

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>SECTION 1</p> <p>BILL NO. 1</p> <p>PRELIMINARIES</p> <p>BUILDING AGREEMENT AND PRELIMINARIES</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>PREAMBLES FOR TRADES</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 style="text-align: right;">Carried Forward to Trade Summary</p> <p>Section 1- Preliminaries</p> <p>Bill No 1</p> <p>Preliminaries</p> <p>APK B2 LAB 119 Space alterations</p> <p>University of Johannesburg</p> | | R | |

Section 1- Preliminaries

Bill No 1

Preliminaries

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

1

2

Amount

Carried Forward to Final Summary

R

Section 1- Preliminaries
Bill No 1
Preliminaries
APK B2 LAB 119 Space alterations
University of Johannesburg

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>SECTION 2</p> <p>BILL NO 1</p> <p>ALTERATIONS</p> <p>-----</p> <p>PREAMBLES</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 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>SUPPLEMENTARY PREAMBLES</p> <p>View site:</p> <p>Before submitting his tender, the Contractor 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 contained in the buildings or portions of the buildings to be demolished.</p> <p>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>Old materials to become property of the Contractor:</p> <p>Old materials from alterations, except where described as to be re-used or handed over, become the property of the Contractor, who must allow credit for same in the last item of the "Alterations" trade</p> <p>Old materials to be carted away:</p> <p>Old materials from the alterations, except where described as to be 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</p> | | | |
| | <p>Carried Forward to Trade Summary</p> <p>Section 2 - Building Works</p> <p>Bill No 1</p> <p>Alterations</p> <p>APK B2 LAB 119 Space alterations</p> <p>University of Johannesburg</p> | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p>Old materials to be re-used:</p> <p>None of the old materials are to be used for new work, except where specifically described as being set aside for re-use</p> <p>Handing over of materials:</p> <p>Where certain materials or articles from demolitions or alterations are described as to be "handed over to the Employer", it shall be taken to mean "handed over by the Contractor to the Principal Agent" and such materials or articles shall be properly stored by the Contractor until handing over thereof</p> <p>The Contractor must obtain an official receipt from the Principal Agent listing the materials or articles and dates of handing over</p> <p>Should the Contractor fail 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 Employer for the full replacement value thereof, which amount will be deducted from any monies due to the Contractor</p> <p>Explosives:</p> <p>No explosives whatsoever may be used for demolition purposes, unless otherwise stated</p> <p>General:</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 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>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</p> | | | |
| | <p style="text-align: right;">Carried Forward to Trade Summary</p> <p>Section 2 - Building Works Bill No 1 Alterations APK B2 LAB 119 Space alterations University of Johannesburg</p> | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing, including taking off, easing and rehangings, 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</p> <p>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 and making good floor and wall finishes to match existing</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 (e.g.doors, windows, fittings, etc)</p> <p>Hazardous materials:</p> <p>Demolitions of buildings, services, external works, site services, etc are to include for the safe removal and disposal of asbestos or asbestos products or other hazardous materials by approved Specialists</p> <p>-----</p> <p>TEMPORARY BARRIERS, SCREENS, ETC</p> | | | |
| | Carried Forward to Trade Summary | | R | |
| | <p>Section 2 - Building Works</p> <p>Bill No 1</p> <p>Alterations</p> <p>APK B2 LAB 119 Space alterations</p> <p>University of Johannesburg</p> | | | |

