

SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW BHOSIKI POLICE STATION

132	<b>Environmental Management Plan</b> Fixed:..... Value related:..... Time related:.....	Item
<b><u>Specific Preliminaries Relating to Mechanical Works</u></b>		
133	<b>Shop drawings</b> Fixed:..... Value related:..... Time related:.....	Item
134	<b>As-built drawings - Relating to Mechanical Works</b> Fixed:..... Value related:..... Time related:.....	Item
135	<b>4 Sets of O&amp;M Manuals</b> Fixed:..... Value related:..... Time related:.....	Item
136	<b>Commissioning and Testing of the entire Mechanical System</b> Fixed:..... Value related:..... Time related:.....	Item
137	<b>Certificate of Compliance (COC) for the complete installation</b> Fixed:..... Value related:..... Time related:.....	Item
138	<b>Training of Client Personnel in HVAC Systems, etc.</b> Fixed:..... Value related:..... Time related:.....	Item
139	<b>Maintenance and Guarantee</b> Fixed:..... Value related:..... Time related:.....	Item

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**EARTHWORKS (PROVISIONAL)**

**CPAP WORK GROUP NO. 104 UNLESS  
OTHERWISE STATED**

The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)

**SUPPLEMENTARY PREAMBLES**

**Nature of ground**

A soils investigation has been carried out on the site by the engineer and the report is annexed to these Bills of Quantities.

**Carting away of excavated material**

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.

**Filling and layer work materials**

References such as "G1", "G2", etc and "C1", "C2", etc in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter.

**Testing**

Prices for filling are to include for all necessary density and other tests.

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**EXCAVATION, FILLING, ETC. OTHER THAN BULK**

**EXCAVATIONS, ETC.**

**Excavation in earth not exceeding 2m deep**

1	Trenches (LI)	m3	691
2	Holes (LI)	m3	7
3	Thickening under surface beds etc. (LI)	m3	16

**Extra over excavations in earth for excavation in earth for**

4	Soft rock (LI)	m3	71
5	Hard rock (LI)	m3	36

**Extra over all excavations for carting away**

6	Surplus material from excavations and/or stock piles on site, to a dumping site to be located by the contractor	m3	462
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**Risk of collapse of excavations**

7	Sides of trench and hole excavations not exceeding 1,5m deep (LI)	m2	1,417
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**Keeping excavations free of water**

8	Keeping excavations free of all water other than subterranean water		Item
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**FILLING, ETC.**

**Earth filling obtained from the excavations and/or prescribed stock piles on site, compacted to 95% Mod AASHTO density**

9	Backfilling to trenches, holes, etc. (LI)	m3	252
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<b><u>Compaction of ground surfaces</u></b>		
10	Compaction of natural or excavated ground surface under floors etc, including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 98% Mod AASHTO density	m2 1,684
<b><u>LAYER WORK</u></b>		
<b><u>Filling supplied by the contractor under floors</u></b>		
11	Subbase course of G5 natural gravel material, compacted to 98% Mod AASHTO density	m3 758
<b><u>Filling supplied by the contractor under floors</u></b>		
12	Subbase course of G9 natural gravel material, compacted to 93% Mod AASHTO density	m3 8
<b><u>WEED KILLERS, INSECTICIDES, ETC</u></b>		
<b><u>Soil insecticide in accordance with SANS 5859</u></b>		
13	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2 1,684
14	To bottoms and sides of trenches etc	m2 2,122
<b><u>TESTS</u></b>		
<b><u>Prescribed tests to determine degree of compaction or other properties of ground or filling</u></b>		
15	"Modified AASHTO Density" test	No 68
16	"Field Density" test, including "Optimum Moisture Content" test (four readings per test)	No 34

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Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 2</u></b></p> <p><b><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></b></p> <p><b><u>SUBJECT TO ESCALATION AS INDICATED BELOW</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition)</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Cost of tests</u></b></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G, shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests to the Principal Agent / Engineer. The testing shall be undertaken by an independent firm or institution nominated by the contractor to the approval of the Principal Agent / Engineer.</p> <p><b><u>Formwork</u></b></p> <p>Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use.</p> <p>The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.</p>			
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Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.

Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described.

Formwork to sides of bases, pile caps, ground beams, etc will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks".

**CPAP WORK GROUP NO. 110 UNLESS OTHERWISE STATED**

**UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**10MPa/19mm concrete**

1	Surface blinding under footings and bases (Provisional) (LI)	m3	35
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**REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES**

**25MPa/19mm concrete**

2	Thickening (Provisional) (LI)	m3	14
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**REINFORCED CONCRETE CAST ON/IN FORMWORK**

**25MPa/19mm concrete**

3	Strip footings (Provisional) (LI)	m3	221
4	Bases (Provisional) (LI)	m3	6
5	Surface beds cast in panels on waterproofing (LI)	m3	286
6	Slabs including beams and inverted beams (LI)	m3	5

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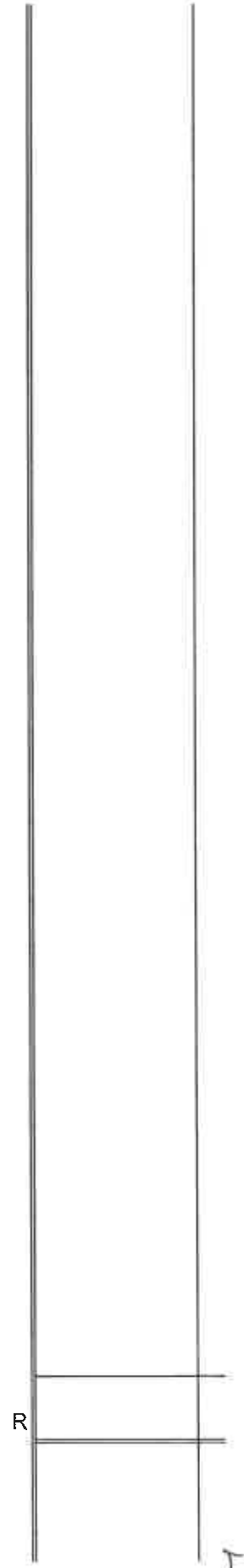
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7	Concrete infill (LI)	m3	96
	<b><u>30MPa/19mm concrete</u></b>		
8	Bases (LI)	m3	13
9	Slabs including beams and inverted beams (LI)	m3	100
10	Isolated beams (LI)	m3	8
11	Walls in foundations (Provisional) (LI)	m3	10
12	Walls (LI)	m3	39
	<b><u>TEST CUBES</u></b>		
13	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	90
	<b><u>CONCRETE SUNDRIES</u></b>		
	<b><u>Finishing top surfaces of concrete smooth with a power float</u></b>		
14	Surface beds, slabs, etc. (LI)	m2	1,684
	<b><u>Finishing top surfaces of concrete smooth with a wood float</u></b>		
15	Surface beds, slabs, etc. to falls (LI)	m2	487
16	Tops of beams, walls, etc (LI)	m2	23
	<b><u>CPAP WORK GROUP NO. 111 UNLESS OTHERWISE STATED</u></b>		
	<b><u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u></b>		
	<b><u>Rough formwork to sides</u></b>		
17	Strip footings (Provisional) (LI)	m2	514
18	Bases (Provisional) (LI)	m2	8
	<b><u>ROUGH FORMWORK (DEGREE OF ACCURACY II)</u></b>		
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<b><u>Rough formwork to sides</u></b>		
19	Walls in foundations (Provisional) (LI)	m2 90
<b><u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u></b>		
<b><u>Smooth formwork to sides</u></b>		
20	Bases	m2 4
21	Walls with total height exceeding 3.5m and not exceeding 5m high above bearing level	m2 342
22	Inverted beams above concrete propped up exceeding 3,5m and not exceeding 5m high	m2 29
23	Isolated wall beams propped up exceeding 5m and not exceeding 6.5m high	m2 26
24	Isolated wall beams propped up exceeding 6,5m and not exceeding 8m high	m2 42
25	Edges, risers, ends and reveals not exceeding 300mm high or wide	m 470
<b><u>Smooth formwork to soffits</u></b>		
26	Slabs propped up exceeding 3,5m and not exceeding 5m high	m2 419
<b><u>Boxing in smooth formwork to form</u></b>		
27	25 x 25mm Chamfers along top or bottom edges	m 164
28	25 x 25mm Vertical chamfers at corners	m 23
<b><u>CPAP WORK GROUP NO. 110 UNLESS OTHERWISE STATED</u></b>		
<b><u>MOVEMENT JOINTS ETC</u></b>		
<b><u>Two layers of three malthoid in slip joints between horizontal concrete and brick surfaces including cement mortar bed</u></b>		
29	Not exceeding 300mm wide	m 132

