

| Item No | Quantity | Rate | Amount |
|--|----------|------|--------|
| <p><u>BILL NO 1</u></p> <p><u>MASONRY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>BRICKWORK</u></p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><u>Hollow walls etc</u></p> <p>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.</p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats "Brixéal" bitumen emulsion waterproofing coating.</p> <p><u>User note:</u></p> <p>The above preamble generally applies for works in hot and humid coastal areas</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><u>Bagged and sealed walls</u></p> <p>Walls in two skins described as " bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 6:1 cement and sand mixture and sealed with two coats bitumen waterproofing coating</p> <p><u>Pointing</u></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p> <p style="text-align: right;">Carried forward</p> <p>Section No. 1 BUILDINGS Bill No. 1 MASONRY</p> | | R | |

| Brought forward | | | R |
|---|---|----|-----|
| <u>SUPERSTRUCTURE</u> | | | |
| <u>Brickwork of Diamond maxi bricks (14 MPa nominal compressive strength) in class I mortar</u> | | | |
| 1 | 140mm brick walls | m2 | 86 |
| 2 | 140mm brick walls in beamfilling | m2 | 4 |
| <u>Brickwork reinforcement</u> | | | |
| 3 | 75mm Wide reinforcement built in horizontally | m | 337 |
| <u>Galvanised wire ties, etc</u> | | | |
| 4 | 4mm diameter roof tie, 2m girth bend double with one end built into brickwork and the other end fixed to timber | No | 14 |
| Carried Forward to Sectional Summary: 1 | | | R |
| Section No. 1 BUILDINGS Bill No. 1 MASONRY | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 2</u></p> <p><u>WATERPROOFING</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Waterproofing</u></p> <p>Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs</p> <p><u>DAMP-PROOFING OF WALLS AND FLOORS</u></p> <p><u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</u></p> | | | |
| 1 | In walls | m2 | 5 | |
| | <p><u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u></p> | | | |
| 2 | Under surface beds | m2 | 74 | |
| | Carried Forward to Sectional Summary: 1 | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 2 WATERPROOFING</p> | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>BILL NO 3</u> | | | |
| | <u>ROOF COVERINGS ETC</u> | | | |
| | <u>PROFILED METAL SHEETING AND ACCESSORIES</u> | | | |
| | <u>User note:</u> | | | |
| | Supplementary preambles in connection with fixing of sheeting and accessories and laps are to be inserted when the Model Preambles for Trades (or other preambles not covering the fixing of sheeting and accessories and laps) are used | | | |
| | When the pitch of the roof is less than 9 degrees or if dustproofing is required then the description of roof covering "with side and end laps sealed" is to be used | | | |
| | <u>0.55mm Gauge IBR Chromodek roof sheeting fixed to timber purlins</u> | | | |
| 1 | Roof covering with pitch not exceeding 25 degrees | m2 | 45 | |
| 2 | 231 x 231 mm Galvanised iron ridge flashing | m | 7 | |
| 3 | Galvanised iron broadflute closure | m | 14 | |
| 4 | Polyclosure | m | 14 | |
| | Carried Forward to Sectional Summary: 1 | | R | |
| | Section No. 1 BUILDINGS Bill No. 3 ROOF COVERING | | | |

| Item No | Quantity | Rate | Amount |
|---|----------|------|--------|
| <p><u>BILL NO 4</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Particle board:</u></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p><u>Joinery:</u></p> <p>Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p><u>Decorative laminate finish:</u></p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><u>ROOFS ETC</u></p> <p><u>Plate nailed timber roof truss construction</u></p> <p>The following is applicable in respect of roof trusses:</p> <p>Trusses are at maximum 900mm centres Roof covering is on purlins/battens Ceilings are on 38 x 38mm brandering The references given in the descriptions are to the respective types of trusses detailed on the architect's drawings accompanying these bills of quantities for tender purposes The dimensions in the descriptions of the trusses are nominal and actual measurements are to be obtained from the architect and/or the site before design or fabrication commences</p> <p style="text-align: right;">Carried forward</p> <p>Section No. 1 BUILDINGS Bill No. 4 CARPENTRY AND JOINERY</p> | | R | |

