

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

<b>Brought Forward</b>			R
5	Side wall flashing, 506 mm girth, two times bent, including fixings (LI)	m	143
6	Head wall flashing 375 mm girth, two times bent, including fixings (LI)	m	110
7	Drip flashing, 231 mm girth, three times bent, including fixings (LI)	m	565
8	Counter-flashings, 180 mm girth, two times bent, including fixings (LI)	m	254
9	Valley flashings, 610 mm girth, four times bent, including fixings (LI)	m	58
10	Sondor IBR pattern polyclosures to match sheeting profile (LI)	m	293

**ROOF INSULATION**

**Non-combustible Aluminium Foil based insulation**

11	135mm Glass mineral insulation laid taut over purlins and fixed concurrent with roof covering including galvanised steel straining wires and 48mm DS tape, all as per manufacturer's instructions (LI)	m2	1,954
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**Carried Forward to Summary of Section No. 2**

Section No. 2  
Bill No. 6  
Roof Coverings, Etc.

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

Item  
No

Quantity      Rate      Amount

**SECTION NO. 2**

**NEW BUILDINGS**

**BILL NO. 7**

**CARPENTRY AND JOINERY**

**(CPAP WORK GROUP NO. 126 UNLESS OTHERWISE STATED)**

The Tenderers are referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition)

**SUPPLEMENTARY PREAMBLES**

**Fixing**

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere

**Joinery**

The following joinery fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, soft and hard wood, decorative plastic finish, formica, post-forming, glass, ironmongery, metalwork, paint or varnish finishes, etc. In addition rates for items must include for all cupboards, shelving, worktops, etc. applicable to the designated room as shown on the relevant attached drawings

**Carried Forward**

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Section No. 2  
Bill No. 7  
Carpentry and Joinery