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	<b><u>10mm Isolation joints between horizontal concrete and brick surfaces</u></b>		
30	Not exceeding 300mm high to edges of surface beds	m	1,333
	<b><u>Saw-cut joints</u></b>		
31	3 x 40mm Saw-cut joints including reaming out 10 x 40mm deep in top of concrete	m	1,339
	<b><u>CPAP WORK GROUP NO. 114 UNLESS OTHERWISE STATED</u></b>		
	<b><u>REINFORCEMENT (PROVISIONAL)</u></b>		
	<b><u>Mild tensile steel reinforcement to structural concrete work</u></b>		
32	Bars in various diameters	t	4.88
	<b><u>High tensile steel reinforcement to structural concrete work</u></b>		
33	Bars in various diameters	t	43.91
	<b><u>Fabric reinforcement</u></b>		
34	Type 617 fabric reinforcement horizontally in concrete surface beds etc	m2	1,684
35	Type 358 'BetaFence, Clear Vu Mesh Fencing' or other equal and approved 100 x 200 x 5mm thick high tensile double skin welded mesh reinforcement in zincalu coating vertically in concrete core infill in walls	m2	675

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<p>Section No. 2 Bill No. 3 MASONRY</p>			<p>Carried to Collection</p> <p>R</p>

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**Pointing**

Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.

**Cavity walls**

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.

**BRICKWORK**

**FOUNDATIONS (PROVISIONAL)**

**Brickwork of NFX bricks (14 MPa nominal compressive strength) in class II mortar**

1	One brick walls	m2	260
2	270mm Cavity walls of two half brick skins, with 50mm cavity including galvanised crimped wall ties	m2	474

**SUPERSTRUCTURE**

**Brickwork of NFP bricks in class II mortar**

3	Half brick walls (LI)	m2	545
4	Half brick walls in beamfilling (LI)	m2	139
5	Half brick wall linings (LI)	m2	76
6	One brick walls (LI)	m2	863
7	270mm Cavity walls of two half brick skins, with 50mm cavity and galvanised crimped wall ties (LI)	m2	1,420
8	440 x 440mm brick piers (LI)	m3	2

**BRICKWORK SUNDRIES**

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<b><u>Cavity walls</u></b>		
9	Closing 50mm cavities of hollow walls vertically with brickwork half brick wide	m 463
<b><u>Bagging of 1:3 cement and sand mixture</u></b>		
10	On outer face of inner skin of brick walls including any additional labour required in raising wall in two separate skins and working around wire ties and / or brick reinforcing fabric (LI)	m2 1,823
<b><u>Joint forming material in movement joints</u></b>		
11	10mm Bitumen impregnated fibre board built in vertically between brick walls	m2 174
12	10mm Bitumen impregnated fibre board built in vertically between brick walls and concrete columns	m2 41
<b><u>2.5mm Galvanised brick reinforcement</u></b>		
13	110 x 75mm Wide reinforcement built in horizontally (LI)	m 3,312
14	110 x 150mm Wide reinforcement built in horizontally (LI)	m 19,182
<b><u>Prestressed fabricated concrete lintels including necessary temporary supports</u></b>		
15	110 x 75mm Lintels in lengths not exceeding 3m (LI)	m 290
16	110 x 75mm Lintels in lengths exceeding 3m (LI)	m 92
<b><u>Galvanised wire ties etc</u></b>		
17	4mm Diameter wall tie built into brickwork at 800mm centres	No 2,778
<b><u>Galvanised steel straps, etc.</u></b>		
18	32 x 1,6mm Thick galvanised steel straps 400mm long with one end built into brickwork and the other end fixed with 'Hilti' drive pin or equally approved shot fired into existing brick wall	No 350
<b><u>Air bricks, etc.</u></b>		
19	230 x 150mm Fire clay air brick (LI)	No 440

