

| Item No | | Quantity | Rate | Amount |
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| | <p><u>SECTION 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>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 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><u>PREAMBLES FOR TRADES</u></p> <p>The General Preambles for Trades 2017 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 General Preambles will be entertained</p> <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>Section No. 1 Bill No. 1 Preliminaries APB Hospital flats fire damage repairs University of Johannesburg</p> | | | |
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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

PRICING OF PRELIMINARIES

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)

GENERAL

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.

SUMMARY OF CATEGORIES

1 Category : Fixed R.....

Item

2 Category : Value R.....

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3 Category : Time R.....

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Preliminaries

**APB Hospital flats fire damage repairs
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Section No. 1

Bill No. 1

Preliminaries

**APB Hospital flats fire damage repairs
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Demolitions and Works on Site

All demolitions and works on site must be carried out carefully and in the safest possible manner and the Contractor is to make a thorough examination and take all necessary precautions before proceeding with the work. The utmost care is to be observed to avoid any structural or other damage in the remaining portions of the existing building

Special care is to be exercised not to interfere with any electrical installation, and notice is to be given to the Representative/Agent when any disconnections, removal of wires, etc. necessary and the Contractor is to afford every facility to the workmen carrying out his work

The Contractor shall not remove or interfere with any furniture, fittings or similar articles unless specially mentioned in the following items and shall give adequate notice to the Representative/Agent of the removal of any articles from parts of the building are to be altered becomes necessary so that the Employer may have same removed before the Contractor commences work in such parts

The Contractor will be held solely responsible for any damage to persons and property and for the safety of the structures and must make good at his expense any damage that may occur

Old materials to become property of the contractor

Old materials from alterations except where described to be re-used or handed over, become the property of the contractor

Old materials to be carted away

Old materials from alterations except where described as re-used or handed over, as well as all rubbish, etc. must be regularly carted from the site and not be allowed to accumulate on or around the site.

Old materials to be re-used

None of the old materials are to be used for new work except where specifically described as being set aside for re-use.

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Handing over of materials

Where certain materials or articles from demolitions or alterations are described as to be handed over by the contractor to the Department's Representative or Representative/Agent such materials or articles shall be properly stored by the contractor until handing over thereof. The contractor must obtain an official receipt listing the materials or articles and dates of handover. If the contractor fails to submit the receipt when requested to do so it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Department for the full replacement value thereof which amount will be deducted from any monies due to the contractor.

General

The contractor shall carry out the whole works with as little mess and noise as possible and with a minimum of disturbance to the occupants of the building. The contractor 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 Project Manager

Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent

Doors, fanlights, fittings, frames, linings, etc. which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, 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

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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. and making good floor and wall finishes to match existing

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

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

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.)

REMOVAL OF EXISTING WORK

Taking out and removing doors, windows, etc. including thresholds, cills, etc:

| | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|----|---|
| 1 | Timber single door and steel and timber frame not exceeding 2,5m ² | No | 5 |
| <u>Taking out doors, windows, including thresholds, sills, etc, including making good finishes on reveals (New windows measured elsewhere).</u> | | | |
| 2 | Glazed steel window 3020 x 580mm high | No | 1 |
| 3 | Ditto but size 1450 x 610mm high ditto | No | 1 |
| 4 | Ditto but size 2120 x 610mm high ditto | No | 1 |
| 5 | Ditto but size 6280 x 610mm high ditto | No | 1 |
| 6 | Ditto but size 860 x 600mm high ditto | No | 1 |

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| 7 | Ditto but size 1300 x 940mm high ditto | No | 1 |
| 8 | Ditto but size 1940 x 940mm high ditto | No | 4 |
| <u>Taking out and removing steel structures, gates, etc.</u> | | | |
| 9 | Burglar door size 813 x2060mm high | No | 1 |
| 10 | Remove existing steel structure awning size 12 950x 5100mm to be replaced with new structure. (New structure measured elsewhere) | | Item |
| <u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc:</u> | | | |
| 11 | Drywall partitioning 2430 mm high including doors, ironmongery, glazed borrowed lights, etc. | m | 9 |
| 12 | Ditto but 2780mm high ditto | m | 19 |
| <u>Taking up and removing vinyl floor coverings, carpeting, etc:</u> | | | |
| 13 | Carpet tile floor covering including preparing screed for new carpet, vinyl sheeting or tile etc. (new floor finish elsewhere) | m2 | 112 |
| <u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes:(Screed and floor finishes measured elsewhere)</u> | | | |
| 14 | Tiles on floors | m2 | 66 |
| <u>Taking out and removing sundry joinery work, joinery fittings, etc:</u> | | | |
| 15 | Timber skirtings | m | 42 |
| <u>Hacking up/off and removing screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screed, plaster, tile finishes, etc:(Wall finish measured elsewhere)</u> | | | |
| 16 | Internal plaster from walls and columns | m2 | 24 |
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GENERAL REPAIRWORK**Repairwork to existing brick walls:**

