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| Item No  | Quantity  | Rate | Amount |
|--|---|------|--------|
| <b>BILL NO. 2</b>  |   |      |        |
| <b><u>DEMOLITIONS AND ALTERATIONS</u></b>  |   |      |        |
| NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. |   |      |        |
| 1  | The alterations to the electrical and air conditioning reticulation installations shall be executed by selected sub-contractors (as elsewhere provided) and the Contractor shall be responsible for the co-ordination of such work with his own.  | Item |        |
| 2  | Prices for the demolition of any portion of the structure shall include for its demolition complete with all surface finishes such as plaster, screeds, etc., all attached items of joinery such as skirting, etc. and all reinforcement, conduit, pipes, lintels, etc. built into that portion of the structure and the removal from site thereof. | Item |        |
| 3  | Prices for the removal of doors and frames shall include for the removal of fanlights, ironmongery, architraves and other associated trim.  | Item |        |
| 4  | Prices for the removal of windows shall include for the removal of glass, louvres, etc. attached to the windows.  | Item |        |
| 5  | The Contractor is advised to take all dimensions affecting the existing building on the site as he will be held solely responsible for all new work being of the correct size.  | Item |        |
| <b>Carried to Collection</b>   |   |      | R      |
| Bill No. 2<br>Alteration   |   |      |        |

**JOHANNESBURG PROPERTY COMPANY**  
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**Cnr Fox & Madison Street**

|                              |  |      |   |  |
|------------------------------|--|------|---|--|
| 6                            | All sizes for building up or forming openings are net and the Contractor must allow in his prices for extra labour and material, cutting and bonding new to existing brickwork, building square jambs, building cavities solid and removing old sills as necessary, and for making good junction of new plaster with old including all extra patching to work disturbed beyond the net size of the openings, which are to be formed or built up. | Item |   |  |
| 7                            | All materials and workmanship in building up, making good etc., are to match existing and where new materials abut existing, they are to be neatly joined to same.   | Item |   |  |
| 8                            | The contractor is advised to visit the site to acquaint himself with the types of construction and finishes so that he may price "to match existing" items where called for.   | Item |   |  |
| 9                            | "Making good" existing work where disturbed or damaged shall mean the provision of the necessary new material to match existing and the necessary workmanship so that a complete and perfect restoration is achieved to the satisfaction of the Architect.   | Item |   |  |
| 10                           | "Making good" where abutting walls etc. are removed shall mean the provision of the necessary material and workmanship in filling the gaps to match surrounding finishes so that a complete and perfect surface, is obtained to the satisfaction of the Architect.   | Item |   |  |
| 11                           | The rates for "taking out", "taking down" of windows, doors etc., from brickwork to remain are to include for making good all work disturbed to match surrounding finishes.  | Item |   |  |
| 12                           | Contractor to allow for removal of rubble, accumulated rubbish on site.  | Item |   |  |
| <b>Carried to Collection</b> |  |      | R |  |
| Bill No. 2<br>Alteration     |  |      |   |  |

**MAKING GOOD OF FINISHES, ETC**

Treatment of existing painted and face brick walls

- 13 Existing face and painted walls to be power washed with high pressure water including soap. Contractor to ensure adequate drainage into stormwater and avoid flooding tenanted areas.

m2

2 285

**Carried to Collection**

Bill No. 2  
 Alteration

R

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Bill No. 2

Alteration

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**Carried to Summary**

R

Bill No. 2  
Alteration

| Item No  | Quantity | Rate | Amount |
|--|----------|------|--------|
| <b><u>BILL NO. 3</u></b>   |          |      |        |
| <b><u>ROOF COVERINGS</u></b>   |          |      |        |
| NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. |          |      |        |
| Where battens for roof coverings form part of the plate nailed timber roof truss design it shall be included under the roof construction in the "Carpentry and Joinery" trade and not under this trade                                 |          |      |        |
| <b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b>  |          |      |        |
| Carried to Collection  |          |      | R      |
| Bill No. 3<br>Roof Covering  |          |      |        |