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**FACE BRICKWORK**

**"Corobrik" or other equal and approved red clay face bricks, in "Roan Satin" pointed with recessed horizontal and flush vertical joints**

20	Extra over brickwork for face brickwork (LI)	m2	1,425
21	Extra over brickwork for face brick piers (LI)	m2	21
<b><u>"Corobrik" or other equal and approved brick-on-edge header course copings, sills, etc. of red clay face bricks, in "Roan Satin" pointed with recessed horizontal and flush vertical joints</u></b>			
22	Extra over brickwork for brick-on-edge header course lintels one course high, pointed on face (LI)	m	208
23	220mm Wide sills set sloping and slightly projecting (LI)	m	75

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	<b><u>WATERPROOFING</u></b>			
	<b><u>CPAP WORK GROUP NO. 120 UNLESS OTHERWISE STATED</u></b>			
	The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Waterproofing</u></b>			
	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.			
	<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>			
	<b><u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u></b>			
1	In walls, under sills, etc. (LI)	m2	243	
	<b><u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u></b>			
2	Under surface beds (LI)	m2	1,684	
	<b><u>Two coats bitumen emulsion waterproof coating</u></b>			
3	On concrete walls in foundations (Provisional) (LI)	m2	90	
4	On bagged brick walls (LI)	m2	1,823	
	<b><u>WATERPROOFING TO ROOFS ETC</u></b>			
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	<u>4mm "Derbigum SP, Sika" or other equal and approved waterproofing membrane, with 75mm side laps and 100mm end laps, sealed to primed surface to falls and crossfalls by 'torch-fusion' finished with two coats bituminous aluminium paint (elsewhere measured)</u>		
5	On flat roofs	m2	74
6	On turn-ups and turn-downs exceeding 300mm girth	m2	25
7	50mm triangular fillet	m	57
8	Dressing and sealing into 100mm internal diameter outlet, including additional membrane	No	8
	<u>Two coats bituminous aluminium paint</u>		
9	On waterproofing to roofs	m2	74
	<u>"Sika, ABE" or other equal and approved Cemflex acrylic based emulsion waterproofing and bonding agent, mixed and applied in accordance with the manufacturer's instructions including Cemflex fabric</u>		
10	On shower floors	m2	9
11	On shower walls	m2	56
	<u>PROTECTIVE STONE DRESSING</u>		
	<u>Clean crushed stone dressing free of pyrite or other contaminants, of 20 - 25mm stone evenly spread with larger stones around outlets</u>		
12	50mm Thick on waterproofing to flat roofs	m2	74
	<u>WATERSTOPS, SEALING STRIPS, JOINT SEALANTS, ETC</u>		
	<u>"Dow Corning 813C, Den Braven" or other equal and approved silicone sealing compound including 12mm diameter backing cord, bond breaker, primer, etc.</u>		
13	10 x 10mm In isolation joints in floors etc including raking out expansion joint filler as necessary	m	1,333
14	15 x 10mm In saw cut joints in floors	m	1,339