| | | | |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|
| 17 | Waterjetting surfaces of existing facebrick walls with high pressure low-volume water jetting lance to remove all dirt, brushing down and washing to remove surface contamination, mould, fungus, damp and treating with two coats of antifungal wash and leaving perfectly clean on completion | m2 | 53 |
|----|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----|----|

Removal of existing pinning boards and replacing with new

| | | | |
|----|------------------------------|----|---|
| 18 | 1000 x 1000mm Pinning Boards | No | 1 |
|----|------------------------------|----|---|

ADDITIONAL ALTERATIONS**Removal of existing works**

| | | | |
|----|------------------------------------------------------------------------------------------------------|------|--|
| 19 | Budgetary allowance of Three Thousand Rand for removal of existing air-conditioning split units 2No. | Item | |
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| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 2</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>PREAMBLES</u></p> <p>The General 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 General Preambles will be entertained</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said General Preambles</p> <p><u>PREFABRICATED ROOF TRUSSES, ETC.</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> <p>All exposed timber to be treated with preservative to combat fungus as perscribed by the Forestry Act 1968 (Act 72 of 1968).</p> <p><u>Particle board:</u></p> <p>Particle board shall comply with the following specifications: a) SABS 1300 Particle board: exterior and flooring type 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>Unless otherwise specified all exposed timber to be planed and sanded smooth and to be in selected hardwood meranti, internal timber ceilings can be SA Pine.</p> | | | |
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| <p>Section No. 2</p> <p>Bill No. 2</p> <p>Carpentry and Joinery</p> <p>APB Hospital flats fire damage repairs</p> <p>University of Johannesburg</p> | | | |

Fixing:

Items described as nailed shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.

Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes.

All sections of timber to be built into brickwork or concrete to be wrapped in Gunplas and the cost is deemed to be included in the relevant item.

Sealants, etc.

Tenders should include silicone sealant between skirting and finished surfaces of walls and floors in their price

SKIRTINGS**Wrought meranti:**

| | | | |
|---|-------------------------|---|----|
| 1 | 19 x 70mm High skirting | m | 61 |
|---|-------------------------|---|----|

DOORS

Semi-solid core panel door with 10mm hardwood edges and veneer on both sides suitable for painting, hung to existing steel frame

| | | | |
|---|----------------------------------|----|---|
| 2 | 44mm Door size 813 x 2032mm high | No | 4 |
|---|----------------------------------|----|---|

Solid timber door with 10mm hardwood edges and veneer on both sides suitable for painting, hung to timber frame

| | | | |
|---|----------------------------------|----|---|
| 3 | 44mm Door size 813 x 2032mm high | No | 1 |
|---|----------------------------------|----|---|

FRAMED FRAMES, ETC.**Timber:**

75 x 100mm Timber door frame fixed to brickwork:

| | | | |
|---|-----------------------------------------|----|---|
| 4 | Timber door frame size 813 x2060mm high | No | 1 |
|---|-----------------------------------------|----|---|

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Carpentry and Joinery

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Carpentry and Joinery

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| <p><u>SECTION 2</u></p> <p><u>BILL NO 3</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The General 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 General Preambles will be entertained</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said General Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing:</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given separately elsewhere</p> <p><u>Openings:</u></p> <p>Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc are to include for any necessary additional support, trimming around, etc</p> | | | |
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Steel components:

All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121

PARTITIONS, ETC

FIXED PARTITIONS

SUPPLEMENTARY PREAMBLES

Unless otherwise described, rates for partitions shall be deemed to include for standard flat section aluminium skirtings on both sides

