMINARIES AND GENERAL</u></p> <p><u>BILL NO.1 : PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></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 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> <p><u>PREAMBLES FOR TRADES</u></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> | | | |
| | Carried Forward | | R | |
| | <p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries and General</p> | | | |

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| <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><u>PRICING OF PRELIMINARIES</u></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><u>GENERAL</u></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 10%.....</p> <p>2 Category : Value 15%.....</p> <p>3 Category : Time 75%.....</p> | | | |
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| Carried to Final Summary | | R | |
| <p>Section No. 1 Bill No. 1 Preliminaries and General</p> | | | |

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

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| <p style="text-align: right;">Brought Forward</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> | | R | |
| <p style="text-align: right;">Carried Forward</p> <p>Section No. 2 Bill No. 1 Alterations</p> | | R | |

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| <u>HOISTING, SCAFFOLDING, TEMPORARY PLATFORMS, ETC</u> | | | | |
| <u>The contractor shall include all hoisting of any necessary equipment and material required to execute the works as well as providing, maintaining and removing on completion any necessary scaffolding and temporary support work, required to execute the works</u> | | | | |
| 1 | Temporary scaffolding and /or support platforms including all hoisting equipment as necessary to complete the project | Item | | |
| <u>PREPARATORY WORK TO EXISTING SURFACES</u> | | | | |
| <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> | | | | |
| 2 | Hacking / raking out existing waterproofing on concrete roofs to receive new waterproofing and remove from site | m2 | 266 | |
| 3 | Hacking faces of existing existing bund walls, etc to receive plaster | m2 | 424 | |
| <u>MAKING GOOD OF FINISHES ETC</u> | | | | |
| <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 | | |
| Carried Forward | | | | R |
| Section No. 2 Bill No. 1 Alterations | | | | |

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| <u>BUDGETARY ALLOWANCE</u> | | | |
| 6 | Allow for unforeseen alterations, to be measured and priced in accordance with this Bill of Quantities and omitted in part or whole as instructed by Principal Agent | Item | 10 000.00 |
| Carried Forward to Summary of Section No. 2 | | R | |
| Section No. 2 | | | |
| Bill No. 1 | | | |
| Alterations | | | |

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| Item No | | Quantity | Rate | Amount |
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| | <u>SECTION 2: BUILDING WORKS</u> | | | |
| | <u>BILL NO.3: PLASTERING</u> | | | |
| | <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| | <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> | | | |
| | <u>EXTERNAL PLASTER</u> | | | |
| | <u>Cement plaster wood floated, on brickwork</u> | | | |
| 1 | On bund walls | m2 | 424 | |
| | <u>SCREEDS</u> | | | |
| | <u>3:1 Screeds steel trowelled on concrete</u> | | | |
| 2 | 50mm Thick concrete screed | m2 | 266 | |
| | Carried Forward to Summary of Section No. 2 | | | R |
| | Section No. 2 | | | |
| | Bill No. 3 | | | |
| | Plastering | | | |

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| Item No | Quantity | Rate | Amount |
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| <u>SECTION 2: BUILDING WORKS</u> | | | |
| <u>BILL NO.4: PAINTWORK</u> | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| <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> | | | |
| <u>PREPARATORY WORK TO EXISTING WORK</u> | | | |
| <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 | | | |
| Carried Forward | | | R |
| Section No. 2 Bill No. 4 Paintwork | | | |

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**Bill
No**

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| 1 | Alterations |
| 2 | Waterproofing |
| 3 | Plastering |
| 4 | Paintwork |

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Section No. 2

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| Item No | Quantity | Rate | Amount |
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| <u>SECTION NO. 3 : PROVISIONAL SUMS</u> | | | |
| <u>BILL NO. 1 : PROVISIONAL SUMS</u> | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| <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> | | | |
| Carried Forward | | | R |
| Section No. 3 Bill No. 1 Provisional Sums | | | |

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| <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> | | | |
| <u>BUDGETARY ALLOWANCE</u> | | | |
| 1 | Allow for the removal and reinstatement of mechanical equipment | Item | 150 000.00 |
| Carried to Final Summary | | | |
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| <p>Section No. 3 Bill No. 1 Provisional Sums</p> | | | |

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