|   |   |    |     |   |
|---|---|----|-----|---|
| <u>User note</u>  |   |    |     |   |
| <p>Profiled metal sheeting is available in various thicknesses</p> <p>Usually Z275 spelter galvanising is used in inland areas and Z600 spelter galvanising for coastal areas. However galvanised sheeting is generally not used in coastal areas</p> <p>When the pitch of trough roof covering is less than 5 degrees or if dustproofing is required then the description of roof coverings "with side laps sealed" is to be used</p> <p>Where roof coverings are fixed on top of rigid board insulation to purlins etc they are to be described as such</p> <p>Note that besides galvanised steel, sheeting is also available in corten steel, stainless steel, copper and aluminium</p> <p><u>0,5mm Z275 spelter galvanised corrugated sheet steel and accessories, fixed to timber purlins or rails</u></p> |   |    |     |   |
| 1   | Roof covering with pitches not exceeding 25 degrees                                     | m2 | 100 |   |
| 2   | Ridge cap 550 mm girth three times bent and notched on site to suit roof profile.       | m  | 10  |   |
| 3   | Headwall flashing 375 mm girth two times bent and notched on site to suit roof profile. | m  | 5   |   |
| 4   | Apex flashing 550 mm girth three times bent and notched on site to suit roof profile.   | m  | 5   |   |
| <b>Carried to Collection</b>  |   |    |     |   |
| Bill No. 3<br>Roof Covering   |   |    |     | R |

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Bill No. 3

Roof Covering

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**Amount**

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Bill No. 3  
Roof Covering



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| Item No |  | Quantity | Rate | Amount   |
|---------|--|----------|------|----------|
|         | <b><u>BILL NO. 5</u></b>   |          |      |          |
|         | <b><u>IRONMONGERY</u></b>  |          |      |          |
|         | NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities. |          |      |          |
|         | NOTE: Prices are to include for fixing ironmongery to softwood, hardwood or pressed metal door frames, etc.  |          |      |          |
|         | <b><u>Locks and furniture:</u></b>   |          |      |          |
| 1       | Supply (PC : R750) and installation of lockable soap dispenser.  | No       | 4    |          |
| 2       | Supply (PC : R300) and installation of mortice lock and furniture.   | No       | 6    |          |
| 3       | Supply (PC : R200) and installation of door handle.  | No       | 6    |          |
| 4       | Supply (PC : R450) and installation of WC indicator bolt.  | No       | 6    |          |
| 5       | Supply (PC : R50) and installation of door stop plugged and screwed to brickwork or concrete.  | No       | 6    |          |
|         | <b><u>PROVISIONAL SUM</u></b>  |          |      |          |
|         | <b><u>Allow the amount for adjustment of Mechanical engineering services to be used at the discretion of the principal agent and deducted in whole or in part if not required:</u></b>   |          |      |          |
| 6       | Allow R6000 for blinds to offices  | Item     |      | 6 000.00 |
| 7       | Profit & Attendance for above  | Item     |      |          |
|         | <b>Carried to Summary</b>  |          |      |          |
|         | Bill No. 5<br>Ironmongery  |          | R    |          |

| Item No  | Quantity | Rate | Amount |
|--|----------|------|--------|
| <b><u>BILL NO. 6</u></b>   |          |      |        |
| <b><u>METALWORK</u></b>  |          |      |        |
| NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.   |          |      |        |
| Descriptions of bolts shall be deemed to include nuts and washers  |          |      |        |
| Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete  |          |      |        |
| Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.  |          |      |        |
| <b><u>WELDED STEEL GATES, SCREENS, ETC.</u></b>  |          |      |        |
| <u>Screens and gates to walls finished with red oxide primer</u>   |          |      |        |
| 1  | No       | 1    |        |
| Single gate size 811 x 2032mm high formed of 50 x 50 x 3mm square mild steel hollow section and 100 x 50 x 3mm steel rectangular hollow section horizontal middle rail as gate with 7 x 12mm diameter rounds welded to gate at equal centres with 80 x 40 x 3mm mild steel hollow section as frame bolted to masonry wall. |          |      |        |
| <b><u>Servicing of existing metal gate :</u></b>   |          |      |        |
| 2  | No       | 5    |        |
| Service existing steel gates including installation of new lock sets.  |          |      |        |
| <b>Carried to Summary</b>  |          |      | R      |
| Bill No. 6<br>Metalwork  |          |      |        |