Wall paper and/or paint and varnish finishes are given elsewhere

'Rhino-Drywall' partitions shall comprise 63.5mm top and bottom galvanised steel tracks with 63.5mm galvanised steel vertical studs at maximum 600mm centres, friction fitted or pop-riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with wall board screwed to studding with "Drywall" screws at maximum 220mm centres. Boards shall be butt jointed and finished with "Rhino"tape and "Readymix D"jointing compound all in accordance with the manufacturer's instruction, complete with flat section aluminium skirtings. Intersections and abutments are measured separately and the description shall be deemed to include any additional studs, corner beads, jointing compound. (Wall paint measured elsewhere)

"Rhino-DrywallSystem" steel stud partitioning with one layer 12.5mm "RhinoWallboard" on both sides

| | | | |
|---|-----------------------------------------------------------------------------------------|----|----|
| 1 | Partition 2430mm high with bottom and top tracks plugged (Aluminium skirting elsewhere) | m | 9 |
| 2 | Ditto but 2780mm high | m | 19 |
| 3 | Extra over partition 2430mm high for vertical abutment | No | 5 |

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Ceilings, partitions and access flooring

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| | | | |
|---|------------------------------------------------------------------------------------------------------------|----|----|
| 4 | Ditto but 2780mm high | m | 5 |
| 5 | Form opening for door and frame 813 x 2032mm high | No | 4 |
| | <u>Supply and install 40mm semi-solid panel doors and aluminium frame to drywall partition, etc</u> | | |
| 6 | Door 813 x 2032mm high including aluminium frame | No | 4 |
| | <u>ALUMINIUM SKIRTING, ETC</u> | | |
| | <u>Aluminium skirting</u> | | |
| 7 | Aluminium skirting plugged to drywall to client approval | m | 28 |

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| | <p><u>SECTION 2</u></p> <p><u>BILL NO 5</u></p> <p><u>IRONMONGERY</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p>The General 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 General Preambles will be entertained</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said General Preambles</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Proprietary items:</u></p> <p>Where applicable, the manufacturers' names or product catalogue titles are given in sub-headings preceding the items</p> <p>Prices are to be based on the specific products/articles specified. Should tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures, etc clarifying the features of the products/articles offered</p> <p>On request, returnable samples are to be provided to the Principal Agent for consideration</p> <p><u>Locks:</u></p> <p>Notwithstanding Clause 2, Item 3 of the "Ironmongery" trade of the "Standard System of Measuring Building Work, Seventh Edition", descriptions of locks shall be deemed to include two keys per lock</p> <p>Section No. 2 Bill No. 5 Ironmongery APB Hospital flats fire damage repairs University of Johannesburg</p> | | | |
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Finishes to ironmongery:

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
AN Anodised natural
AS Anodised silver
AB Anodised bronze
AG Anodised gold
ABL Anodised black
PB Polished brass
PL Polished and lacquered
PT Epoxy coated
SD Sanded
BBS Brushed stainless steel

LOCKS**"CISA" or similar approved**

| | | | |
|---|-----------------------------------------------------------|----|---|
| 1 | Union Gower lockset Euro with cylinder CH and G96D keyway | No | 9 |
|---|-----------------------------------------------------------|----|---|

SUNDRIES**"Dejay" or similar approved:**

| | | | |
|---|--------------------------------|----|---|
| 2 | "Ref. A676" door stop, plugged | No | 9 |
|---|--------------------------------|----|---|

**PINNING BOARDS, WRITING BOARDS,
PROJECTION SCREENS, ETC****"Parrot" or similar approved:**

| | | | |
|---|-----------------------------------------------------|----|---|
| 3 | Bulletin board ribbed Aluminium frame 1000 x 1000mm | No | 1 |
|---|-----------------------------------------------------|----|---|

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Ironmongery

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Ironmongery

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Welded galvanized mild steel screens, gates, etc:

- 8 Single gate size 813 x 2060mm high, formed of 19 x 50mm flat section frame and 10 x 50mm vertical intermediate members at approximately 136mm centres, 10 x 50mm horizontal member fixed at padlock position (to be advised) and including two in number 19 x 50mm hinges with 10mm pin eyes welded to frame and fixed to wall with two in number 12mm diameter rawl bolts, including lockable sliding bolt with 19 x 50mm padlock plate welded to gate, and top section barrier fixed to wall with 50 x 5mm brackets fixed with 12mm diameter rawl bolts, complete