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<p>Rates are to include for securely fixing the units in position with necessary nylon anchors, etc., or suitable fasteners when fixing to brickwork and for touching up and making good to any damaged paintwork or parts after the units have been installed</p> <p><b><u>PREFABRICATED TIMBER ROOF TRUSSES, ETC</u></b></p> <p><b><u>NOTE:</u></b></p> <p>Timber roof trusses are to comply with SABS Code of Practice 0243. (The design, manufacture and erection of timber trusses, including nail-plated and bolted trusses with lapped members).</p> <p>The following is applicable in respect of roof trusses:</p> <p>Trusses are at maximum 1200mm centres. Roof covering is corrugated profiled metal sheeting colour one side on 50 x 75mm purlins. Ceilings are nailed gypsum plasterboard and suspended ceiling tiles on brandering.</p> <p>The dimensions in the descriptions of the trusses are nominal and actual measurements are to be obtained from site before design or fabrication commences</p> <p><b><u>Design, supply and install plate nailed treated timber roof trusses</u></b></p>			
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, timber beams, etc. to suit roof area approximate size <b>163m<sup>2</sup> - Living Quarters (on flat roof area inclusive of overhangs)</b> (LI)	No	1	
2 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, timber beams, etc. to suit roof area approximate size <b>1819m<sup>2</sup> - Main Building (on flat roof area inclusive of overhangs)</b> (LI)	No	1	
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	<b>Brought Forward</b>			R
3	Allowance for the issue of TR1 and TR2 certificates after completion of entire roof installation, signed by a competent person (LI)		Item	
	<b><u>ROOF, ETC.</u></b>			
	<b><u>Treated sawn softwood</u></b>			
4	38 x 110mm Wall plates (LI)	m		215
5	50 x 75mm Purlins (LI)	m		2,892
6	75 x 114mm Timber backing board fixed onto brickwork for apex and barge flashing (LI)	m		315
7	Timber framework consisting of 50 x 75mm purlins fixed to fixed brickwork at 700mm centres in one direction to support metal roof side cladding (elsewhere measured) (LI)	m		487
	<b><u>EAVES, VERGES, ETC</u></b>			
	<b><u>Medium density plain fibre-cement</u></b>			
8	8 x 225mm Fibre cement fascia boards (LI)	m		215
	<b><u>DOORS, ETC</u></b>			
	<b><u>The Tenderers are referred to the Architect's Door schedule S4-500A Rev 6 when pricing the following items</u></b>			
	<b><u>Note: Rates must include for hanging (frames, etc elsewhere measured)</u></b>			
	<b><u>44mm Solid core flush panel timber door with hardboard finish both sides and F-jointed softwood concealed edges strip suitable for painting, hung to steel frames</u></b>			
9	Single door overall size 813 x 1500mm high (Door type: TD-C)	No	1	
10	Single door overall size 813 x 1882mm high (Door type: TD-H)	No	26	
11	Single door overall size 813 x 2032mm high (Door type: TD-A, TD-B, TD-P, TD-Q & TD-S)	No	83	
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12	Single door overall size 813 x 2032mm high, including 150 x 800mm high viewing panel with 6.3mm safety glazing (Door type: TD-N)	No	3
13	Single door overall size 813 x 2032mm high, including 300 x 300mm aluminium louvre grille (Door type: TD-R)	No	24
14	Single door overall size 900 x 2032mm high (Door type: TD-JB)	No	1
15	Single door overall size 900 x 2032mm high, including 150 x 800mm high viewing panel with 6.3mm safety glazing (Door type: TD-L)	No	2
16	Single door overall size 900 x 2032mm high, including 300 x 300mm aluminium louvre grille (Door type: TD-JA)	No	6
17	Double door with rebated meeting stiles, overall size 1510 x 2032mm high with equal active leaves (Door type: TD-U)	No	1
<p><b><u>44mm Framed, ledged, braced and battened solid hardwood timber door, mortice jointed including double bottom rail suitable for painting, hung to steel frames</u></b></p>			
18	Single door overall size 813 x 2032mm high (Door type: TD-F)	No	10
19	Single door overall size 900 x 2032mm high (Door type: TD-G & TD-T)	No	3
<p><b><u>44mm Framed, ledged, braced and battened solid hardwood stable timber door, mortice jointed including double bottom rail suitable for painting, hung to steel frames</u></b></p>			
20	Single door overall size 813 x 2032mm high (Door type: TD-D)	No	9
21	Single door overall size 900 x 2032mm high (Door type: TD-E)	No	1
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	Brought Forward			R
	<b><u>SPECIALIST DOORS</u></b>			
	<u>The Tenderers are to referred to the Architect's Door schedule S4-500A Rev 6 when pricing the following items.</u>			
	<u>Level G3 bullet resistant anti-bandit door to comply with SANS 10400, hung to and including steel frames, locks, hinges, door closers, etc. completely supplied</u>			
22	44mm Solid core flush panel timber bullet resistant door overall size 813 x 2032mm high (Door type: BR-B & BR-C)	No	4	
	<u>Fire door Class B installed in strict accordance to manufacturers instructions with a 60 minute fire rating, with 3,6mm treated commercial ply suitable for painting on both sides, including intumescent strip to top of door, hardwood edges, external faces clad with galvanised mild steel panels, and 1,8mm thick hot dipped galvanised mild steel frame (Door ironmongery elsewhere measured)</u>			
23	44mm Solid core flush panel timber fire door, size 900 x 2032mm high (Door type: ED-A)	No	5	
	<b><u>CLADDING, ETC</u></b>			
	<b><u>Timber cladding</u></b>			
24	50 x 13mm Thick wax impregnated timber cladding, including subframe, fixings, accessories, trims, etc. and 32 x 32mm timber bearers, screws, etc., fixed to brickwork, complete (Refer to Architect's Drawing No. S4-702 Rev 5)	m2	15	
	<b>Carried Forward</b>			R

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**JOINERY**

The following joinery fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, soft and hard wood, decorative plastic finish, formica, post-forming, glass, ironmongery, metalwork, paint or varnish finishes, etc. In addition rates for items must include for all cupboards, shelving, worktops, etc. applicable to the designated room as shown on the relevant attached drawings

Unless otherwise stated, rates will be deemed to include for 1no. pair concealed CPBD hinges with 3mm adjustable plates and a chrome plated or stainless steel handle for all doors. Samples are to be approved by Architect prior to manufacturing of joinery

**DESKS, ETC**

**Timber Desks, Timber Worktop, etc**

25 Desk unit, size 1500 x 900mm high, consisting of 16mm thick "PG Bison" or other equal and approved moisture resistant carcass with a 32mm post formed work top, modesty screen and including one 450 x 180 x 600mm deep drawer and one 450 x 550 x 600mm deep under counter cupboards with one 450 x 600mm adjustable shelves in each cupboard, seated on a 150mm high compact mop board, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-702 Rev 5)