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| Item No |  | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
|         | <b><u>BILL NO. 8</u></b>   |          |      |        |
|         | <b><u>PLUMBING AND DRAINAGE</u></b>  |          |      |        |
|         | <p>NOTE:</p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.</p> <p>All rates supplied in this Bill of Quantities will be deemed to include scaffolding to any height and fixing of cold and hot water pipes up to and including roof height. All pipes suspended from concrete slabs, roof, ceiling, etc. shall be deemed to include in the rates, all necessary hanger brackets, threaded rod (irrespective of the suspension length), nuts, washers, anchors and drilling of holes in the concrete slab. For the complete supply, delivery and installation of supply piping, as specified, piping to include piping between geysers on roof. All cold and hot water pipes are to be chased into walls except where pipes are to be surface-mounted on wall face or run in ceiling voids or inside ducts, and fixed with standard type pipe saddlers and brackets at 1000mm maximum.</p> <p>These bills of quantities form part of and must be read in conjunction with the Technical Specifications and Drawings, which contain the full descriptions of the work to be done and material and equipment to be used. Unless otherwise described in these bills of quantities, reference should be made to the Technical Specifications for the full meaning of descriptions of work to be done and materials and equipment to be used in this service. All materials, equipment, fixings, brackets, etc, are to be supplied by the Contractor unless otherwise stated.</p> |          |      |        |
|         | <b>Carried to Collection</b>   |          | R    |        |
|         | Bill No. 8<br>Plumbing and Drainage  |          |      |        |

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**RAINWATER DISPOSAL**

**"Watertite" aluminium**

1 150 x 140mm Gutters including snow straps at 500mm centre

m

10

**Extra For**

2 Stop end

No

2

3 100 x 100mm Rainwater pipes in continuous lengths

m

13

4 Rainwater shoe

No

4

**PROVISIONAL SUM**

**Allow the amount for adjustment of Mechanical engineering services to be used at the discretion of the principal agent and deducted in whole or in part if not required:**

5 Locate shutoff valve to underground toilets to be and install proper valve box and repair paving.

Item

25 000.00

6 Profit & Attendance for above

Item

**Carried to Collection**

R

Bill No. 8  
 Plumbing and Drainage

**JOHANNESBURG PROPERTY COMPANY**  
**Jeppe Market**  
**Cnr Fox & Madison Street**

Bill No. 8

Plumbing and Drainage

**COLLECTION**

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Bill No. 8  
 Plumbing and Drainage

[illegible]



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Supply and install conduit boxes complete with all accessories including conduit terminations

|   |   |    |     |
|---|---|----|-----|
| 6 | 60mm round, 25mm deep for 20mm PVC conduit mounted flush in wall or fixed to surface        | No | 2   |
| 7 | 60mm round, 25mm deep for 20mm Galvanised conduit mounted flush in wall or fixed to surface | No | 1   |
| 8 | 100 x 50 x 50mm steel conduit box excluding covers  | No | 0.5 |
| 9 | 100 x 100 x 50mm steel conduit box excluding covers   | No | 1   |

**WIRING AND CONDUCTORS**

Supply and install PVC insulated copper conductors in required colours, drawn into conduit or trunking:

|    |  |    |     |
|----|--|----|-----|
| 10 | 2.5mm <sup>2</sup> Insulated Wire              | m  | 180 |
| 11 | 1.5mm <sup>2</sup> B.C.E.W.                    | m  | 180 |
| 12 | 4mm <sup>2</sup> Insulated Wire                | m  | 160 |
| 13 | 2.5mm <sup>2</sup> B.C.E.W.                    | m  | 80  |
| 14 | 4mm <sup>2</sup> Insulated Wire                | m  | 40  |
| 15 | 2.5mm <sup>2</sup> Insulated earth wire        | m  | 40  |
| 16 | 2.5mm <sup>2</sup> Twin & E cable              | m  | 80  |
| 17 | 2.5mm <sup>2</sup> Twin & E cable terminations | No | 6   |
| 18 | 4mm <sup>2</sup> Twin & E cable                | m  | 20  |
| 19 | 4mm <sup>2</sup> Twin & E cable terminations   | No | 7   |

**LIGHT SWITCHES**

**Carried to Collection**

Bill No. 9  
Electrical Installation

R

[illegible]

[illegible]

**JOHANNESBURG PROPERTY COMPANY**  
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Bill No. 9

Electrical Installation

**COLLECTION**

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Bill No. 9

Electrical Installation

[illegible]

