



| Item No | Quantity | Rate | Amount |
|---|---|------|--------|
| <p><u>SECTION NO. 1</u></p> <p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES AND GENERAL</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Principal Building Agreement contract data form an integral part of this agreement</p> <p>The JBCC General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the JBCC Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these bills of quantities, amended as hereinafter described</p> <p>The contractor is deemed to have referred to the abovementioned documents for the full intent and meaning of each clause</p> <p>The clauses in the abovementioned documents are hereinafter referred to by clause number and heading only</p> <p>Where any item is not relevant to this agreement such item is marked N/A signifying "not applicable"</p> | | | |
| | | | E |
| | Carried Forward | | |
| | Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



Brought Forward

E

Where standard clauses or alternatives are not entirely applicable to this **agreement** such amendments, modifications, corrections or supplements as will apply are given under each relevant clause heading and such amendments, modifications, corrections or supplements shall take precedence notwithstanding anything to the contrary contained in the abovementioned documents

PREAMBLES FOR TRADES

STRUCTURE OF THIS PRELIMINARIES BILL

Section A : A recital of the headings of the individual clauses in the aforementioned **JBCC** Principal Building Agreement (part of this section is in the preambles to trade)

Section B : A recital of the headings of the individual clauses in the aforementioned **JBCC** General Preliminaries

PRICING OF PRELIMINARIES

Should the **contractor** select Option A in the **contract data** for the adjustment of **preliminaries**, the amounts entered against the relevant items in these **preliminaries** are to be divided into one or more of the three categories provided namely fixed (F), value related (V) and time related (T)

SECTION A: PRINCIPAL BUILDING AGREEMENT

Insurances and securities (A8-A11)

1 Clause 8.0 - **Works** risk

F:..... V:.....
 T:.....

Item

Carried Forward

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Section No. 1
 PRELIMINARY & GENERALS
 Bill No. 1
 Preliminary & Generals
Completion of Offices at Lot 521 Mbhibhi Street,
Project No. SMVAF19:2023-2024



| Brought Forward | | | E |
|--|--|------|---|
| 2 | Clause 9.0 - Indemnities | Item | |
| 3 | Clause 10.0 - Insurances F:..... V:..... T:..... | Item | |
| 4 | <p>Clause 11.0 - Securities</p> <p>Guarantee for payment</p> <p>The employer shall provide to the contractor a guarantee for payment in the amount of NIL Emalangeni (E NIL.....) [11.5.1]. The contractor shall consequently waive his lien or right of continuing possession of the works [11.10]</p> <p>Extension of waiver of lien</p> <p>The contractor shall ensure that a waiver of lien is included in all subcontracts and that the works executed on the site are kept free of all liens and other encumbrances at all times [11.10]</p> <p>F:..... V:..... T:.....</p> <p>Execution (A12 - A17)</p> | Item | |
| 5 | <p>Clause 12.0 - Obligations of the parties</p> <p>Office accommodation</p> <p>The contractor shall provide, maintain and remove on practical completion air conditioned office accommodation with suitable tables and chairs for meetings to be held on the site. Such offices shall be kept clean and fit for use at all times [12.2.18]</p> | | |
| Carried Forward | | | E |
| <p>Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024</p> | | | |



| Brought Forward | | E |
|--|-------------|----------|
| <p>Notice board</p> <p>The contractor shall erect in a position approved by the principal agent, maintain and remove on practical completion a notice board approved by the principal agent listing the names and logos of the employer, the contractor and the professional consultants. No subcontractor or supplier notice boards may be erected unless permission is granted by the principal agent for such notice boards to be erected [12.2.18]</p> <p>Statutory and other notices</p> <p>The contractor shall submit and/or comply with all statutory and other notices that may be required by any local or other authority in order not to cause any delay to the commencement of the works by the contractor. The contractor shall pay all deposits or fees in this regard</p> <p>It is, however, specifically recorded that the employer shall be responsible for the timeous approval of building plans by any local or other authorities and the payment of any fees or charges related thereto</p> <p>F:..... V:..... T:.....</p> | <p>Item</p> | |
| <p>6 Clause 13.0 - Setting out</p> <p>F:..... V:..... T:.....</p> | <p>Item</p> | |
| <p>7 Clause 14.0 - Nominated subcontractors</p> <p>F:..... V:..... T:.....</p> | <p>Item</p> | |
| <p>8 Clause 15.0 - Selected subcontractors</p> | | |
| Carried Forward | | E |
| <p>Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024</p> | | |



| Brought Forward | | E |
|---|--|------|
| | F:..... V:..... T:..... | Item |
| 9 | Clause 16.0 - Direct contractors Attendance on direct contractors In respect of direct contractors the contractor shall: 1. Designate an area for the direct contractor to establish a temporary office and workshop and storage of equipment and materials 2. Allow the use of personnel welfare facilities, where provided 3. Provide water, lighting and single phase electric power to a position within 50m of the place where the direct contract work is to be carried out, other than fuel or power for commissioning of any installation 4. Permit the direct contractor to use erected scaffolding, hoisting facilities, etc provided by the contractor , in common with others having the like right, while it remains erected on the site [16.1] | |
| | F:..... V:..... T:..... | Item |
| 10 | Clause 17.0 - Contract instructions Site instructions Instructions issued on site are to be recorded in a site instruction book which is to be supplied and maintained on site by the contractor | |
| | F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|---|--|------|
| <u>Completion (A18 - A24)</u> | | |
| 11 | Clause 18.0 - Interim completion | N/A |
| 12 | Clause 19.0 - Practical completion F:..... V:..... T:..... | Item |
| 13 | Clause 20.0 - Completion in sections F:..... V:..... T:..... | Item |
| 14 | Clause 21.0 - Defects liability period and final completion F:..... V:..... T:..... | Item |
| 15 | Clause 22.0 - Latent defects liability period F:..... V:..... T:..... | Item |
| 16 | Clause 23.0 - Revision of the date for practical completion F:..... V:..... T:..... | Item |
| 17 | Clause 24.0 - Penalty for late or non-completion - Refer to CD F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