No 1

26 Desk unit, size 2400 x 900mm high, consisting of 16mm thick "PG Bison" or other equal and approved moisture resistant carcass with a 32mm post formed work top, modesty screen and including two 450 x 180 x 600mm deep drawers and two 450 x 550 x 600mm deep under counter cupboards with one 450 x 600mm adjustable shelves in each cupboard, seated on a 150mm high compact mop board, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-702 Rev 5)

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	<b>Brought Forward</b>			R
27	Desk unit, size 4300 x 750mm high, consisting of 16mm thick "PG Bison" or other equal and approved moisture resistant carcass with a 32mm post formed work top, including two 580 x 420 x 190mm deep drawers and two 390 x 420 x 580mm deep under counter cupboards with one 420 x 580mm deep adjustable shelves in each cupboard, seated on a 150mm high compact mop board, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-702 Rev 5)	No	1	
28	Desk unit, size 4760 x 900mm high, consisting of 16mm thick "PG Bison" or other and equal approved moisture resistant carcass with a 32mm post formed work top, including two 600 x 450 x 180mm deep drawers and two 630 x 585 x 600mm deep under counter cupboards with one 510 x 600mm deep adjustable shelves in each cupboard, seated on a 150mm high compact mop board, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-702 Rev 5)	No	1	
	<b><u>SHELVING, RACKS, LOCKERS ETC.</u></b>			
	<b><u>"Euroshelf" or other equal and approved</u></b>			
29	Wall mounted shotgun rack, overall size 2670 x 2500, including two rows of 152 x 38mm hardwood barrel support fixed to a 32 x 70mm hardwood wall brackets and 292mm wide softwood butt support fixed to a 104 x 25mm hardwood middle rail and a softwood bracing to provide support, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No	1	
30	Wall mounted shotgun rack, overall size 2700 x 2500, including two rows of 152 x 38mm hardwood barrel support fixed to a 32 x 70mm hardwood wall brackets and 292mm wide softwood butt support fixed to a 104 x 25mm hardwood middle rail and a softwood bracing to provide support, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No	1	
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**SOUTH AFRICAN POLICE SERVICES  
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Brought Forward		R
31	Wall mounted shotgun rack, overall size 2970 x 2500, including two rows of 152 x 38mm hardwood barrel support fixed to a 32 x 70mm hardwood wall brackets and 292mm wide softwood butt support fixed to a 104 x 25mm hardwood middle rail and a softwood bracing to provide support, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No 1
32	Wall mounted epoxy coated mild steel shelf unit, size 920 x 420 x 1925mm high, including top and bottom shelves, support posts, brackets, etc., complete (Refer to Architect's Drawing No. S4-707 Rev 7)	No 1
33	Wall mounted epoxy coated mild steel shelf unit, size 1150 x 420 x 1925mm high, including top and bottom shelves, support posts, brackets, etc., complete (Refer to Architect's Drawing No. S4-707 Rev 7)	No 18
<p><b><u>22mm Thick "Meranti" or other equal and approved supported with 250 x 250mm mild steel shelf supports fixed onto 50 x 25mm thick hardwood beams with 30mm countersunk self-tapping wood screws, finished with two coats of polyurethane varnish or as indicated on joinery schedule and details</u></b></p>		
34	Timber shelving size 1100 x 450 x 2400mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No 3
35	Timber shelving size 1415 x 450 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No 1
36	Timber shelving size 1620 x 450 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No 1
<b>Carried Forward</b>		R
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**SOUTH AFRICAN POLICE SERVICES  
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	<b>Brought Forward</b>			R
37	Timber shelving size 2305 x 350 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
38	Timber shelving size 2330 x 450 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No	1	
39	Timber shelving size 2450 x 350 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No	1	