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Metalwork

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Metalwork

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| <u>BILL NO. 7</u> | | | |
| <u>PLASTERING</u> | | | |
| <u>PREAMBLES</u> | | | |
| <p>The General 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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> | | | |
| <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| <u>Preparation of surfaces</u> | | | |
| <p>Surfaces shall be dry and clean, free of dust, sand, grit and flaking particles, laitance and loose matter, contaminants such as oil, grease, etc. Surfaces shall have a moisture content not exceeding 4%. All free standing water to be removed prior to application of primers or compounds. Absorbent surfaces to be thoroughly pre-soaked in fresh water. Oil, grease, animal fats, etc. to be removed with suitable 'Ivory Chemicals' product to be applied in strict accordance with the manufacturer's instructions. Once clean, surfaces to be profiled mechanically (scabbling, blasting, scarifying, chipping or grinding) or by means of acid etching, one part 'Ivory Concrete Etchant' thinned with two parts water applied at the rate of 2m²/1 litre in strict accordance with the manufacturer's instructions.</p> | | | |
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Generally substrate surfaces to have good wood float, steel trowel or power floated finish conforming in evenness and level to required tolerance with minimum compressive strength of 20MPa or above 25 N/mm² compressive strength. Screeded surfaces to be minimum 30mm thick.

Expansion joints in Granolithic screed finish to be approved polysulphide sealant, laid at 5m² apart in strict accordance with manufacturer's specifications.

SCREEDS

Screed on concrete:

| | | | |
|---|-----------------------------------|----|-----|
| 1 | 25mm Thick on floors and landings | m2 | 171 |
|---|-----------------------------------|----|-----|

INTERNAL PLASTER

Cement plaster on brickwork:

| | | | |
|---|----------|----|----|
| 2 | On walls | m2 | 24 |
|---|----------|----|----|

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| | <u>BILL NO. 8</u> | | | | |
| | <u>TILING</u> | | | | |
| | <u>PREAMBLES</u> | | | | |
| | <p>The General 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 General Preambles will be entertained</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said General Preambles</p> | | | | |
| | <u>SUPPLEMENTARY PREAMBLES</u> | | | | |
| | <u>Descriptions</u> | | | | |
| | <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>-----</p> | | | | |
| | <u>FLOOR TILING</u> | | | | |
| | <p><u>500 x 500 x 8mm Unpolished porcelain floor tiles (Allow a Prime Cost Amount of R311/m2 delivered to site) fixed with adhesive to screed (screed elsewhere) and flush pointing with and including tinted grout:</u></p> | | | | |
| 1 | On floors and landings | m2 | 66 | | |
| 2 | Skirting 100mm high | m | 48 | | |
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| | Tiling | | | | |
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| | <p><u>SECTION 2</u></p> <p><u>BILL NO 9</u></p> <p><u>PLUMBING AND DRAINAGE</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <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> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said Model Preambles</p> <p>-----</p> <p><u>FIRE APPLIANCES, ETC</u></p> | | | |
| 1 | 4,5kg "Chubb" or similar approved dry chemical powder fire extinguisher including backing board | No | 1 | |
| | <p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2</p> <p>Bill No. 9</p> <p>Plumbing and drainage</p> <p>APB Hospital flats fire damage repairs</p> <p>University of Johannesburg</p> | | | |
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| | <u>SECTION NO. 2</u> | | | |
| | <u>BILL NO. 11</u> | | | |
| | <u>PAINTWORK</u> | | | |
| | <u>PREAMBLES</u> | | | |
| | <p>The General 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 General Preambles will be entertained</p> <p>The following "Supplementary Preambles" are incorporated in this bill to satisfy the requirements of the project and shall take precedence over the provisions of the said General Preambles</p> | | | |
| | <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| | <u>Previously painted brick walls:</u> | | | |
| | <p>Where hairline cracks are evident, fill in cracks with suitable filler. After the filler has been applied and dried, sand over lightly to smooth before painting.</p> <p>Where applicable, open up deeper cracks in a 'V' formation, remove residue, seal and fill cracks.</p> <p>Where applicable, open up deeper cracks in a 'V' formation, remove residue, seal and fill cracks.</p> | | | |
| | <u>Previously painted surfaces:</u> | | | |
| | <u>Previously painted plastered surfaces:</u> | | | |
| | <p>Surfaces shall be thoroughly washed down to remove dirt and other contaminants 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, sanded smooth and the surface coated with an approved primer</p> | | | |
| | <p>Section No. 2 Bill No. 11 Paintwork APB Hospital flats fire damage repairs University of Johannesburg</p> | | R | |

Previously painted plaster board:

Wash down ceilings and other plaster board surfaces with sugar soap and rinse well before painting