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| <u>Suspension and termination (A27)</u> | | |
| 18 | Clause 27.0 - Recovery of expense and/or loss F:..... V:..... T:..... | Item |
| <u>Suspension and termination (A28 - A29)</u> | | |
| 19 | Clause 28.0 - Suspension by the contractor F:..... V:..... T:..... | Item |
| 20 | Clause 29.0 - Termination F:..... V:..... T:..... | Item |
| <u>Dispute resolution (A30)</u> | | |
| 21 | Clause 30.0 - Dispute resolution F:..... V:..... T:..... | Item |
| <u>SECTION B: GENERAL PRELIMINARIES</u> | | |
| <u>Definitions and interpretation (B1)</u> | | |
| 22 | Clause 1.1 - Definitions F:..... V:..... T:..... | Item |
| 23 | Clause 1.2 - Interpretation F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
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| <u>Documents (B2)</u> | | |
| 24 | Clause 2.1 - Checking of documents F:..... V:..... T:..... | Item |
| 25 | Clause 2.2 - Provisional bills of quantities | |
| 26 | Clause 2.3 - Availability of construction information F:..... V:..... T:..... | Item |
| 27 | Clause 2.4 - Ordering of materials and goods F:..... V:..... T:..... | Item |
| <u>Previous work and adjoining properties (B3)</u> | | |
| 28 | Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:..... | Item |
| 29 | Clause 3.2 - Previous work - defects F:..... V:..... T:..... | Item |
| 30 | Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
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| <u>The site (B4)</u> | | |
| 31 | Clause 4.1 - Handover of site in stages F:..... V:..... T:..... | Item |
| 32 | Clause 4.2 - Enclosure of the works F:..... V:..... T:..... | Item |
| 33 | Clause 4.3 - Geotechnical and other investigations F:..... V:..... T:..... | Item |
| 34 | Clause 4.4 - Encroachments F:..... V:..... T:..... | Item |
| 35 | Clause 4.5 - Existing premises occupied F:..... V:..... T:..... | Item |
| 36 | Clause 4.6 - Services - known F:..... V:..... T:..... | Item |
| <u>Management of contract (B5)</u> | | |
| 37 | Clause 5.1 - Management of the works F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|---|--|------|
| 38 | Clause 5.2 - Progress meetings F:..... V:..... T:..... | Item |
| 39 | Clause 5.3 - Technical meetings F:..... V:..... T:..... | Item |
| <u>Samples, shop drawings and manufacturer's instructions (B6)</u> | | |
| 40 | Clause 6.1 - Samples of materials F:..... V:..... T:..... | Item |
| 41 | Clause 6.2 - Workmanship samples F:..... V:..... T:..... | Item |
| 42 | Clause 6.3 - Shop drawings F:..... V:..... T:..... | Item |
| 43 | Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:..... | Item |
| <u>Deposits and fees (B7)</u> | | |
| 44 | Clause 7.1 - Deposits and fees F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|---|--|----------|
| <u>Temporary services (B8)</u> | | |
| 45 | Clause 8.1 - Water F:..... V:..... T:..... | Item |
| 46 | Clause 8.2 - Electricity F:..... V:..... T:..... | Item |
| 47 | Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:..... | Item |
| 48 | Clause 8.4 - Communication facilities F:..... V:..... T:..... | Item |
| <u>Prime cost amounts (B9)</u> | | |
| 49 | Clause 9.1 - Responsibility for prime cost amounts | |
| <u>Attendance on subcontractors (B10)</u> | | |
| 50 | Clause 10.1 - General attendance F:..... V:..... T:..... | Item |
| 51 | Clause 10.2 - Special attendance | |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|---|--|------|
| <u>General (B11)</u> | | |
| 52 | Clause 11.1 - Protection of the works F:..... V:..... T:..... | Item |
| 53 | Clause 11.2 - Protection/isolation of existing works and works occupied in sections F:..... V:..... T:..... | Item |
| 54 | Clause 11.3 - Security of the works F:..... V:..... T:..... | Item |
| 55 | Clause 11.4 - Notice before covering work F:..... V:..... T:..... | Item |
| 56 | Clause 11.5 - Disturbance Disturbance All work is to be carried out in such a manner as to cause no unacceptable or unreasonable dust, noise, vibrations, nuisance, inconvenience, annoyance and the like to the public, others, other properties and traffic in so far as they exceed the permissible limitations set by government legislation or by the local authority. Any delays, stoppages and the like arising from or in order to comply with the above will not constitute grounds for an adjustment to the construction period or contract value whatsoever F:..... V:..... T:..... | Item |
| Carried Forward | | E |
| Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
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| 57 | <p>Clause 11.6 - Environmental disturbance</p> <p>Controlling all forms of pollution</p> <p>The contractor shall be responsible for and take all precautions in controlling by whatever means necessary all forms of pollution emanating from the site during the construction period due inter alia to noise, artificial light, wind-blown sand, dust, deposits of mud, etc</p> <p>The contractor is to ensure that all roads which border the site and are used by the contractor during the execution of the works are kept clean and free of any dirt or debris caused by the execution of the works</p> <p>Environmental management plan</p> <p>The employer has prepared an environmental management plan (EMP) (refer to Annexure for a copy of the relevant plan). The contractor shall price opposite this item for compliance with all the requirements of such EMP</p> <p>F:..... V:..... T:.....</p> | Item |
| 58 | <p>Clause 11.7 - Works cleaning and clearing</p> <p>F:..... V:..... T:.....</p> | Item |
| 59 | <p>Clause 11.8 - Vermin</p> <p>F:..... V:..... T:.....</p> | Item |
| 60 | <p>Clause 11.9 - Overhand work</p> <p>F:..... V:..... T:.....</p> | Item |
| Carried Forward | | E |
| <p>Section No. 1 PRELIMINARY & GENERALS Bill No. 1 Preliminary & Generals Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024</p> | | |



Brought Forward

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61 Clause 11.10 - Tenant installations
F:..... V:.....
T:.....

Item

62 Clause 11.11 - Advertising
F:..... V:.....
T:.....

Item

Carried to Final Summary

E

Section No. 1
PRELIMINARY & GENERALS
Bill No. 1
Preliminary & Generals
**Completion of Offices at Lot 521 Mbhilibhi Street,
Project No. SMVAF19:2023-2024**



| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>SECTION NO. 2</u> | | | |
| | <u>BILL NO. 1</u> | | | |
| | <u>ALTERATIONS</u> | | | |
| | <u>TEMPORARY BARRICADES, SCREENS, ETC.</u> | | | |
| | <u>Temporary barricades, screens, etc., including removal:</u> | | | |
| 1 | Dust screen 3500mm high between concrete floor and ceiling, formed of suitable timber framing with 250 micrometre polyethylene sheeting stapled on, including corners, ends, etc. | m | 28 | |
| | <u>REMOVAL OF EXISTING WORK</u> | | | |
| | <u>Break up and remove mass concrete inclusive of plaster, screed, tile, finishes, etc:</u> | | | |
| 2 | Steps | m3 | 1 | |
| 3 | 150mm Thick surface bed | m2 | 18 | |
| | <u>Break down and remove brickwork or blockwork, etc., plastered or tiled one or both sides, complete with sundry lintols, cills, copings, etc.:</u> | | | |
| 4 | 230mm wall | m2 | 151 | |
| 5 | 115mm wall | m2 | 25 | |
| | <u>Take out and remove doors, windows, etc., including thresholds, cills, etc., from brickwork to be demolished:</u> | | | |
| 6 | Timber single door and frame not exceeding 2,5m2 | No | 1 | |
| 7 | Glazed aluminium window not exceeding 2,5m2 | No | 1 | |
| | Carried Forward | | | E |
| | Section No. 2 INTERIOR REHABILITATION Bill No. 1 Alteration Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
|--|---|----|-----|
| 8 | Glazed aluminium door exceeding 2,5m2 and not exceeding 5m2 | No | 1 |
| | <u>Refix existing doors, windows, etc., (removal and setting aside elsewhere measured):</u> | | |
| 9 | Aluminium window mixed sizes in brickwork and replace any broken glass panes with 4mm clear glass | No | 8 |
| | <u>Take down and remove roofs, floors, panelling, ceilings, partitions, etc.:</u> | | |
| 10 | IBR sheet roof covering and timber purlins | m2 | 682 |
| 11 | Ceilings suspended not exceeding 1000mm below roof covering | m2 | 455 |
| | <u>Take out and remove sundry joinery work:</u> | | |
| 12 | Timber skirtings | m | 12 |
| | <u>Take out and remove joinery fittings, etc.:</u> | | |
| 13 | Timber wall cupboard 1500 x 450 x 450mm high | No | 1 |
| 14 | Timber floor cupboard 1000 x 600 x 900mm high | No | 1 |
| 15 | Timber sink cupboard 1500 x 600 x 900mm high, including disconnecting waste pipe | No | 1 |
| 16 | Timber counter 1700 x 600 x 900mm high | No | 1 |
| | <u>Take out and remove ironmongery:</u> | | |
| 17 | Mortice lock and striking plate from timber door and steel frame | No | 6 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 1 Alteration Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
|--|---|----|-----|
| <u>Hack up/off and remove cement render, screeds, plaster, etc., from concrete, brickwork or blockwork:</u> | | | |
| 18 | Internal plaster from walls | m2 | 76 |
| <u>Hack up/off and remove ceramic tile floor and wall finishes including removing mortar bed or backing from concrete, brickwork or blockwork:</u> | | | |
| 19 | 300 x 300mm Tiles to floors | m2 | 455 |
| 20 | Tile skirting 75mm high | m | 126 |
| <u>Hack up/off and remove ceramic wall tile wall finishes including removing mortar bed or backing from concrete, blockwork and prepare surfaces for new , plaster or tile finishes:</u> | | | |
| 21 | 200 x 200mm Tiles to treads and risers of stairs | m2 | 25 |
| <u>Take out and remove piping, sanitary fittings, etc., including disconnecting piping from fittings:</u> | | | |
| 22 | 25mm Galvanised steel piping | m | 20 |
| 23 | 50mm PVC piping | m | 28 |
| 24 | Vitreous china wash hand basin | No | 3 |
| 25 | Vitreous china WC pan with cistern | No | 4 |
| 26 | Vitreous china wall hung urinal with flush valve | No | 1 |
| 27 | Stainless steel kitchen single sink | No | 1 |
| <u>Take out and remove glass and mirrors:</u> | | | |
| 28 | Glass from aluminium windows including cleaning out rebates and preparing for new glass | m2 | 15 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 1 Alteration Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | No | 2 | E |
|--|---|------|---|---|
| 29 | Mirror 300 x 450mm high from wall | | | |
| | <u>Making good cement render:</u> | | | |
| | <u>Repairing structural cracks by raking out cracks to a "v" shape for a depth of 15mm applying a bonding agent with chicken wire mesh inserted in cracks and making good and flush to surrounding surfaces</u> | | | |
| 30 | Structural cracks in blockwork | Item | | |
| Carried Forward to Summary of Section No. 2 | | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 1 Alteration Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | | | |



| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>BILL NO. 2</u> | | | |
| | <u>DOORS & WINDOWS</u> | | | |
| | <u>FLUSH DOORS</u> | | | |
| | <u>Hollow core flush doors with 3,2mm hardboard covering on both sides:</u> | | | |
| 1 | 40mm Door 813 x 2100mm high | No | 6 | |
| 2 | 40mm Double door 1800 x 2100mm high with square meeting edges | No | 1 | |
| | <u>NOTICE BOARDS, PINNING BOARDS, KEYBOARDS, DUCKBOARDS, ETC</u> | | | |
| | <u>Wrot softwood:</u> | | | |
| 3 | 10mm Pinning boards 2000 x 1500mm high glued to plastered walls | No | 2 | |
| | <u>WINDOWS</u> | | | |
| | <u>ALUMINIUM WINDOWS, DOORS AND FRAMES SUPPLIED AND INSTALLED BY A SPECIALIST APPROVED BY THE ARCHITECT</u> | | | |
| | <u>Purpose made powder coated aluminium windows with 6mm clear float glass and plugged to brickwork or concrete.</u> | | | |
| 4 | Shop front overall size 1800 x 4000mm high with 674mm fixed light. | No | 2 | |
| 5 | Shop front overall size 4200 x 3000mm high with double door size 1800 x 2100mm high with 705mm high fixed light. | No | 2 | |
| | Carried Forward | | | E |
| | Section No. 2 INTERIOR REHABILITATION Bill No. 2 Doors & Windows Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
|---|---|----|----|
| 6 | Aluminium frame door with solid panels size 900 x 2100mm high | No | 2 |
| 7 | Window overall size 3750 x 1500mm high one fixed panel and two opening panels | No | 2 |
| <u>IRONMONGERY</u> | | | |
| <u>LETTERS, NAMEPLATES, ETC</u> | | | |
| <u>"Dorma"</u> | | | |
| 8 | DORMA DSS-130 male symbol | No | 1 |
| 9 | DORMA DSS-131 female symbol | No | 1 |
| 10 | DORMA DSS-133 with paraplegic symbol | No | 1 |
| 11 | DORMA DSS-133 with escape sign. | No | 1 |
| <u>LOCKS</u> | | | |
| <u>"Dorma"</u> | | | |
| 12 | DO37D Lock case with DCE-50 europrofile single cylinder and DCE-200 stainless steel escutcheon. | No | 6 |
| 13 | DWC-15 Disable swingover with europrofile single cylinder and bathroom indicator set DWC-006 | No | 1 |
| <u>SUNDRIES</u> | | | |
| <u>"Dorma"</u> | | | |
| 14 | DDS-SS-017 Stainless steel plated floor stop | No | 11 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 2 Doors & Windows Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
|---|--|----|---|
| 15 | Stainless steel kick plate 150mm x width of door, finished size to be checked on site. Grade 304 1,2mm thick drilled and countersunk for screw fixing. | No | 6 |
| <u>DOOR CLOSERS</u> | | | |
| <u>"Dorma"</u> | | | |
| 16 | TS 90 impulse door closer | No | 7 |
| 17 | RTS 84 Floor spring. | No | 2 |
| <u>ACCESSORIES</u> | | | |
| <u>"Chromium plated"</u> | | | |
| 18 | 19mm Diameter chromium plated towel rail 700mm long on type 162 brackets plugged | No | 3 |
| Carried Forward to Summary of Section No. 2 | | | E |
| Section No. 2 | | | |
| INTERIOR REHABILITATION | | | |
| Bill No. 2 | | | |
| Doors & Windows | | | |
| Completion of Offices at Lot 521 Mbhilibhi Street, | | | |
| Project No. SMVAF19:2023-2024 | | | |



| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>BILL NO. 3</u> | | | |
| | <u>FINISHES</u> | | | |
| | <u>PLASTERING</u> | | | |
| | <u>SCREEDS</u> | | | |
| | <u>Screeds (1:3) as described on concrete:</u> | | | |
| 1 | 25mm Thick on floors and landings | m2 | 18 | |
| | <u>INTERNAL PLASTER</u> | | | |
| | <u>One coat cement plaster (1:5) as described on concrete on:</u> | | | |
| 2 | Existing walls | m2 | 151 | |
| 3 | Existing narrow widths | m2 | 23 | |
| 4 | Projecting and isolated piers | m2 | 52 | |
| | <u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u> | | | |
| | <u>CEILING CONSTRUCTION, CORNICES, ETC.</u> | | | |
| | <u>INSULATION</u> | | | |
| | <u>"Aerolite" insulation:</u> | | | |
| 5 | 50mm Insulation lapped not less than 100mm along all edges and laid on top of brading between roof timbers, etc | m2 | 455 | |
| | <u>NAILED UP CEILINGS</u> | | | |
| | Carried Forward | | | E |
| | Section No. 2 INTERIOR REHABILITATION Bill No. 3 Finishes Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| | | Brought Forward | | E |
|--|--|------------------------|-----|----------|
| | <u>6,4mm "Rhino" gypsum plasterboard with 17 x 32mm wrot softwood cover strips over joints:</u> | | | |
| 6 | Ceilings including 38 x 38mm sawn softwood bandering at 400mm centres and at all perimeter edges | m2 | 455 | |
| | <u>"Rhino" gypsum plasterboard cornices:</u> | | | |
| 7 | 75mm Coved cornices | m | 145 | |
| <u>TILING</u> | | | | |
| <u>GLAZED CERAMIC WALL TILING</u> | | | | |
| | <u>200 x 200 x 10mm Colour glazed ceramic wall tiles fixed with adhesive to plaster (plaster elsewhere measured) on:</u> | | | |
| 8 | Walls | m2 | 25 | |
| | <u>Edge trims:</u> | | | |
| 9 | 5mm "Tal" hard extruded plastic tile edge trim and seal behind tiles with adhesive at horizontal, vertical or sloping external corners | m | 18 | |
| <u>FLOOR TILES</u> | | | | |
| | <u>600 x 600mm Porcelain floor tiles fixed with adhesive on screed (elsewhere measured)</u> | | | |
| 10 | Floors and landings | m2 | 455 | |
| 11 | Narrow widths | m2 | 25 | |
| 12 | Circular cutting | m | 16 | |
| | | Carried Forward | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 3 Finishes Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | | |



| | | Brought Forward | | E |
|----|--|------------------------|----|----------|
| | <u>Edge trims:</u> | | | |
| 13 | 6mm "Tal" hard extruded plastic tile edge trim and seal behind tiles with adhesive at horizontal, vertical or sloping external corners | m | 28 | |
| | <u>NON SLIPPERY FLOOR TILES</u> | | | |
| | <u>600 x 600mm Porcelain floor tiles fixed with adhesive on screed (elsewhere measured)</u> | | | |
| 14 | Floors and landings | m2 | 18 | |
| | <u>GLAZING</u> | | | |
| | <u>CLEAR GLASS</u> | | | |
| | <u>4mm Clear glass and glazing to:</u> | | | |
| 15 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 | m2 | 14 | |
| | <u>6mm Clear float glass and glazing to:</u> | | | |
| 16 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 | m2 | 7 | |
| 17 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 in shapes other than rectangular | m2 | 7 | |
| | <u>OBSCURE GLASS</u> | | | |
| 18 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 | m2 | 5 | |
| | <u>6mm Clear toughened safety glass and glazing to:</u> | | | |
| 19 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 | m2 | 9 | |
| | | | | |
| | | Carried Forward | | E |
| | Section No. 2 INTERIOR REHABILITATION Bill No. 3 Finishes Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | E |
|--|---|--------|
| <u>LAMINATED SAFETY GLASS</u> | | |
| <u>6,5mm Clear "Fadeban NS PVB" normal strength laminated safety glass and glazing to:</u> | | |
| 20 | Aluminium sashes in panes exceeding 0,1m2 and not exceeding 0,5m2 | m2 10 |
| <u>MIRRORS</u> | | |
| <u>Mirrors shall be silvered float glass with polished edges all round, and fixed with double sided adhesive tape:</u> | | |
| 21 | 6mm Mirror size 900 x 600mm fixed to tiled wall | No 2 |
| <u>PAINTWORK</u> | | |
| <u>PAINT ON PLASTER, ETC</u> | | |
| <u>Clean down, etc., and apply two coats interior quality PVA emulsion paint on existing PVA painted:</u> | | |
| 22 | Plastered walls internally | m2 265 |
| <u>One coat acrylic fillercoat and two finishing coats pure acrylic paint on:</u> | | |
| 23 | Plastered walls internally | m2 202 |
| Carried Forward to Summary of Section No. 2 | | E |
| Section No. 2 | | |
| INTERIOR REHABILITATION | | |
| Bill No. 3 | | |
| Finishes | | |
| Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>BILL NO. 4</u> | | | |
| | <u>PLUMBING (PROVISIONAL)</u> | | | |
| | <u>SANITARY PLUMBING</u> | | | |
| | <u>"Vaal Potteries" Sanitary ware</u> | | | |
| 1 | Vitreous china "CAMEO" wash hand basin (Code 7028) rounded with one tap holes configuration | No | 1 | |
| 2 | Vitreous china size 595 x 455mm oval self rimming vanity basin Ref 7028 with one tap holes configuration and fixing bolts. | No | 3 | |
| 3 | Vitreous china paraplegic WC suite code 7300 SC comprising of pan with heavy duty double flap seat and 9 litres cistern complete with and including 32mm stainless steel side grab rail code: DL2 and 32mm stainless steel rear grab rail around cistern code: SR2A | No | 1 | |
| 4 | Vitreous china "PARKTOWN" close coupled 90 degree back inlet closed rim back-to-wall (Code 431600) complete with lid and fitments. With WISA MONT Maro concealed cistern. | No | 3 | |
| 5 | Vitreous china "LAVATERA" wall mounted bowl urinal (Code 705426) with exposed top inlet flush pipe and spreader | No | 1 | |
| | <u>"Franke"</u> | | | |
| 6 | Single bowl stainless steel satin drop in single bowl sink code FRA313852 | No | 1 | |
| | Carried Forward | | | E |
| | Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
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| <u>Hand drier</u> | | | |
| 7 | "TSC HYGIENEX" Xlerator Chrome -SS hand drier mounted to wall in accordance with the manufacturer's instructions. | No | 2 |
| <u>Toilet Roll Dispenser</u> | | | |
| 8 | "TCS HYGIENEX TR2N" Toilet roll dispenser surface mounted in accordance with the manufacturer's instructions. | No | 4 |
| <u>Paper Towel Dispenser</u> | | | |
| 9 | "TCS HYGIENEX PDFOLD stainless steel RV" paper towel dispenser surface mounted in accordance with the manufacturer's instructions. | No | 2 |
| <u>Soap dispenser</u> | | | |
| 10 | "TSC HYGIENEX" Stainless steel liquid soap dispenser surface mounted in accordance with the manufacturer's instructions. | No | 4 |
| <u>WASTE UNIONS, ETC</u> | | | |
| 11 | 32mm Basin waste union | No | 4 |
| 12 | 38mm Sink waste union | No | 4 |
| <u>TRAPS, ETC</u> | | | |
| <u>uPVC</u> | | | |
| 13 | 40mm Deep seal "P" or "S" trap | No | 4 |
| <u>"Cobra Watertech"</u> | | | |
| 14 | 32mm 340 CP Bottle trap | No | 5 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