	<b><u>22mm Thick "Meranti" or other equal and approved supported with 350 x 400mm mild steel shelf supports fixed onto 50 x 25mm thick hardwood beams with 30mm countersunk self-tapping wood screws, finished with two coats of polyurethane varnish or as indicated on joinery schedule and details</u></b>			
40	Timber shelving size 1200 x 450 x 900mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-704 Rev 5)	No	2	
41	Timber shelving size 1730 x 450 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
42	Timber shelving size 2440 x 450 x 2275mm high complete with 5 shelves division at equal centres, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
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**SOUTH AFRICAN POLICE SERVICES  
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Brought Forward		R
<b><u>Microwave shelf formed of 16mm "PG Bison" melamine boards or other equal and approved</u></b>		
43	Microwave shelf, overall size 770 x 500 x 600mm deep, with cut out for electricity outlet, including all fixings, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 15
<b><u>Lockers formed of 12mm "Staron" high impact laminate waterproof board or other equal and approved</u></b>		
44	Wall mounted locker unit overall size 700 x 1800mm x 450mm deep, consisting of two 350 x 368 x 450mm deep overhead boot storage cupboard, two 350 x 826 x 450mm deep hanging space with a stainless steel hanging rail and two 175 x 826mm high doors for each locker and two 350 x 388 x 450mm deep lower level boot storage cupboard, seated on a 170mm high, 12mm thick carbon white laminate plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 2
45	Wall mounted locker unit overall size 2800 x 1800mm x 450mm deep, consisting of eight 350 x 368 x 450mm deep overhead boot storage cupboard, eight 350 x 826 x 450mm deep hanging space with a stainless steel hanging rail and two 175 x 826mm high doors for each locker and eight 350 x 388 x 450mm deep lower level boot storage cupboard, seated on a 170mm high, 12mm thick carbon white laminate plint, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 2
46	Wall mounted locker unit overall size 3150 x 1800mm x 450mm deep, consisting of nine 350 x 368 x 450mm deep overhead boot storage cupboard, nine 350 x 826 x 450mm deep hanging space with a stainless steel hanging rail and two 175 x 826mm high doors for each locker and nine 350 x 388 x 450mm deep lower level boot storage cupboard, seated on a 150mm high, 12mm thick carbon white laminate plint, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-706 Rev 5)	No 1
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SOUTH AFRICAN POLICE SERVICES  
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Brought Forward		R
<b><u>COUNTER TOPS, WORKTOPS ETC.</u></b>		
<b><u>Worktops, formed of 16mm thick "PG Bison MR Bisonbord" carcass and 32mm Formica post formed worktops and 16mm melamine finished colour Bisonbord doors or other equal and approved</u></b>		
47	Floor mounted worktop, overall size 1200 x 770 x 600mm deep consisting of 16mm thick moisture resistant carcass with a 32mm post formed work top, including one 430 x 110 x 600mm deep drawer, seated on a 150mm high compact mop board, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-702 Rev 5)	No 5
<b><u>Worktops, formed of 30mm engineered stone with 3mm radius edges fixed to brickwork (elsewhere measured), including necessary mortar beds, jointing between brickwork (Refer to Architect's Drawing No. S4-702 Rev 5)</u></b>		
48	1200 x 400mm Wide engineered stone worktop fixed to top of brickwork (elsewhere measured)	No 5
49	4300 x 400mm Wide engineered stone worktop fixed to top of brickwork (elsewhere measured)	No 1
<b><u>CUPBOARDS, ETC.</u></b>		
<b><u>Kitchen cupboards formed of a 16mm thick "PG Bison MR Bisonbord" carcass and 30mm engineering stone worktops with 3mm radiused edges including cutout for sink and 16mm melamine finished colour Bisonbord doors or other equal or approved</u></b>		
50	Sink cupboard, overall size 1560 x 900 x 600mm deep consisting of one 900 x 750 x 600mm deep under-counter cupboard with two doors, a 900 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), three 500 x 150 x 600mm deep drawers and one 450 x 240 x 600mm deep double bottom drawer, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 1
<b>Carried Forward</b>		<b>R</b>
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	Brought Forward			R