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15 10 x 10mm in movement joints between brick walls

m

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CONSTRUCTION OF THE NEW BHOSIKI POLICE STATION**

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 5</u></b></p> <p><b><u>ROOF COVERINGS, CLADDINGS, ETC</u></b></p> <p><b><u>CPAP WORK GROUP NO. 124 UNLESS OTHERWISE STATED</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Profiled metal sheeting and accessories</u></b></p> <p>Roof sheeting systems are to be manufactured in strict accordance with the supplier's specifications.</p> <p>Fixing of all roof sheeting is to be in accordance with the manufacturer's approved instruction book.</p> <p>The manufacturer shall comply with ISO9002 Quality Management System.</p> <p><b><u>PROFILED METAL SHEETING AND ACCESSORIES</u></b></p> <p><b><u>"Global Roofing Solutions, Safintra" or other equal and approved 0.58mm thick 700mm cover Klip-Tite™ profile Chromadek® Z200 spelter ISO550 Pebble Grey backing coat roof sheeting, fixed to timber intermediate purlins at MAX 1200mm centres and eaves and ridge purlins at MAX 1200mm centres (final spacing to be calculated by an Engineer) using KL700 plus clips fixed with 10No.11 x 45mm long self-drilling wafer head PH2 screws, type 17 drill point fasteners (fastener lengths may vary depending on the insulation used or requirements), all following the manufacturer's specifications by a GRS approved contractor</u></b></p>			
1	Roof covering with pitches not exceeding 25 degrees	m2	1,852	
	<b>Carried to Collection</b>			R
	Section No. 2 Bill No. 5 ROOF COVERINGS, CLADDINGS, ETC.			

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SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW BHOSIKI POLICE STATION

**0.58mm Z200 Spelter galvanized steel sheet accessories suitable for "Klip-Tite, Safintra" or other equal and approved, sheeting**

2	Roll-top type ridge capping 550mm girth once bent, including dressing edges into corrugations of roof covering on both sides	m	103
3	Valley gutters 450mm girth once bent	m	67
4	Narrow and broad flute closers 462mm girth	m	103
5	Narrow and broad flute closers 462mm girth, raking at valleys or hips	m	67
6	IBR pattern polyclosures to underside of ridge capping	m	103
7	IBR pattern polyclosures to underside of rake at valleys or hips	m	67

**ROOF AND WALL INSULATION**

**60mm Thick "IsoBoard, Lamdaboard" or other equal and approved Thermal Insulation**

8	Insulation sheeting laid taut over purlins and fixed concurrent with roof covering with minimum 150mm stapled laps including galvanised steel straining wires at not exceeding 400mm centres and double-sided tape at edges where required	m2	1,288
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Section No. 2  
Bill No. 5  
ROOF COVERINGS, CLADDINGS, ETC.

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**SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW BHOSIKI POLICE STATION**

Section No. 2

Bill No. 5

ROOF COVERINGS, CLADDINGS, ETC.

**COLLECTION**

Total Brought Forward from Page No.

**Page  
No**

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66

**Amount**

**Carried Forward to Summary of Section No. 2**

Section No. 2

Bill No. 5

ROOF COVERINGS, CLADDINGS, ETC.

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**SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW BHOSIKI POLICE STATION**

<u>Design, supply and install plate nailed timber roof trusses</u>		
1	Design, supply and install roof truss system complete in accordance with the Standard Building Regulations, including cross battens at hips, valleys, etc., fixed to trusses with and including ring shank nails, hurricane clips at exposed sections and at ridges, temporary and permanent bracing, etc., to suit roof area approximate size <b>1854m<sup>2</sup></b> (on flat floor area inclusive of overhangs)	No 1
2	Allowance for the issue of TR1 and TR2 certificates after completion of entire roof installations, signed by a competent person	No 1
<b><u>ROOF CONSTRUCTION</u></b>		
<b><u>Wrought softwood</u></b>		
3	38 x 114mm Wall plates (LI)	m 520
4	76 x 50mm Purlins (LI)	m 2,781
5	76 x 76mm Splayed gutter purlins (LI)	m 1,040
6	76 x 50mm Timber backing board fixed onto rafter for fascia and barge boards	m 520
<b><u>Sawn softwood Grade 7</u></b>		
7	75 x 511mm Timber beam	m 8
<b><u>EAVES, VERGES, ETC</u></b>		
<b><u>"Everite Nutec, Pelican Fibre Cement" or other equal and approved high density plain fibre-cement fascias and barge boards</u></b>		
8	12 x 228mm Fascia boards including aluminium H-profile fascia joiners fixed with galvanised screws and washers (LI)	m 520