| Item No  | Quantity | Rate | Amount |
|--|----------|------|--------|
| <b><u>BILL NO. 11</u></b>  |          |      |        |
| <b><u>PAINTWORK</u></b>  |          |      |        |
| <u>User note</u>   |          |      |        |
| NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.   |          |      |        |
| The following finishes, including primers and subsequent coats are to be those manufactured by "Plascon Paints" and of the highest type and quality specified.   |          |      |        |
| Plascon new work painting specification document to be applied when pricing work accordingly.  |          |      |        |
| Attention is drawn to the measurement rules in the measuring system regarding paint colours which read as follows:<br>"4. Paintwork shall be classified in the different colour groups "White", "Pastel", "Deep" and "Transparent" (in accordance with the Natural Colour System (NCS) adopted by the SA National Standards)" and<br>"5. Paintwork in one colour group may be given as extra over paintwork in another colour group" |          |      |        |
| <b><u>PAINTWORK TO PREVIOUSLY PAINTED SURFACES</u></b>   |          |      |        |
| <b><u>SUPPLEMENTARY PREAMBLES</u></b>  |          |      |        |
| <b><u>PREPARATORY WORK TO EXISTING WORK</u></b>  |          |      |        |
| Carried to Collection  |          | R    |        |
| Bill No. 11<br>Paintwork   |          |      |        |

**Previously painted plastered surfaces**

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

**Previously painted metal surfaces**

Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal

**Previously painted wood surfaces**

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

**COLOURS**

Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards

**ON FLOATED PLASTER**

**Carried to Collection**

Bill No. 11  
 Paintwork

R

[illegible]



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**JOHANNESBURG PROPERTY COMPANY**  
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Bill No. 11

Paintwork

**COLLECTION**

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**Carried to Summary**

R

Bill No. 11  
Paintwork

| Item No |  | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
|         | <b><u>BILL NO. 12</u></b>  |          |      |        |
|         | <b><u>EXTERNAL WORKS</u></b>   |          |      |        |
|         | NOTE:<br>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades – (2017 Edition), and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.   |          |      |        |
|         | <b><u>CONCRETE BLOCK PAVING ETC</u></b>  |          |      |        |
|         | <b><u>Take up and remove from site existing precast concrete etc.:</u></b>   |          |      |        |
| 1       | 60mm Interlocking paving blocks .  | m2       | 150  |        |
|         | <b><u>Remove and set-aside existing concrete paving blocks (re-instate elsewhere measured)</u></b>   |          |      |        |
| 2       | 60 mm Interlocking concrete paving blocks  | m2       | 50   |        |
|         | <b><u>Re-lay existing concrete paving blocks shall comply with the requirements of SABS 1058 - 1985 Specifications</u></b>   |          |      |        |
| 3       | Re-lay existing 60 mm Interlocking concrete paving blocks (Type SA-A, Ref UTG 2) or similar approved, light grey coloured laid to falls on and including a new 20 mm bed of washed river sand, application of weed killer, sand filling to joints, compacting and all necessary edge blocks. | m2       | 50   |        |
|         | <b>Carried to Collection</b>   |          |      |        |
|         | Bill No. 12<br>External Works  |          |      |        |
|         |  |          | R    |        |

**Filling under floors, steps, paving, etc.**

- 4 Suitable imported filling material (G7) laid under paving in maximum 150 mm thick layers and compacted to 97% modified AASHTO density at optimum moisture content.

m3

40

**Compaction of surfaces**

- 5 Rip up, scarify and re-compact earth surface 150 mm deep to 95% modified AASHTO density at optimum moisture content.

m2

200

**Concrete paving blocks shall comply with the requirements SANS1058:2012 edition specifications (Paving to be inspected and re-sand grouted after three months)**

- 6 60 mm Interlocking concrete paving blocks (Type SA-A, Ref UTG 2) or similar approved, charcoal grey coloured laid to falls in accordance with SANS 1200 MJ and CMA Concrete block manual on and including a 25 mm bed of washed river sand, application of weed killer, sand filling to joints, compacting and all necessary edge blocks.

m2

150

**Treatment of existing paving blocks**

- 7 Existing paving blocks to be power washed with high pressure water. Contractor to ensure adequate drainage into stormwater and avoid flooding tenanted areas.

m2

3 478

**FENCING**

**Carried to Collection**

R

Bill No. 12  
External Works

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Bill No. 12  
 External Works

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Bill No. 12  
 External Works

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| 10             | Glazing  | 54             |               |
| 11             | Paintwork  | 59             |               |
| 12             | External Works   | 63             |               |
|                | Sub Total  |                | R             |
|                | <b><u>Contingency</u></b>  |                |               |
|                | Allow for 10% contingencies to be spent as directed by the Principal Agent and deducted in whole or in part as required. | Item           |               |
|                | Sub Total  |                | R             |
|                | ADD : V.A.T. at the rate of 15%  |                | R             |
|                |  |                |               |
|                |  |                |               |
|                | <b>Carried to Form of Tender</b>   |                | R             |
|                |  |                |               |