51	Sink cupboard, overall size 1970 x 900 x 600mm deep consisting of one 900 x 750 x 600mm deep under-counter cupboard with two doors, one 400 x 750 x 600mm deep under-counter cupboard, one 1300 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
52	Sink cupboard, overall size 2010 x 900 x 600mm deep consisting of one 900 x 750 x 600mm deep under-counter cupboard with two doors, one 525 x 600mm deep under-counter cupboard with one door, a 900 x 600mm deep adjustable shelf, a 525 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), three 550 x 150 x 600mm deep drawers and one 550 x 250 x 600mm deep double bottom drawer, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
53	Sink cupboard, overall size 2110 x 900 x 600mm deep consisting of one 900 x 750 x 600mm deep under-counter cupboard with two doors, a 900 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), three 450 x 150 x 600mm deep drawers and one 450 x 240 x 600mm deep double bottom drawer, including 720 x 720 x 600mm deep space under counter, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
54	Sink cupboard, overall size 2350 x 900 x 600mm deep consisting of two 900 x 720 x 600mm deep under-counter cupboard with two doors, a 1800 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), three 500 x 150 x 600mm deep drawers and one 500 x 230 x 600mm deep double bottom drawer, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No	1	
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55	Sink cupboard, overall size 2600 x 896 x 600mm deep consisting of two 1040 x 776 x 600mm deep under-counter cupboard with two doors and a door mounted stainless steel refuse bin (elsewhere measured), one 620 x 150 x 600mm deep drawers and two 620 x 313 x 600mm deep double bottom drawers, seated on a 100mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-200 Rev 8)	No 10
56	Sink cupboard, overall size 3150 x 900 x 600mm deep consisting of three 900 x 750 x 600mm deep under-counter cupboard with two doors, a 900 x 600mm deep adjustable shelf and a door mounted stainless steel refuse bin (elsewhere measured), three 450 x 150 x 600mm deep drawers and one 450 x 270 x 600mm deep double bottom drawer, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 1
57	"L-shaped" sink cupboard, overall size 3730 x 900 x 600mm deep consisting of two 900 x 730 x 600mm deep under-counter cupboard with two doors, two 900 x 600mm deep adjustable shelves, two 300 x 600mm deep opening corner pieces, one 270 x 600mm deep opening corner piece and a door mounted stainless steel refuse bin (elsewhere measured), three 500 x 150 x 600mm deep drawers and one 500 x 240 x 600mm deep double bottom drawer, seated on a 150mm high shutterply plinth, including all fixings, accessories, ironmongery, trims, etc., complete (Refer to Architect's Drawing No. S4-703 Rev 7)	No 1
<p><b><u>Built in cupboards, etc. formed of a 16mm thick "PG Bison MR Bisonbord" carcass and 16mm Melamine finished colour Bisonbord doors (Refer to Architect's Drawing No. S4-200 Rev 8)</u></b></p>		
58	Wall mounted cupboard, overall size 1050 x 2600 x 600mm deep, formed of a 1050 x 500 x 600mm deep over head cupboard with two doors and a 1050 x 2100 x 600mm deep cupboard with full height doors, and two 1050 x 600mm deep shelves, including fixings, accessories, ironmongery, trims, etc., complete to receive pistol safe (elsewhere measured)	No 10
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59	Wall mounted overhead cupboard, overall size 1200 x 500 x 600mm deep consisting of two 600 x 500mm high side hung doors, including fixings, accessories, ironmongery, trims, etc., complete	No	20
60	Wall mounted overhead cupboard, overall size 1040 x 500 x 600mm deep consisting of two 520 x 500mm high side hung doors, including fixings, accessories, ironmongery, trims, etc., complete	No	10
61	Floor cupboard overall size 1200 x 750 x 600mm deep including 1200 x 600mm deep shelf and extended 20mm thick post formed desk overall size 2400 x 600mm wide, including fixings, accessories, ironmongery, trims, etc., complete	No	10
<b>Carried Forward to Summary of Section No. 2</b>			
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**SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW MSINSINI POLICE STATION**