| Brought forward | | | R |
|--|--|----|----|
| <u>Sawn softwood</u> | | | |
| 1 | 38 x 114mm Wall plates | m | 14 |
| 2 | 50 x 76mm Purlins | m | 41 |
| 3 | Truss type 114 x 38 x 1128mm high overall | No | 7 |
| <u>EAVES, VERGES, ETC</u> | | | |
| <u>Fibre-cement fascia and barge boards</u> | | | |
| 4 | 19 x 200mm Fascias and barge boards including galvanised steel H-profile jointing strips | m | 27 |
| <u>DOORS ETC</u> | | | |
| <u>Wrought meranti doors hung to cliscoeu steel door frames</u> | | | |
| 5 | 813 x 2032 mm high 2/4 panel door | No | 2 |
| <u>Hollow core flush doors with standard hardboard covering on both sides hung to cliscoeu steel door frames</u> | | | |
| 6 | 40mm Door 813 x 2032mm high | No | 3 |
| Carried Forward to Sectional Summary: 1 | | | R |
| Section No. 1 BUILDINGS Bill No. 4 CARPENTRY AND JOINERY | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p>BILL NO 5</p> <p>CEILINGS, PARTITIONS AND ACCESS FLOORING</p> <p>SUPPLEMENTARY PREAMBLES</p> <p><u>Descriptions:</u></p> <p><u>Fixing:</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or 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 600mm centres, and where described as "bolted" the bolts have been given elsewhere</p> <p><u>Ceilings</u></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal</p> <p>NAILED UP CEILINGS</p> <p><u>"Rhino" gypsum plasterboard</u></p> | | | |
| 1 | <p>Ceilings including 38 x 38mm sawn softwood brander at 450mm centres</p> <p><u>6mm "Everite" fibre-cement boards with 6 x 19mm wrot softwood cover strips over joints</u></p> | m2 | 35 | |
| 2 | <p>Extra over ceiling for 600 x 600mm trap door of 32 x 44mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening</p> <p><u>"Rhino" gypsum plasterboard cornices</u></p> | No | 1 | |
| 3 | <p>75mm Coved cornices</p> | m | 51 | |
| | Carried forward | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 5 CEILINGS, PARTITIONS AND ACCESS FLOORING</p> | | | |

| | | Brought forward | | | R |
|--|---|-----------------|----|--|---|
| 4 | "Aerolite" insulation 40mm Insulation lapped along all edges and laid on top of brandering between roof timbers etc | m2 | 40 | | |
| Carried Forward to Sectional Summary: 1 | | | | | R |
| Section No. 1 BUILDINGS Bill No. 5 CEILINGS, PARTITIONS AND ACCESS FLOORING | | | | | |

| Item No | Quantity | Rate | Amount |
|---|--|------|--------|
| <p><u>BILL NO 6</u></p> <p><u>IRONMONGERY</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Finishes to ironmongery</u></p> <p>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 AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p><u>LOCKS</u></p> <p><u>"EN-SUITE" LOCKS</u></p> <p>"Union"</p> <p>The following locks are to be suitable for master and grand master key operation</p> | | | |
| 1 | Mortice two lever lockset with handles | No | 3 |
| 2 | Mortice three lever lockset with handles | No | 2 |
| Carried Forward to Sectional Summary: 1 | | | R |
| <p>Section No. 1 BUILDINGS Bill No. 6 IRONMONGERY</p> | | | |

| Item No | | Quantity | Rate | Amount |
|------------|---|----------|------|--------|
| | <p><u>BILLNO 7</u></p> <p><u>METALWORK</u></p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p><u>PRESSED STEEL DOOR FRAMES</u></p> <p><u>1,2mm Rebated frames suitable for 140mm brick walls</u></p> | | | |
| 1 | Cliscoeu Frame for door 813 x 2032mm high | No | 5 | |
| | <p><u>STEEL WINDOWS, DOORS, ETC</u></p> <p><u>Standard residential windows</u></p> | | | |
| 2 | 1.3mm Thick Cliscoeu window as C2H (1022 X 949mm) | No | 3 | |
| 3 | 1.3mm Thick Cliscoeu window as NE1 (533 x 654mm) | No | 1 | |
| | <p>Carried Forward to Sectional Summary: 1</p> <p>Section No. 1 BUILDINGS Bill No. 7 METALWORK</p> | | R | |

| Item No | BILL NO 8 | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>PLASTERING</u> | | | |
| | <u>CEMCRETE OR APPROVED PRODUCT</u> | | | |
| | <u>Cemcrete or any approved waterproofing agent in colour</u> | | | |
| 1 | On external walls | m2 | 62 | |
| | <u>INTERNAL PLASTER</u> | | | |
| | <u>Cement plaster on brickwork</u> | | | |
| 2 | On walls | m2 | 111 | |
| 3 | On narrow widths | m2 | 12 | |
| | Carried Forward to Sectional Summary: 1 | | R | |
| | Section No. 1 BUILDINGS Bill No. 8 PLASTERING | | | |