| Item No | | | Quantity | Rate | Amount |
|---------|---|----|----------|------|--------|
| | Temporary barriers, screens, etc including removal: | | | | |
| 1 | Dust screen 2800mm high between concrete floor and ceiling, of suitable timber framing with 375 micron polyethylene sheeting stapled on to one side, including corners, ends, etc | m | 35 | | |
| | REMOVAL OF EXISTING WORK | | | | |
| | Breaking down and removing brickwork, etc: | | | | |
| 2 | Half brick walls | m2 | 39 | | |
| | Taking out and removing doors, windows, etc from brickwork to be demolished: | | | | |
| 3 | Timber single door and frame not exceeding 2,5m² | No | 2 | | |
| | Removal of existing plasterboard partitioning including vertical abutments | | | | |
| 4 | Partitioning size 2767mm high | m | 30 | | |
| 5 | Existing window in partition size 1998 x 990mm high | No | 1 | | |
| 6 | Ditto but size 1200 x 1000mm high | No | 2 | | |
| 7 | Removal of existing double door size 1333 x 1758mm high | No | 3 | | |
| | Taking out/off and removing existing timber workstation with counter top, including making safe and removing existing electrical and electronic connections | | | | |
| 8 | Workstation size 4002 x 858 x 830mm high | No | 4 | | |
| | Removal of existing timber Podium for later re-use | | | | |
| 9 | Podium/lectern size 1830 x 873 x 818mm high including PVC trunking and making safe and removing existing electrical and electronic connections reconnect in new position | No | 1 | | |
| | Taking out/off and removing existing overhead trunking with steel supports, including making safe | | | | |
| 10 | Overhead skirting | m | 60 | | |
| | Carried Forward to Trade Summary | | | | R |
| | Section 2 - Building Works | | | | |
| | Bill No 1 | | | | |
| | Alterations | | | | |
| | APK B2 LAB 119 Space alterations | | | | |
| | University of Johannesburg | | | | |

Section 2 - Building Works

Bill No 1

Alterations

TRADE SUMMARY

Total Brought Forward from Page No

Page
No

4

5

6

7

8

Amount

Carried Forward to Section Summary

R

Section 2 - Building Works

Bill No 1

Alterations

APK B2 LAB 119 Space alterations

University of Johannesburg

| Item No | | Quantity | Rate | Amount |
|------------|--|----------|------|--------|
| | SECTION 2 | | | |
| | BILL NO 2 | | | |
| | MASONRY | | | |
| | ----- | | | |
| | PREAMBLES | | | |
| | 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 | | | |
| | 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 | | | |
| | SUPPLEMENTARY PREAMBLES | | | |
| | BRICKWORK | | | |
| | General: | | | |
| | Non-load bearing brickwork is to be built to full height less 20mm gap next to the ceiling and is to be left for 14 days before grouting up in 1:3 cement mortar. | | | |
| | Sizes in descriptions: | | | |
| | Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick | | | |
| | Hollow walls: | | | |
| | Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole | | | |
| | Carried Forward to Trade Summary | | | |
| | Section 2 - Building Works | | | |
| | Bill No 2 | | | |
| | Masonry | | | |
| | APK B2 LAB 119 Space alterations | | | |
| | University of Johannesburg | | | |
| | | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>Face bricks :</p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p>All face brickwork shall be regularly cleaned down as the work proceeds and shall be protected as necessary by an approved method</p> <p>Pointing:</p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include smooth floated square recessed, hollow recessed, weathered pointing, etc</p> <p>BLOCKWORK</p> <p>Concrete masonry units:</p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7MPa</p> <p>Blockwork:</p> <p>Blockwork shall comply with SANS 10145 "Concrete Masonry Construction"</p> <p>Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole</p> <p>Standard complementary blocks:</p> <p>Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary</p> <p>-----</p> <p>BLOCKWORK</p> | | | |
| | <p style="text-align: right;">Carried Forward to Trade Summary</p> | | | |
| | <p>Section 2 - Building Works</p> <p>Bill No 2</p> <p>Masonry</p> <p>APK B2 LAB 119 Space alterations</p> <p>University of Johannesburg</p> | | | |
| | | | R | |