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| 15 | 75mm VA3.113 CP Hinged urinal domical grating | No | 1 |
| <u>TAPS, VALVES, ETC</u> | | | |
| <u>"Cobra watertech"</u> | | | |
| 16 | 15mm CP angle regulating valve | No | 4 |
| 17 | 15mm CP 121 stopcock | No | 4 |
| 18 | 22mm CP 121 stopcock | No | 4 |
| 19 | Cobra "Gala single lever" basin mixer (code GA 651) | No | 4 |
| 20 | Cobra chrome pillar tap code KM2.100 | No | 2 |
| 21 | 15 mm Wall mounted sink mixer with overarm swivel outlet and adjustable wall flanges in chrome (Code: CS-266/041 CP), manufactured in accordance with SANS 226:2004 Type 2 (BS 541 2) | No | 1 |
| 22 | FJ6.000 "Flushmaster" urinal flush valve | No | 4 |
| 23 | PB1.10 RB vacuum breaker | No | 4 |
| 24 | PA1.1RB "Kwikflo" 400kPa pressure reducing valve | No | 4 |
| <u>Extra on UPVC piping for the following fittings:</u> | | | |
| 25 | 50mm Stop end | No | 12 |
| 26 | 75mm Stop end | No | 6 |
| 27 | 110mm Stop end | No | 6 |
| 28 | 50mm Vent cowl | No | 6 |
| 29 | 75mm Vent cowl | No | 4 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



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| 30 | 110mm Vent cowl | No | 4 | | |
| 31 | 50mm Socket reducer | No | 4 | | |
| 32 | 110mm Eccentric reducer | No | 4 | | |
| 33 | 50mm "BPS" adaptor | No | 4 | | |
| 34 | 50mm Bend | No | 4 | | |
| 35 | 110mm Bend | No | 4 | | |
| 36 | 50mm Access bend | No | 4 | | |
| 37 | 110mm Access bend | No | 4 | | |
| 38 | 50mm Junction | No | 4 | | |
| 39 | 110mm Junction | No | 4 | | |
| 40 | 50mm Access junction | No | 4 | | |
| 41 | 110mm Access junction | No | 4 | | |
| 42 | 110mm Double junction | No | 4 | | |
| 43 | 110mm Reducing junction | No | 4 | | |
| 44 | 110mm Access reducing junction | No | 4 | | |
| 45 | 110mm Double reducing junction | No | 2 | | |
| 46 | 110mm Pan piece with enlarged socket for and joint to outlet of W.C. pan | No | 4 | | |
| 47 | 110mm Bent pan piece with inspection eye and enlarged socket for and joint to outlet of W.C. pan | No | 4 | | |
| | | Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | | | |



| Brought Forward | | | E |
|--|--|----|----|
| 48 | 50mm Vent valve | No | 4 |
| 49 | 110mm Vent valve | No | 4 |
| 50 | 50mm Pipe | m | 28 |
| 51 | 110mm Pipe | m | 24 |
| <u>WATER SUPPLIES AND FIRE SERVICES</u> | | | |
| 52 | Cut into, disconnect and take off and remove 15mm, 20mm or 25mm galvanised mild steel or copper pipe, complete with all fittings, taps, stopcocks, etc., from wall or soffit of slab | m | 18 |
| 53 | Cut into, disconnect and take off and remove 15mm, 20mm or 25mm galvanised steel or copper pipe, complete with all fittings, taps, stopcocks, etc., from wall or soffit of slab and make good plaster where holderbats removed | m | 16 |
| <u>Class 460/0 copper pipes:</u> | | | |
| 54 | 15mm Pipe | m | 49 |
| 55 | 15mm Pipe chased in | m | 89 |
| 56 | 22mm Pipe | m | 78 |
| 57 | 22mm Pipe chased in | m | 56 |
| <u>Extra over class 460/0 copper pipes for the following copper capillary fittings:</u> | | | |
| 58 | 15mm Fitting | No | 16 |
| 59 | 22mm Fitting | No | 14 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
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| <u>Extra over Class 460/0 copper pipes for the following brass compression fittings:</u> | | | |
| 60 | 15mm Fitting | No | 12 |
| 61 | 22mm Fitting | No | 12 |
| <u>Copper Class 460/2 overflow and service pipes:</u> | | | |
| 62 | 22mm Overflow pipe 500mm girth twice bent | No | 6 |
| 63 | 15mm Bent service pipe average 400mm girth, one end fitted with brass pillarcock adaptor and jointed to tap and other end jointed to hard drawn copper pipe | No | 6 |
| <u>TAPS, VALVES, ETC</u> | | | |
| 64 | 15mm Chromium plated fullway ballcock in-line flow control and shut-off valve as "Cobra 1060" and joints to copper pipes (connectors elsewhere measured) | No | 2 |
| 65 | 25mm Brass fullway ballcock in-line flow control and shut-off valve as "Cobra 1080" and joint to brass connector (elsewhere measured) | No | 4 |
| 66 | 15mm Brass screw down stoptap as "Cobra 131" and joints to copper pipes | No | 2 |
| 67 | 22mm Brass screw down stoptap as "Cobra 131" and joints to copper pipes | No | 2 |
| 68 | 15mm Chromium plated brass screw down bib-tap with and including hose connection as "Cobra 107 EC" and joint to brass connector (elsewhere measured) | No | 4 |
| 69 | 22mm Brass fullway screw down wheelhead gate valve as "Cobra 1003/125" and joints to copper pipes | No | 4 |
| 70 | 22mm Vacuum breaker as "Cobra PB1.10" and joint to brass connector (elsewhere measured) | No | 4 |
| Carried Forward | | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



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| <u>ELECTRIC WATER HEATERS</u> | | |
| 71 | 100 litre "Kwikot Megaflo" horizontal type hot water heater with two kilowatt element and emergency over-pressure relief valve, and hoist and place in position on bearers (elsewhere measured) in roof space and connections to two 22mm copper pipes including connectors (Electrical Connection by Electrician) | No 1 |
| <u>DRIP TRAYS AND OVERFLOW PIPES</u> | | |
| 72 | 0,8mm Thick galvanised sheet iron and all labour in drip tray size 850 x 850mm with sides turned up 150mm all round and place in position on tank stand (elsewhere measured) in roof space | No 1 |
| 73 | 40mm Diameter UPVC socketed overflow pipe | m 6 |
| 74 | Form bend on 40mm UPVC pipe | No 4 |
| <u>FIRE APPLIANCES, ETC</u> | | |
| 75 | "Everyway" hose reel complete with 30m plastic hose, chromium plated stopcock, shut-off nozzle and wall bracket | No 1 |
| 76 | 2,5kg Ozone friendly BCF fire extinguisher | No 1 |
| 77 | 4,5kg Ozone friendly carbon dioxide fire extinguisher | No 1 |
| 78 | 2,5kg Ozone friendly halon fire extinguisher | No 1 |
| 79 | 100mm Diameter 2500 kPa pressure gauge, syphon and stopcock including tapped hole in steel pipe | No 1 |
| Carried Forward | | E |
| Section No. 2 INTERIOR REHABILITATION Bill No. 4 Plumbing (Provisional) Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



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TESTING

80 Allow for testing the whole of the Sanitary Plumbing, Water Supplies and Fire Services to the satisfaction of the Architect and Local Authorities. All defective work is to be taken out and replaced at the Contractor's expense and the whole re-tested until found satisfactory

Item

Carried Forward to Summary of Section No. 2

Section No. 2
 INTERIOR REHABILITATION
 Bill No. 4
 Plumbing (Provisional)