Previously painted metal surfaces:

Surfaces shall be thoroughly rubbed and cleaned down to remove dirt and other contaminants and sanded lightly to provide a key for subsequent coats. Blistered or peeling paint shall be completely removed down to bare metal and any rust encountered shall be removed. Surfaces shall be coated with an approved primer

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 a suitable filler and sanded smooth

Colours

Unless otherwise described all paintwork shall be deemed to have a colour value in excess of 7 on the Munsell system in accordance with SANS 1091

PAINTWORK, ETC. TO NEW WORK

ON FLOATED PLASTER

One coat alkali resistant plaster primer and two coats" wall and all" emulsion paint:

| | | | |
|---|-------------------|----|----|
| 1 | On interior walls | m2 | 24 |
|---|-------------------|----|----|

ON PLASTER BOARD

Apply one coat primer two coats "wall and all" emulsion paint

| | | | |
|---|---------------|----|----|
| 2 | On partitions | m2 | 68 |
|---|---------------|----|----|

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Paintwork

**APB Hospital flats fire damage repairs
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ON METAL

Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and prime with one coat primer and two coats polyurethane enamel paint on steel:

| | | | |
|---|------------------------------|----|----|
| 3 | On Windows with burglar bars | m2 | 52 |
| 4 | Buglar bars on doors | m2 | 4 |

ON WOOD

One undercoat and two coats polyurethane enamel paint:

| | | | |
|---|---------------|----|----|
| 5 | On doors | m2 | 30 |
| 6 | On door frame | m2 | 1 |

STAINS, VARNISHES, ETC TO NEW WOODWORK

Three coats superior quality clear gloss varnish, on:

| | | | |
|---|-------------------------------------------|----|----|
| 7 | Doors | m2 | 26 |
| 8 | Timber skirting not exceeding 300mm girth | m | 61 |

PAINTWORK, ETC. TO PREVIOUSLY PAINTED SURFACES**ON FLOATED PLASTER**

Clean all smoke residue and apply One coat alkali resistant primer and two coats "wall and all" emulsion paint for interior use, on:

| | | | |
|---|-------------------|----|-----|
| 9 | On interior walls | m2 | 165 |
|---|-------------------|----|-----|

One coat alkali resistant primer and two coats "wall and all" emulsion paint for interior use, on:

| | | | |
|----|-------------------|----|----|
| 10 | On interior walls | m2 | 29 |
|----|-------------------|----|----|

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Paintwork

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ON SMOOTH CONCRETE

Clean all smoke residue and apply One coat alkali resistant primer and two coats "wall and all" emulsion paint for interior use, on:

| | | | |
|----|-----------------------|----|-----|
| 11 | On ceilings and beams | m2 | 124 |
|----|-----------------------|----|-----|

Remove any loose and flaking residue by means of wire brushing, open up cracks and make good with approved crackfiller sanded smooth and apply two coats epoxy paint:

| | | | |
|----|-----------------------------|----|---|
| 12 | On previously painted walls | m2 | 5 |
|----|-----------------------------|----|---|

One coat alkali resistant primer and two coats "wall and all" emulsion paint for interior use, on:

| | | | |
|----|-----------------------|----|-----|
| 13 | On ceilings and beams | m2 | 179 |
|----|-----------------------|----|-----|

ON METAL

Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and prime with one coat primer and two coats polyurethane enamel paint on steel:

| | | | |
|----|------------------------------|----|----|
| 14 | On windows with burglar bars | m2 | 41 |
|----|------------------------------|----|----|

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Paintwork

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Bill No. 11

Paintwork

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APB Hospital flats fire damage repairs

| Item No | | Quantity | Rate | Amount |
|---------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|--------|
| | <p><u>SECTION 3</u></p> <p><u>BILL NO. 1</u></p> <p><u>PROVISIONAL SUMS</u></p> <p>-----</p> <p><u>PREAMBLES</u></p> <p><u>General:</u></p> <p>Subcontract amounts are net.</p> <p>Subcontract amounts are for material and equipment supplied and installed complete by firms of specialists</p> <p>Each subcontract amount may comprise more than one element of work. Therefore, each subcontract amount may include for work to be carried out by more than one subcontractor</p> <p><u>Profit:</u></p> <p>Where stated, the Contractor may allow for profit if required</p> <p><u>General attendance on nominated/selected subcontractors:</u></p> <p>The item "General Attendance" which follows each subcontract amount for nominated/selected subcontractors' work, shall be deemed to cover all the Contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:</p> <ol style="list-style-type: none"> 1. Access to the site and places where the subcontract work is to be carried out, including the reasonable use of any temporary personnel hoists erected by the Contractor 2. The provision of water and lighting and of single phase electric power to a position within 50 metres of the place where the subcontract work is to be carried out but excluding water, fuel and power for commissioning of any installation <p>Section No. 3 Bill No. 1 Provisional sums APB Hospital flats fire damage repairs University of Johannesburg</p> | | | |
| | | | R | |