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Section No. 2  
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CARPENTRY AND JOINERY

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**"Everite Nutec, Pelican Fibre Cement" or other equal and approved medium density plain fibre-cement flat sheets**

9	Fibre cement cladding system with overall thickness of 64mm, comprising subframe formed of 51mm galvanised steel studs fixed at 600mm centres to galvanised steel truss tiebeam, clad with 10mm thick straight edged medium density perforated Nutec board, manufactured in accordance with SANS 803:2005, secured to studding at maximum 250mm centres using 8 x 20mm drywall screws, minimum of 12mm from edge of sheet. All joints covered using H-profile PVC cover strips in accordance with the manufacturers recommendations.	m2	520
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**DOORS, ETC.**

Note: Tenderer's are to refer to Architect's Window and Door Schedule as attached to these Bill of Quantities Refer to drawing number 500 Rev 2 and drawing number 550 Rev 1.

**Solid hardwood meranti**

10	44mm Thick solid door overall size 900 x 2400mm high (LI)	No	66
11	44mm Thick solid door overall size 900 x 2400mm high including opening for ventilation louvre overall size 300 x 500mm high (measured elsewhere) (LI)	No	3

**Class B (2 Hour) Fire Rated Doors**

12	Double door overall size 1432 x 2116mm high with two equal leaves 700mm wide, including pressed steel frame for 270mm brick cavity wall and preparing frame for door closers (LI)	No	1
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**SPECIAL DOORS**

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CARPENTRY AND JOINERY

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	<p><b><u>"Mutual Austen Safes, Simpsons Safe" or other equal and approved level G3 bullet resistant Anti-bandit door with 100mm x 50mm x 3mm gauge mild steel frame (Code: G3-ABD-RH-VP-A-00), overall size 925mm x 2100mm high including Sapele veneer finish with 250mm x 500mm high viewing panel glazed in 53mm thick clear glass supplied with 5-pin CISA dead lock with an additional heavy duty magnetic lock and striker including key switch and surface mounted casing, 6 Amp power supply, push buttons and interlock system, continuous roton type hinge, aluminium slam bar with heavy duty door closer (Dorma TS91) and D-style pull handles</u></b></p>			
13	<p>Single door overall size 925 x 2105mm high including 300 x 500mm high viewing panel</p>	No	1	
	<p><b><u>"Gunnebo SA Installations, Simpsons Safe" or other equal and approved high traffic AK47 right hand opening interior bullet resistant door, finished with Red Oak plywood on both sides, with continuous aluminium hinges, mass 205kg, with 53mm bullet resistant glass vision panel, with 1 x 3G114 deadlock 1 x 500kg Maglock and heavy duty door closer, to fit wall opening 2105 x 950mm wide</u></b></p>			
14	<p>Single door overall size 950 x 2105mm high including 300 x 500mm high viewing panel</p>	No	1	
	<p><b><u>PANELLING</u></b></p>			
	<p><b><u>"Eva-Last, Best Deck" or other equal and approved timber screen panelling</u></b></p>			
15	<p>Slatted panelling formed of 30 x 50 x 5800mm long horizontal slats at 30mm centres, supported by 60 x 60 x 6mm thick equal angles at 600mm centres, fixed with mechanical anchors embedded minimum 80mm into solid clay bricks</p>	m2	16	
	<p><b><u>FITTINGS</u></b></p>			
	<p><b><u>COUNTERS, CUPBOARDS AND WORK TOPS</u></b></p>			
	<p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p>			
	<p style="text-align: right;">Carried to Collection</p>			R
	<p>Section No. 2 Bill No. 6 CARPENTRY AND JOINERY</p>			

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