**Completion of Offices at Lot 521 Mbhibhi Street,
 Project No. SMVAF19:2023-2024**

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SECTION SUMMARY - INTERIOR REHABILITATION

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| Section No. 2 INTERIOR REHABILITATION Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>BILL NO. 1</u> | | | |
| | <u>ALTERATIONS</u> | | | |
| | <u>TEMPORARY BARRICADES, SCREENS, ETC.</u> | | | |
| | <u>Temporary barricades, screens, etc., including removal:</u> | | | |
| 1 | Dust screen 3500mm high between concrete floor and ceiling, formed of suitable timber framing with 250 micrometre polyethylene sheeting stapled on, including corners, ends, etc. | m | 126 | |
| | <u>REMOVAL OF EXISTING WORK</u> | | | |
| | <u>Break up and remove mass concrete inclusive of plaster, screed, tile, finishes, etc:</u> | | | |
| 2 | Steps | m3 | 1 | |
| 3 | 150mm Thick surface bed | m2 | 18 | |
| | <u>Take out and remove doors, windows, etc., including thresholds, cills, etc., from brickwork to be demolished:</u> | | | |
| 4 | Timber single door and frame not exceeding 2,5m2 | No | 1 | |
| 5 | Timber double door and frame exceeding 2,5m2 and not exceeding 5m2 | No | 1 | |
| | <u>Take out and remove ironmongery:</u> | | | |
| 6 | Mortice lock and striking plate from timber door and steel frame | No | 1 | |
| | <u>FORMING NEW OPENINGS OR ALTERING OPENINGS IN EXISTING WALLS</u> | | | |
| | Carried Forward | | | E |
| | Section No. 3 EXTERNAL REHABILITATION Bill No. 1 Alterations Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | E |
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| 7 | <p><u>Altering openings:</u></p> <p>Alter window opening 4200 x 2100mm high in one brick wall to form new door opening 1800 x 2100mm high by breaking out blockwork on both sides and bottom and make good plaster on one side and into reveals and face brickwork on other side and into reveals and with 20 MPa concrete with quarry tile finish to threshold (new door and frame and making good paintwork elsewhere measured)</p> | <p>No</p> <p>2</p> |
| <p>Carried Forward to Summary of Section No. 3</p> <p>Section No. 3 EXTERNAL REHABILITATION Bill No. 1 Alterations Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024</p> | | <p>E</p> |



| Item No | Quantity | Rate | Amount |
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| <p><u>BILL NO. 2</u></p> <p><u>EXTERNAL REHABILITATION</u></p> <p><u>MASONRY</u></p> <p>The Tenderer is referred to the relevant clauses in the separate document Model Preambles for Trades and to Supplementary Preambles which are incorporated into these Bills of Quantities</p> <p><u>BLOCKWORK</u></p> <p><u>Concrete masonry units</u></p> <p>Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7 MPa</p> <p><u>Wall ties for blockwork</u></p> <p>Wall ties shall be polypropylene "Permaties" complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other</p> <p><u>Blockwork</u></p> <p>Blockwork shall comply with "SABS 0145 " Concrete Masonry Construction"</p> | | | |
| Carried Forward | | | E |
| <p>Section No. 3 EXTERNAL REHABILITATION Bill No. 2 Superstructure Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024</p> | | | |



| Brought Forward | | | E |
|---|----------------------------|----|----|
| <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><u>Standard complementary blocks</u></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><u>DECORATIVE BLOCKS</u></p> <p>Blocks shall be of approved manufacturer, sound, well burnt or cured and uniform and true in size, shape and colour</p> <p><u>SAMPLES</u></p> <p>Samples of all masonry building units, except those for walls described as "load bearing", shall consist of a minimum of 6 units. Samples of building units to be used in walls described as "load bearing" shall consist of 30 units from every 30 000 units delivered to site.</p> <p><u>BLOCKWORK</u></p> <p><u>Blockwork in Class II mortar with cores filled solid with mortar (Provisional)</u></p> | | | |
| 1 | 230mm Walls in foundations | m2 | 9 |
| <p><u>Blockwork in class II mortar</u></p> | | | |
| 2 | 115mm Walls | m2 | 25 |
| Carried Forward | | | E |
| <p>Section No. 3 EXTERNAL REHABILITATION Bill No. 2 Superstructure Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024</p> | | | |



| | | Brought Forward | | E |
|---|--|------------------------|-----|----------|
| 3 | 230mm Walls | m2 | 50 | |
| | <u>Brick-on-edge header course copings, sills, etc of COROBRICK face bricks pointed with recessed joints on all exposed faces</u> | | | |
| 4 | 175mm Wide sills set sloping and slightly projecting | m | 6 | |
| | <u>SUNDRIES</u> | | | |
| | <u>Brick reinforcement</u> | | | |
| 5 | 75mm Wide reinforcement built in horizontally | m | 144 | |
| 6 | 150mm Wide reinforcement built in horizontally | m | 108 | |
| Carried Forward to Summary of Section No. 3 | | | | E |
| Section No. 3 | | | | |
| EXTERNAL REHABILITATION | | | | |
| Bill No. 2 | | | | |
| Superstructure | | | | |
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| Item No | <u>BILL NO. 3</u> | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>METALWORK</u> | | | |
| | <u>ALUMINIUM WINDOWS, DOORS AND FRAMES SUPPLIED AND INSTALLED BY A SPECIALIST APPROVED BY THE ARCHITECT</u> | | | |
| | NOTE:Tenderers are referred to Architects shop front drawing numbered C(31)01 | | | |
| | Fabrication and installation to comply with relevent SANS specification and with AAMSA specifications. Shop drawings to be submitted for achitect approval prior to manufacture. | | | |
| | Frames all fixed frames and doors to be Wispeco Clip 44 system unless otherwise indicated. Sill rail Clip 44 W04494 150mm. | | | |
| | <u>FIRE RATED DOORS AND FRAMES</u> | | | |
| 1 | Class "B" double door 900 x 2100mm high finished on both sides with commercial veneer suitable for painting, each leaf with 100 x 300mm opening fitted with clear fire-rated glass, with frame suitable for one brick wall | No | 2 | |
| | Carried Forward to Summary of Section No. 3 | | | E |
| | Section No. 3 EXTERNAL REHABILITATION Bill No. 3 Doors & Windows Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Item No | Quantity | Rate | Amount |
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| <p><u>BILL NO. 4</u></p> <p><u>ROOFING</u></p> <p><u>ROOF COVERINGS, ETC</u></p> <p>The Tenderer is referred to the relevant clauses in the separate document Model Preambles for Trades and to Supplementary Preambles which are incorporated into these Bills of Quantities</p> <p>User note:</p> <p>Supplementary preambles in connection with fixing of sheeting and accesories and laps are inserted when the Model Preambles for Trades (or other preambles not covering the fixing of sheeting and accessories and laps) are used</p> <p>Where roof coverings are fixed on top of rigid board insulation to purlins etc descriptions of roof coverings are to include thereor</p> <p>Note that sheeting is also available in corten steel, stainless steel, copper and aluminium</p> <p><u>PROFILED METAL SHEETING AND ACCESSORIES</u></p> <p><u>ROOF COVERINGS, ETC</u></p> | | | |
| Carried Forward | | | E |
| <p>Section No. 3 EXTERNAL REHABILITATION Bill No. 4 Roofings Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024</p> | | | |