3. The provision of an area for the subcontractor to establish temporary office accommodation and workshops and for the storage of plant and materials

4. The use, at reasonable times by arrangement, of the Contractor's erected hoisting equipment

5. Making good in all trades and cleaning down and removal of rubbish on completion

Special attendance on nominated/selected subcontractors:

Where stated, special attendance, as set out in clause 8.1 of section B of the Preliminaries, will be described in detail in this bill

Builder's work:

Builder's work in connection with specialist services is given elsewhere in these bills of quantities

HVAC UNITS

1 Provide the sum of Fifty Thousand Rand for Supply and installation of HVAC units

Item

50 000.00

2 Allow for profit

Item

3 Allow for attendance

Item

NETWORK AND TELEPHONE POINTS

4 Provide the sum of Twelve Thousand Rand for Supply and installation of telephone and network points

Item

12 000.00

5 Allow for profit

Item

6 Allow for attendance

Item

STRUCTURAL INVESTIGATION AND REMEDIAL WORK

7 Provide the sum of One Hundred and Fifty Thousand Rand for structural investigation and remedial work

Item

150 000.00

8 Allow for profit

Item

R

Section No. 3

Bill No. 1

Provisional sums

**APB Hospital flats fire damage repairs
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Section No. 3

Bill No. 1

Provisional sums

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Section No. 3

Bill No. 1

Provisional sums

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| Item No | | Quantity | Rate | Amount |
|---------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|------|-----------|
| | <u>SECTION 3</u> | | | |
| | <u>BILL NO. 2</u> | | | |
| | <u>BUDGETARY ALLOWANCES</u> | | | |
| | ----- | | | |
| | <u>PREAMBLES</u> | | | |
| | <u>General:</u> | | | |
| | A Budgetary Allowance is a sum of money included in the contract sum for work intended for execution by the Contractor, the extent of which is identified but not detailed | | | |
| | Work for which budgetary allowances are provided will be measured and valued in accordance with clause 14 of the Minor works Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances | | | |
| | Each Budgetary Allowance may comprise more than one element of work | | | |
| | ----- | | | |
| | <u>SIGNAGE</u> | | | |
| 1 | Budgetary Allowance of Five Thousand for supply and installation of signage | Item | | 5 000.00 |
| | <u>STEEL STRUCTURE AWNING</u> | | | |
| 2 | Budgetary Allowance of Twenty Thousand for supply and installation steel structure awning including paintwork | Item | | 20 000.00 |
| | <u>ADDITIONAL BUILDERS' WORK</u> | | | |
| 3 | Budgetary Allowance of Twenty Thousand for additional builders' work | Item | | 20 000.00 |
| | Carried Forward to Summary of Section No. 3 | | R | |
| | Section No. 3 | | | |
| | Bill No. 2 | | | |
| | Budgetary allowance | | | |
| | APB Hospital flats fire damage repairs | | | |
| | University of Johannesburg | | | |

SECTION SUMMARY - Section 3:Provisonal sums and budgetary allowance

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| 1 | Provisional sums | 40 | |
| 2 | Budgetary allowance | 41 | |
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| 1 | Section No. 1: Preliminaries | 3 | |
| 2 | Section No. 2: Building Work | 36 | |
| 3 | Section 3:Provisonal sums and budgetary allowances | 42 | |
| | SUB-TOTAL | R | |
| | <u>CONTRACT CONTINGENCIES</u> | | |
| | Allow the sum of 10% (Ten percent) of the above sub total for Contingencies to be spent as the Principal Agent may direct and to be deducted in whole or in part if not required | R | |
| | TOTAL INCLUDING CONTINGENCIES | R | |
| | <u>VALUE ADDED TAX</u> | | |
| | Value Added Tax [15%] | R | |
| | TOTAL | R | |
| | Carried to Form of Tender | R | |
| | APB Hospital flats fire damage repairs University of Johannesburg | | |