Section 2 - Building Works

Bill No 2

Masonry

TRADE SUMMARY

Total Brought Forward from Page No

Page
No

Amount

10

11

12

13

Carried Forward to Section Summary

R

Section 2 - Building Works

Bill No 2

Masonry

APK B2 LAB 119 Space alterations

University of Johannesburg

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p>SECTION 2</p> <p>BILL NO 3</p> <p>CARPENTRY AND JOINERY</p> <p>-----</p> <p>PREAMBLES</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>SUPPLEMENTARY PREAMBLES</p> <p>Fixing:</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>Joinery:</p> <p>Descriptions of frames shall be deemed to include frames, transomes, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include sinking and pelleting heads and nuts of bolts</p> | | | |
| | <p style="text-align: right;">Carried Forward to Trade Summary</p> <p>Section 2 - Building Works Bill No 3 Carpentry and Joinery APK B2 LAB 119 Space alterations University of Johannesburg</p> | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>Sizes:</p> <p>Sizes are nominal and the Contractor shall make allowance in his prices for minor variances in stated finished sizes of timber doors, door members, door frames, architraves, etc</p> <p>Prices</p> <p>Prices for all joinery work are to include for general framing, housing and notching, arris rounded angles, glueing, blocking, planting on, screwing, adhesives, dowels, pellets, cross tongues, screws and nails and setting up complete and also for all square cutting and waste. Tops shall be secured with metal or hardwood buttons.</p> <p>-----</p> <p>WORKTOPS</p> | | | |
| 1 | Bank of 5 steel framed computer workstation bolted to floor with timber top complete, overall size 959mm x 700mm wide x 920mm high, formed of and including 32mm x 32mm x 2.5mm thick mild steel framework including legs, with and including 32mm thick post formed formica tops with bull nosed edges to front and veneer to all exposed edges, 32mm thick melamine dividers and end panels,cable grommets, etc. and Steel work powder coated to approved colour (Client to confirm colour of powder coating). | No | 9 | |
| 2 | Bank of 4 steel framed computer workstation bolted to floor with timber top complete, size 890mm x 700mm wide x 920mm high, size 9790 x700mm overall, ditto | No | 2 | |
| 3 | Bank of 3 back to back steel framed computer workstation bolted to floor with timber top complete, size 890mm x 700mm wide x 920mm high, size 8010mm x 1400mm overall, ditto | No | 1 | |
| | <p>DOORS, ETC</p> <p>40mm panel doors with viewing panels hung to steel frames:</p> | | | |
| 4 | 40mm Double door 1800 x 2032mm high with | No | 1 | |
| 5 | Ditto but size 1800 x 2060mm high | No | 2 | |
| | Carried Forward to Trade Summary | | | |
| | Section 2 - Building Works | | | |
| | Bill No 3 | | | |
| | Carpentry and Joinery | | | |
| | APK B2 LAB 119 Space alterations | | | |
| | University of Johannesburg | | | |
| | | | R | |

Section 2 - Building Works

Bill No 3

Carpentry and Joinery

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

15

16

Amount

Carried Forward to Section Summary

Section 2 - Building Works

Bill No 3

Carpentry and Joinery

APK B2 LAB 119 Space alterations

University of Johannesburg

R

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <p>SECTION 2</p> <p>BILL NO 4</p> <p>IRONMONGERY</p> <p>-----</p> <p>PREAMBLES</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>SUPPLEMENTARY PREAMBLES</p> <p>Proprietary items:</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>Locks:</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>Carried Forward to Trade Summary</p> <p>Section 2 - Building Works Bill No 4 Ironmongery APK B2 LAB 119 Space alterations University of Johannesburg</p> | | | |
| | | | R | |

| Item No | | | Quantity | Rate | Amount |
|---------|--|-------|----------|------|--------|
| | 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 | | | | |
| | LOCKS SUITABLE FOR MASTER KEY OPERATION | | | | |
| | "CISA" | | | | |
| 1 | 880/60/78 Euro Profile 60mm Double Cylinder with "G96D" key and thumb turn key | No | 3 | | |
| 2 | Master key | No | 1 | | |
| | PUSH PLATES AND KICK PLATES | | | | |
| | "ASSA ABLOY" or similar approved: | | | | |
| 3 | "Ref. AL5063-06AS" push plate | No | 2 | | |
| | HANDLES | | | | |
| | Stainless steel handles (Allow prime cost of R450/Pair) delivered to site | | | | |
| 4 | Door handles | Pairs | 3.0 | | |
| | DOOR CLOSERS | | | | |
| | Carried Forward to Trade Summary | | | | R |
| | Section 2 - Building Works | | | | |
| | Bill No 4 | | | | |
| | Ironmongery | | | | |
| | APK B2 LAB 119 Space alterations | | | | |
| | University of Johannesburg | | | | |

| Item No | | | Quantity | Rate | Amount |
|---------|---|----|----------|------|--------|
| | Stainless steel door closer (Allow prime cost of R1500/unit) delivered to site | | | | |
| 5 | Door closer | No | 4 | | |
| | SUNDRIES | | | | |
| | Push/ panic bar (Allow prime cost of R4000/unit) delivered to site | | | | |
| 6 | Push bar | No | 3 | | |
| | "Dejay" or similar approved: | | | | |
| 7 | "Ref. A676" door stop, plugged | No | 3 | | |
| | RS or similar approved break glass | | | | |
| 8 | Surface mounted break glass size 85mm x 85mm high x 51mm depth | No | 2 | | |
| | Carried Forward to Trade Summary | | | | |
| | Section 2 - Building Works | | | | |
| | Bill No 4 | | | | |
| | Ironmongery | | | | |
| | APK B2 LAB 119 Space alterations | | | | |
| | University of Johannesburg | | | | |