Item  
No

Quantity

Rate

Amount

**SECTION NO. 2**

**NEW BUILDINGS**

**BILL NO. 8**

**CEILINGS, PARTITIONS AND ACCESS  
FLOORING**

**(CPAP WORK GROUP NO. 129 UNLESS  
OTHERWISE STATED)**

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

**SUPPLEMENTARY PREAMBLES**

**Fixing**

Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete

Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere

**Ceilings**

Unless otherwise described ceilings shall be deemed to be horizontal

**Steel components**

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

**Testing**

Testing of Gypsum Plasterboard in accordance with SANS 266:2003 is deemed to be included within the rate

**Carried Forward**

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Section No. 2  
Bill No. 8  
Ceilings, Partitions and Access Flooring

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SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW MSINSINI POLICE STATION

Brought Forward			R
<b><u>NAILED UP CEILINGS</u></b>			
<b><u>The tenderers are to refer to the Architect's Ceiling Plan 1, Drawing No. S4-112 and Ceiling Plan 2, Drawing No. S4-113 when pricing the following items</u></b>			
<b><u>9mm Thick plasterboard tapered edge jointed ceiling fixed to grid system comprising of 3600mm main tees at 1200mm centres in one direction and 1200mm cross tees at 400mm centres, including 25 x 25 x 0.6mm galvanised steel angle hangers fixed to concrete surfaces with 6 x 30mm express nails and washers with joints finished with 50mm tape and 5mm skimming plaster over the entire ceiling surface all in accordance with the manufacturer's instructions</u></b>			
1	Ceilings suspended not exceeding 1m below concrete soffits/timber trusses. (Ceiling type: CS-03)	m2	732
2	Extra over ceilings for installation of multi purpose connector brackets and 50mm light diffuser to form recessed light trough trim to receive low profile external grade LED strip (LED strip elsewhere measured) (Refer to Architect's Drawing No. S4-112)	m	36
3	Extra over ceilings for installation of multi purpose connector brackets and 50mm light diffuser to form recessed light trough trim to receive internal grade LED strip (LED strip elsewhere measured) (Refer to Architect's Drawing No. S4-112)	m	16
4	Extra over ceiling for 600 x 600mm openings for ceiling trap door	No	19
5	Extra over ceiling for forming opening for sprinkler head	No	120
6	Extra over ceiling for 120mm diameter openings for down lighter	No	275
<b>Carried Forward</b>			R
Section No. 2 Bill No. 8 Ceilings, Partitions and Access Flooring			

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

	<b>Brought Forward</b>			R
14	Extra over ceiling for forming opening for sprinkler head	No	44	
15	Extra over ceiling for forming opening for 120mm diameter down lighter	No	86	
16	Extra over ceiling for forming opening for 200 x 400mm opening for ventilation/air conditioning diffuser	No	32	
<b><u>CORNICES, TRIMS, ETC.</u></b>				
<b><u>"Pelican" or other equal and approved</u></b>				
17	Shadow line (PS2), trim fixed at 450mm centres with wall anchors	m	1,735	
<b>Carried Forward to Summary of Section No. 2</b>				
Section No. 2				
Bill No. 8				
Ceilings, Partitions and Access Flooring				

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

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>NEW BUILDINGS</u></b></p> <p><b><u>BILL NO. 9</u></b></p> <p><b><u>FLOOR COVERINGS</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 130 UNLESS OTHERWISE STATED)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition).</p> <p><b><u>The Tenderer is referred to the Architect's Floor Finishes Plan 1, S4-106 Rev 5 and Floor Finishes Plan 2, S4-107 Rev 2 when pricing the following items.</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Fixing</u></b></p> <p>Floor coverings, wall linings, etc shall, where applicable, be fixed with adhesive as recommended by the manufacturers of the flooring, linings, etc</p> <p>Rates for floor coverings must include for fixing, adhesive, wastage, profit, etc</p> <p><b><u>Surface Preparation and Installation</u></b></p> <p>The Tenderer to allow for within the rates for the preparation of floor surfaces prior installation of floor coverings as per the manufacturer's recommendations and outlined in the Architects Finishing schedule, S4-501 Rev 3, to achieve a full manufacturer's warranty / guarantee.</p>			
	<b>Carried Forward</b>		R	
	<p>Section No. 2 Bill No. 9 Floor Coverings, etc.</p>			<p><b>170</b> R. r. <i>[Signature]</i> 11.01</p>

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SOUTH AFRICAN POLICE SERVICES  
CONSTRUCTION OF THE NEW MSINSINI POLICE STATION