| Brought Forward | | E |
|---|--|--------|
| <p><u>0.58mm CHROMADEK steel roof sheets with concealed fixings and interlocking clips, polyclosers, ridge cappings, gutters flashings and external corner trims, fixed on steel (elsewhere measured) in full accordance with manufacturer's specifications. Global coat pre-painted finish:</u></p> | | |
| 1 | Roof covering with pitch not exceeding 20 degrees | m2 682 |
| <p><u>Matching pressed steel fittings:</u></p> | | |
| 2 | Ridge capping 460mm girth | m 38 |
| 3 | Head wall flashing 560mm girth | m 30 |
| 4 | Side wall flashing 560mm girth | m 120 |
| 5 | Valley gutter 550mm girth | m 24 |
| <p><u>ROOF INSULATION</u></p> | | |
| <p><u>50mm foil backed insulation</u></p> | | |
| 6 | Insulation laid taut over purlins (at approximately 2100mm centres) and fixed concurrent with roof covering including galvanised steel straining wires | m2 682 |
| <p><u>CARPENTRY AND JOINERY</u></p> | | |
| <p><u>For Preambles see "Standard Preambles to all Trades"</u></p> | | |
| <p><u>ROOF CONSTRUCTION</u></p> | | |
| Carried Forward | | E |
| <p>Section No. 3 EXTERNAL REHABILITATION Bill No. 4 Roofings Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024</p> | | |



| Brought Forward | | | E |
|--|--|------|----------|
| | <u>The following prefabricated SA Pine roof trusses to suit a roof pitch of 25 degrees and steel roof sheeting on timber purlins, all properly designed, manufactured and fixed to the Architect's satisfaction</u> | | |
| 7 | Allow for the design and submission and (if necessary) re-submission of detail drawings, specifications and calculations for the entire roof structure. | Item | |
| 8 | Roof structure with mono pitch trusses for the roof with a gross floor area of 455m ² (allowance to be made for overhang). The gang nailed roof structure must be supplied complete with all the necessary purlins, braces, runners, etc. | Item | |
| | <u>Sawn South African Pine</u> | | |
| 9 | 38 x 114 mm Wall plate. | m | 106 |
| | <u>Sundries</u> | | |
| 10 | End of 38 x 114mm rafter wrought for a length of 600mm. | No | 16 |
| Carried Forward to Summary of Section No. 3 | | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 4 Roofings Completion of Offices at Lot 521 Mhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Item No | | Quantity | Rate | Amount |
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| | <u>BILL NO. 5</u> | | | |
| | <u>FINISHES</u> | | | |
| | <u>METALWORK</u> | | | |
| | <u>BALUSTRADES & HANDRAILS</u> | | | |
| | <u>Purpose made Stainless steel detailed</u> | | | |
| 1 | EZ-Rails ready made horizontal kit comprises a 50.8mm top rail with 50.8mm main posts 38.1mm centre posts and 5 x 15.8mm horizontal cross tubes as in fills placed slightly off set to safety to ensure | m | 36 | |
| | <u>PLASTERING</u> | | | |
| | <u>SCREEDS</u> | | | |
| | <u>1:4 Cement plaster screeds on concrete</u> | | | |
| 2 | 25mm Thick on floors and landings | m2 | 18 | |
| | <u>EXTERNAL PLASTER</u> | | | |
| | <u>Cement plaster on blockwork or concrete</u> | | | |
| 3 | On walls | m2 | 267 | |
| 4 | On columns | m2 | 15 | |
| | <u>CORNERS PROTECTORS, DIVIDING STRIPS, ETC</u> | | | |
| 5 | 6 x 25mm Flat section brass dividing strips between different floor finishes | m | 6 | |
| | Carried Forward | | | E |
| | Section No. 3 EXTERNAL REHABILITATION Bill No. 5 Finishes Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | | E |
|---|--------------------|----|----------|
| <u>PAINTWORK</u> | | | |
| The Tenderer is referred to the relevant clauses in the separate document Model Preambles for Trades and to Supplementary Preambles which are incorporated into these Bills of Quantities | | | |
| <u>PAINTWORK, ETC TO NEW WORK</u> | | | |
| <u>ON FLOATED PLASTER</u> | | | |
| <u>Prepare, stop, and apply one coat exterior paintt and two coats "DULUX" enamel paint:</u> | | | |
| 6 | On walls | m2 | 454 |
| 7 | On columns | m2 | 15 |
| <u>ON SMOOTH PLASTER</u> | | | |
| <u>Prepare, stop, and apply one coat exterior paintt and two coats "DULUX" enamel paint:</u> | | | |
| 8 | On retaining walls | m2 | 294 |
| 9 | On narrow widths | m2 | 19 |
| Carried Forward to Summary of Section No. 3 | | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 5 Finishes Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>BILL NO. 6</u> | | | |
| | <u>REINFORCED CONCRETE</u> | | | |
| | <u>25MPa/19mm concrete</u> | | | |
| 1 | Roads, paving, etc. | m3 | 16 | |
| | <u>MOVEMENT JOINTS</u> | | | |
| | <u>Expansion joints with 10mm softboard between vertical concrete surfaces</u> | | | |
| 2 | 10mm Joints not exceeding 300mm high | m | 14 | |
| | <u>REINFORCEMENT (PROVISIONAL)</u> | | | |
| | <u>Fabric reinforcement</u> | | | |
| 3 | Type 193 fabric reinforcement in pavings, etc | m2 | 98 | |
| | <u>50mm Coarse river sand filling supplied by the the contractor</u> | | | |
| 4 | Under , parking areas, etc. | m2 | 413 | |
| | <u>80mm Thick hexagon pavers or similar approved, manufactured and laid in accordance with the manufactures recommendations.</u> | | | |
| 5 | Concrete pavers | m2 | 413 | |
| | <u>PRECAST CONCRETE KERBS</u> | | | |
| 6 | Size Type 3 precast concrete barrier kerb set on and including 350 x 50mm thick 15Mpa concrete footing and 150 x 150mm 15Mpa concrete haunching at back and jointed in cement mortar including all necessary formwork and excavation, etc. | m | 32 | |
| | Carried Forward | | | E |
| | Section No. 3 EXTERNAL REHABILITATION Bill No. 6 External works Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | E |
|--|--|----------|
| <u>DRAINAGE (PROVISIONAL)</u> | | |
| For Preambles see Standard Preambles to all Trades | | |
| <u>Note:</u> | | |
| 1. | Prices for pipe trenches are to include for 100mm bed of sand under pipes including the necessary extra excavation and for selected backfilling with no stones larger than 15mm to a minimum of 300mm above the remainder of backfilling as described. | |
| 2. | Prices for all manholes etc. are to include for all holes through walls etc. for pipes. | |
| <u>SOIL AND WASTE DRAINS</u> | | |
| <u>uPVC Piping and Fittings</u> | | |
| 7 | 110mm Pipe and dig and lay to even falls in trench in ground not exceeding 1.0m deep to invert. | m 46 |
| 8 | Ditto but exceeding 1.0m and not exceeding 2.0m deep to invert. | m 16 |
| 9 | Extra for 110mm bend. | No 8 |
| 10 | Extra for 110mm I.E junction. | No 12 |
| <u>Gullies and manholes, etc</u> | | |
| 11 | Vitrified clay gully trap with 150mm diameter cast iron grating set in and including 15Mpa concrete surround and including all necessary excavation and jointing to drain. | No 2 |
| Carried Forward | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 6 External works Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|--|---|------|
| 12 | Excavate for and build manhole size internally 450 x 600 x 750mm deep to invert constructed of 150mm thick 15Mpa concrete base projecting 100mm all round 230mm concrete filled block walls, cement mortar plastered internally and with bottom benched up and graded to channels. | No 4 |
| 13 | Excavate for and build manhole size internally 600 x 600 x 1200mm deep to invert constructed of 150mm thick 15Mpa concrete base projecting 100mm all round 230mm concrete filled block walls, cement mortar plastered internally and with bottom benched up and graded to channels. | No 4 |
| 14 | 450 x 600mm x 38kg Cast iron single seal manhole cover and frame set in position on top of brick sides of manhole to finish flush with adjoining concrete or concrete block paving. | No 4 |
| 15 | 600 x 600mm x 82kg Cast iron double seal manhole cover and frame set in position on top of brick sides of manhole to finish flush with adjoining concrete or concrete block paving. | No 4 |
| 16 | 110mm Rigid P.V.C. half round straight channel set to falls in benching at bottom of manhole. | m 10 |
| 17 | 160mm Rigid P.V.C. half round straight channel set to falls in benching at bottom of manhole. | m 8 |
| 18 | Circular pre cast concrete catch pit size 1250mm internally on Grade 25Mpa mesh reinforced concrete base and haunching, depth to invert exceeding 2500mm and not exceeding 2750mm, step irons as necessary and with 550mm diameter heavy duty cast iron cover and frame type 2A to SANS 558 | No 4 |
| <u>SEWERAGE RETICULATION</u> | | |
| Carried Forward | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 6 External works Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|--|---|-------|
| <u>Excavation in soft material for pipe trenches, backfill compact and dispose of surplus material off site</u> | | |
| Excavation. | | |
| 19 | for pipes up to 200 mm diameter; depth exceeding 2.0m but not exceeding 3.0m | m 40 |
| <u>Extra over excavation items for excavation in</u> | | |
| 20 | Intermediate material | m3 16 |
| 21 | hard rock material | m3 8 |
| 22 | Make up deficiency in backfill material with material from commercial or off side sources | m3 16 |
| 23 | Compaction of backfill to 95% mod AASHTO density in areas subjected to traffic loads | m3 24 |
| <u>Bedding</u> | | |
| Provision of bedding material from commercial sources | | |
| 24 | Selected granular material | m3 8 |
| 25 | Selected fill material | m3 18 |
| <u>Pipelaying</u> | | |
| Supply, bed and lay structured wall uPVC sewer pipes complete with couplings on class C bedding | | |
| 26 | 200 mm diameter | m 6 |
| Carried Forward | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 6 External works Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Brought Forward | | E |
|---|--|------|
| <u>Manholes</u> | | |
| Precast concrete sewer manholes 1 250 mm diameter including all excavations, backfill and disposal of surplus material; concrete base; benching and channelling; step irons at 300 mm centres; and 550 mm diameter concrete manhole cover all as detailed in engineers drawing No. 09 | | |
| 27 | Depth to invert exceeding 2.0 m and not exceeding 3.0 m | No 4 |
| <u>Sundries</u> | | |
| 28 | Extra for excavations in hard rock | m3 3 |
| 29 | Break into existing manhole and connect new 200mm PVC drain pipe and make good all round including all necessary fittings | No 3 |
| <u>TESTING</u> | | |
| 30 | Allow for testing all drainage work to the complete satisfaction of the the Architect and Local Authority. All defective work is to be taken out and made good at the contractor's expense | Item |
| Carried Forward to Summary of Section No. 3 | | E |
| Section No. 3 EXTERNAL REHABILITATION Bill No. 6 External works Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |



SECTION SUMMARY - EXTERNAL REHABILITATION

| Bill No | | Page No | Amount |
|---------|-----------------|---------|--------|
| 1 | Alterations | 36 | |
| 2 | Superstructure | 39 | |
| 3 | Doors & Windows | 40 | |
| 4 | Roofings | 43 | |
| 5 | Finishes | 45 | |
| 6 | External works | 50 | |

Carried to Final Summary

Section No. 3
 EXTERNAL REHABILITATION
Completion of Offices at Lot 521 Mbhibhi Street,
Project No. SMVAF19:2023-2024

E



| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|-------------------|
| | <u>BILL NO. 1</u> | | | |
| | <u>PROVISIONAL SUMS & AMOUNTS</u> | | | |
| | <u>PROVISIONAL SUMS AND NETT SUMS</u> | | | |
| | <u>ALL PROVISIONAL SUMS ARE NETT</u> | | | |
| | <u>Electrical Installation</u> | | | |
| 1 | Electrical works is estimated at E500 000.00 contractors are to allow for attendance and profits on Electrical works | Item | | Not Priced |
| 2 | Add for profit | Item | | |
| 3 | Add for general attendance | Item | | |
| | <u>Kitchen Cupboards</u> | | | |
| 4 | Allow the Net Provisional Sums of E40 000.00 for installation of kitchen cupboards | Item | | 40,000.00 |
| 5 | Add for profit | Item | | |
| 6 | Add for general attendance | Item | | |
| | <u>Water Connection</u> | | | |
| 7 | Allow the Net Provisional Sums of E10 000.00 for water connection | Item | | 10,000.00 |
| 8 | Add for profit | Item | | |
| 9 | Add for general attendance | Item | | |
| | Carried Forward | | E | |
| | Section No. 4 PROVISIONAL SUMS Bill No. 1 Provisional Sums & Amounts Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | | |



| Brought Forward | | E |
|---|--|-----------|
| <u>Environmental Impact Assessment</u> | | |
| 10 | Allow the Net Provisional Sums of E20 000.00 for Environmental Impact Assessment | 20,000.00 |
| 11 | Add for profit | |
| 12 | Add for general attendance | |
| Carried to Final Summary | | E |
| Section No. 4 PROVISIONAL SUMS Bill No. 1 Provisional Sums & Amounts Completion of Offices at Lot 521 Mbhibhi Street, Project No. SMVAF19:2023-2024 | | |



| Section No | <u>FINAL SUMMARY</u> | Page No | Amount |
|------------|--|---------|--------|
| 1 | PRELIMINARY & GENERALS | 14 | |
| 2 | INTERIOR REHABILITATION | 34 | |
| 3 | EXTERNAL REHABILITATION | 51 | |
| 4 | PROVISIONAL SUMS | 53 | |
| | Sub Total | | E |
| | Allow five per cent (10%) of the above sub-total for contingencies to be used as directed and deducted in whole or in part if not required | | E |
| | Sub-total | | E |
| | Construction Levy | | E |
| | Sub Total | | E |
| | Allow fifteen per cent (15%) of the above sub-total for Value Added Tax | | E |
| | Sub-total | | E |
| | Carried to Form of Tender | | E |
| | Completion of Offices at Lot 521 Mbhilibhi Street, Project No. SMVAF19:2023-2024 | | |