Section 2 - Building Works

Bill No 4

Ironmongery

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

Amount

18

19

20

Carried Forward to Section Summary

R

Section 2 - Building Works

Bill No 4

Ironmongery

APK B2 LAB 119 Space alterations

University of Johannesburg

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | SECTION 2 | | | |
| | BILL NO 5 | | | |
| | METALWORK | | | |
| | ----- | | | |
| | PREAMBLES | | | |
| | <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>-----</p> | | | |
| | DOOR FRAMES, DOORS, WINDOWS, ETC | | | |
| | GALVANISED PRESSED STEEL DOOR FRAMES | | | |
| | 1,6mm Double rebated frames with top light suitable for half brick half brickwalls to jambs, head and threshold of openings: | | | |
| 1 | Frame for door 1800 x 2032mm high | No | 1 | |
| | 1,6mm Double rebated frames with top light suitable for one brickwalls to jambs, head and threshold of openings: | | | |
| 2 | Frame for door size 1800 x 2060mm high | No | 2 | |
| | Carried Forward to Section Summary | | | |
| | Section 2 - Building Works | | | |
| | Bill No 5 | | | |
| | Metalwork | | | |
| | APK B2 LAB 119 Space alterations | | | |
| | University of Johannesburg | | | |
| | | | R | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | SECTION 2 | | | |
| | BILL NO 6 | | | |
| | PLASTERING | | | |
| | PREAMBLES | | | |
| | <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> | | | |
| | SUPPLEMENTARY PREAMBLES | | | |
| | Labours, etc | | | |
| | <p>Labours such as fair, rounded and chamfered edges, trowel cuts, throats, V-joints, angles, etc shall be deemed to be included in the descriptions</p> | | | |
| | CEMENT PLASTER | | | |
| | <p>Unless otherwise described, cement plaster shall be taken to mean Class 1 cement plaster i.e. 1:4 cement:sand plaster (common cement)</p> | | | |
| | INTERNAL PLASTER | | | |
| | Cement plaster steel trowelled, on brickwork: | | | |
| 1 | On walls | m2 | 8 | |
| | EXTERNAL PLASTER | | | |
| | Cement plaster steel trowelled, on brickwork: | | | |
| 2 | On walls | m2 | 8 | |
| | Carried Forward to Section Summary | | R | |
| | <p>Section 2 - Building Works Bill No 6 Plastering APK B2 LAB 119 Space alterations University of Johannesburg</p> | | | |

| Item No | | Quantity | Rate | Amount |
|------------|---|----------|------|--------|
| | SECTION 2 BILL NO 7 ELECTRICAL WORK ----- PREAMBLES <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> SUPPLEMENTARY PREAMBLES Prices: <p>Unless otherwise stated, the description of each item shall be deemed to include manufacturing, conveying and delivering, unloading, storing, unpacking, hoisting, setting, fitting and fixing in position, cutting, waste, patterns, templates, plant, temporary works, return of packings, establishment charges, profit and other obligations arising out of the conditions of contract</p> Distribution boards, etc: <p>Rates for distribution boards, etc are to include for busbars, jumpers, neutral bars, internal wiring and connections, circuit identification markers, control gear labels, circuit legend cards and working drawings</p> Switches, socket outlets, etc: <p>Rates for switches, socket outlets, etc are to include for screwing to outlet boxes, connecting up and cover plates</p> | | | |
| | <p style="text-align: right;">Carried Forward to Trade Summary</p> | | R | |
| | Section 2 - Building Works Bill No 7 Electrical works APK B2 LAB 119 Space alterations University of Johannesburg | | | |