| Item No | | Quantity | Rate | Amount |
|---------|---|----------|------|--------|
| | <u>BILL NO 9</u> | | | |
| | <u>TILING</u> | | | |
| | <u>SUPPLEMENTARY PREAMBLES</u> | | | |
| | <u>Descriptions</u> | | | |
| | Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding | | | |
| | <u>WALL TILING</u> | | | |
| | <u>152 x 152 x 5mm White glazed ceramic tiles (PC R80/m2) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout</u> | | | |
| 1 | On walls | m2 | 1 | |
| 2 | On walls in isolated panels, splashbacks, etc | m2 | 1 | |
| | Carried Forward to Sectional Summary: 1 | | R | |
| | Section No. 1 BUILDINGS Bill No. 9 TILING | | | |

| Item No | <u>BILL NO 10</u> | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>GLAZING</u> | | | |
| | <u>GLAZING TO STEEL WITH PUTTY</u> | | | |
| | <u>4 mm Clear float glass</u> | | | |
| 1 | Panes not exceeding 0.1m2 | m2 | 3 | |
| | <u>4mm obscure glass</u> | | | |
| 2 | Panes not exceeding 0,1 m2 | m2 | 1 | |
| | Carried Forward to Sectional Summary: 1 | | R | |
| | Section No. 1 BUILDINGS Bill No. 10 GLAZING | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <p><u>BILL NO 11</u></p> <p><u>PAINTWORK</u></p> <p><u>PREPARATORY WORK TO EXISTING WORK</u></p> <p><u>Previously painted plastered surfaces</u></p> <p>Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth</p> <p><u>Previously painted metal surfaces</u></p> <p>Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal</p> <p><u>Previously painted wood surfaces</u></p> <p>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</p> <p><u>PAINTWORK ETC TO NEW WORK</u></p> <p><u>ON INTERNAL FLOATED PLASTER</u></p> <p><u>One coat alkali resistant primer and two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint for interior use</u></p> | | | |
| 1 | On internal walls | m2 | 111 | |
| | <p><u>ON PLASTER BOARD</u></p> <p><u>One coat alkali resistant primer and two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint for interior use</u></p> | | | |
| 2 | On ceilings and cornices | m2 | 39 | |
| | <p><u>ON FIBRE-CEMENT</u></p> | | | |
| | Carried forward | | | R |
| | <p>Section No. 1 BUILDINGS Bill No. 11 PAINTWORK</p> | | | |

| | | | | | |
|---|---|----|----|---|--|
| | Brought forward | | | R | |
| | <u>One coat alkali resistant primer and two coats low odour premium quality highly washable and stain resistant acrylic emulsion paint for interior use</u> | | | | |
| 3 | On fascias and barge boards | m2 | 12 | | |
| | <u>ON METAL</u> | | | | |
| | <u>One coat alkyd enamel paint</u> | | | | |
| 4 | On door frames | m2 | 3 | | |
| 5 | On window frames | m2 | 8 | | |
| | <u>ON WOOD</u> | | | | |
| | <u>Two coats wood varnish</u> | | | | |
| 6 | On doors | m2 | 7 | | |
| | <u>One coat interior quality PVA emulsion paint on work in good condition</u> | | | | |
| 7 | On doors | m2 | 10 | | |
| | Carried Forward to Sectional Summary: 1 | | | R | |
| | Section No. 1 BUILDINGS Bill No. 11 PAINTWORK | | | | |

| Item No | | Quantity | Rate | Amount |
|---------|--|----------|------|--------|
| | <u>BILL NO 12</u> | | | |
| | <u>PROVISIONAL SUM</u> | | | |
| | <u>ELECTRICAL INSTALLATION</u> | | | |
| 1 | Provide the sum of R 6500 (Six Thousand Five Hundred rand) for protection of electrical meter box during construction and install to new building including installing electrical wiring, lights, plugs, conduits, etc | Item | | |
| | <u>ACCOMODATION OF BENEFICIARIES</u> | | | |
| 2 | Provide the sum of R 4000.00 (Four Thousand rand) for accomodation of beneficiaries | Item | | |
| | <u>PLUMBING</u> | | | |
| 3 | Provide the sum of R 8500 (Eight Thousand Five Hundred rand) for internal plumbing, including sanitary wares, connection, etc | Item | | |
| | <u>CERTIFICATION OF COMPLETED HOUSE</u> | | | |
| 4 | Provide the sum of R1500 (One Thousand Five Hundred rand) for certification of the completed unit by a competent person | Item | | |
| | Carried Forward to Sectional Summary: 1 | | R | |
| | Section No. 1 | | | |
| | BUILDINGS | | | |
| | Bill No. 12 | | | |
| | PROVISIONAL SUMS | | | |

| | Section No. 1 | | | |
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