Section 2 - Building Works

Bill No 7

Electrical works

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

Amount

24
25
26

Carried Forward to Section Summary

R

Section 2 - Building Works

Bill No 7

Electrical works

APK B2 LAB 119 Space alterations

University of Johannesburg

| Item No | | Quantity | Rate | Amount |
|------------|--|----------|------|--------|
| | SECTION 2 | | | |
| | BILL NO 8 | | | |
| | PAINTWORK | | | |
| | ----- | | | |
| | PREAMBLES | | | |
| | 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 | | | |
| | 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 | | | |
| | SUPPLEMENTARY PREAMBLES | | | |
| | PREPARATORY WORK TO EXISTING WORK | | | |
| | 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 minor 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 | | | |
| | Carried Forward to Trade Summary | | | |
| | Section 2 - Building Works | | | |
| | Bill No 8 | | | |
| | Paintwork | | | |
| | APK B2 LAB 119 Space alterations | | | |
| | University of Johannesburg | | | |
| | | | R | |

Section 2 - Building Works

Bill No 8

Paintwork

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

Amount

28

29

Carried Forward to Section Summary

Section 2 - Building Works

Bill No 8

Paintwork

APK B2 LAB 119 Space alterations

University of Johannesburg

R

Section 2 - Building Works

SECTION SUMMARY

**Bill
No**

- 1 Alterations
- 2 Masonry
- 3 Carpentry and Joinery
- 4 Ironmongery
- 5 Metalwork
- 6 Plastering
- 7 Electrical works
- 8 Paintwork

**Page
No**

- 9
- 14
- 17
- 21
- 22
- 23
- 27
- 30

Amount

Carried Forward to Final Summary

Section 2 - Building Works
APK B2 LAB 119 Space alterations
University of Johannesburg

R

Section 3-Budgetary allowances & provisional sums

Bill No 1

Budgetary allowances

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

Amount

32

33

Carried Forward to Section Summary

Section 3-Budgetary allowances & provisional sums
Bill No 1
Budgetary allowances
APK B2 LAB 119 Space alterations
University of Johannesburg

R

| Item No | Quantity | Rate | Amount |
|---|----------|------|----------|
| <p>SECTION 3</p> <p>BILL NO. 2</p> <p>PROVISIONAL SUMS</p> <p>-----</p> <p>PREAMBLES</p> <p>General:</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>Profit:</p> <p>Where stated, the Contractor may allow for profit if required</p> <p>General attendance on nominated/selected subcontractors:</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>Carried Forward to Trade Summary</p> <p>Section 3-Budgetary allowances & provisional sums</p> <p>Bill No 2</p> <p>Provisional sums</p> <p>APK B2 LAB 119 Space alterations</p> <p>University of Johannesburg</p> | | | <p>R</p> |

| Item No | | Quantity | Rate | Amount |
|---|---|----------|------|------------|
| 9 | Allow for attendance | Item | | |
| | HVAC | | | |
| 10 | Provide the sum of Three Hundred Thousand for supply and installation of HVAC | Item | | 300,000.00 |
| 11 | Allow for profit | Item | | |
| 12 | Allow for attendance | Item | | |
| | AV EQUIPMENT | | | |
| 13 | Provide the sum of Three Hundred Thousand for supply and installation of AV equipment | Item | | 300,000.00 |
| 14 | Allow for profit | Item | | |
| 15 | Allow for attendance | Item | | |
| | FIRE HOSE REEL | | | |
| 16 | Provide the sum of Five Thousand for re-positioning of fire hose reel | Item | | 5,000.00 |
| 17 | Allow for profit | Item | | |
| 18 | Allow for attendance | Item | | |
| Carried Forward to Trade Summary | | | | R |
| Section 3-Budgetary allowances & provisional sums | | | | |
| Bill No 2 | | | | |
| Provisional sums | | | | |
| APK B2 LAB 119 Space alterations | | | | |
| University of Johannesburg | | | | |

Section 3-Budgetary allowances & provisional sums

Bill No 2

Provisional sums

TRADE SUMMARY

Total Brought Forward from Page No

**Page
No**

Amount

35
36
37

Carried Forward to Section Summary

Section 3-Budgetary allowances & provisional sums
Bill No 2
Provisional sums
APK B2 LAB 119 Space alterations
University of Johannesburg

R

SECTION SUMMARY

**Bill
No**

- 1 Budgetary allowances
- 2 Provisional sums

**Page
No**

34
38

Amount

Carried Forward to Final Summary

Section 3-Budgetary allowances & provisional sums
APK B2 LAB 119 Space alterations
University of Johannesburg

R