Brought Forward			R
<b><u>VINYL FLOOR COVERINGS, ETC</u></b>			
<u>2mm Thick "Polyflor Palettone PUR" or other equal and approved fully flexible PVC sheet flooring with monolayer and homogeneous construction, colour Lunar Landscape (Colour code: 8637), laid on an approved self-levelling screed (elsewhere measured) using an approved adhesive with a hygrometer reading showing a moisture content of less than 75%, with welded joints to provide a smooth hygienic sealed finish and rolled with 68kg articulated floor roller, all in accordance with manufacturer's recommendations and installed by an approved Polyflor Accredited Contractor</u>			
1	On screeded floors	m2	490
<b><u>RUBBER FLOORING</u></b>			
<u>3.20mm Thick "Polyflor Ecore ECOsurfaces Classic" or other equal and approved non-laminated single ply rubber surface sheeting, (Color: Castle Rock 2610), manufactured from a formulation of high quality post-consumer recycled rubber granules encapsulated in a wear and water-resistant elastomeric network in accordance with ASTM standards and installed with a Polyflor recommended adhesive, all in accordance with the manufacturers instruction, and installed by an approved Polyflor Contractor</u>			
2	On screeded floors	m2	194
<b><u>WALK OFF MAT</u></b>			
<u>"COBA Premier Star Gripper Plus" or other equal and approved entrance matt (Code: PSG10001), set in 14mm recessed floor with 25 x 25mm mild steel equal angle trim supplied and installed in accordance with the manufacturers specifications</u>			
3	Mat size 1500 x 2100 x 14mm thick	No	1
4	Mat size 3000 x 2150 x 14mm thick	No	1
5	Mat size 3295 x 1800 x 14mm thick	No	1
Carried Forward			R
Section No. 2 Bill No. 9 Floor Coverings, etc.			

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

Brought Forward		R
<b><u>SKIRTINGS, NOSINGS, ETC</u></b>		
<b><u>"NMC Sit-On Curved Skirting" or other equal and approved skirting</u></b>		
6	70mm High x 15mm wide extruded polystyrene foam skirting to walls (Product Code: FD7)	m 486
7	110mm High x 15mm wide extruded polystyrene foam skirting to walls (Product Code: FD11)	m 224
<b><u>POLISH, SEALERS, ETC</u></b>		
<b><u>Remove oil, dirt and marks using a neutral detergent, machine scrubbing and wet vacuum, once dry apply two coats of "Proflor HM" matt sealer (Mepol HM) on to floor surface and allow to dry between applications, all in accordance with the manufacturer's recommendations</u></b>		
8	On vinyl floor sheeting	m2 490
<b><u>SUNDRIES</u></b>		
<b><u>"KIRK" or other equal and approved</u></b>		
9	M-Trim aluminium transition cover strip, grade 430 to suite floor finishes, installed to manufacturers specifications	m 105
10	3mm Aluminium straight edge trim laid under vinyl tile to suite floor finishes, installed to manufacturers specifications (Refer to Architect's Drawing No S4-504 Rev 5)	m 14
11	9mm Aluminium straight edge trim laid under vinyl tile, to suite floor finishes, installed to manufacturers specifications (Refer to Architect's Drawing No S4-504 Rev 5)	m 64
12	52mm x 10mm Aluminium wide tile-in ramp to suite floor finishes, installed to manufacturers specifications (Refer to Architect's Drawing No S4-504 Rev 5)	m 36
<b>Carried Forward to Summary of Section No. 2</b>		R
Section No. 2		
Bill No. 9		
Floor Coverings, etc.		

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

Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>NEW BUILDINGS</u></b></p> <p><b><u>BILL NO. 10</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 132 UNLESS OTHERWISE STATED)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition).</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Proprietary items</u></b></p> <p>Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items</p> <p>Prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc clarifying the features of the products/articles offered</p> <p>The Tenderer is referred to the Architect's Ironmongery schedule ASA567 Rev 1 when pricing the following items</p> <p><b><u>HINGES, BOLTS, ETC</u></b></p> <p><b><u>"CISA" or other equal and approved</u></b></p>			
1	Stainless steel indicator bolt, including round rose (Code: FWC101RLSS)	No	27	
2	Stainless steel paraplegic indicator bolt, including round rose (Code: FWC104RLSS)	No	5	
3	150 x 32mm Heavy duty barrel bolt (Code: BHD 150)	No	20	
	<b>Carried Forward</b>			R
	Section No. 2 Bill No. 10 Ironmongery			<div style="font-size: 2em; font-weight: bold; margin-bottom: 5px;">173</div> <div style="font-size: 1.5em; font-family: cursive;"> <span style="margin-right: 20px;">RJ</span> <span style="margin-right: 20px;">L. Khwala</span> <span style="margin-right: 20px;">S. M.</span> </div>

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

Brought Forward			R
<u>"Assa Abloy" or other equal and approved</u>			
4	300mm L/Flush bolt Art 208C91 'AL8208-300AS'	No	2
5	Aluminium reflex hinge 100mm Anodised '8352-100SN'	Sets	21
<u>PLATES, ESCUTCHEONS, ETC.</u>			
<u>"CISA" or other equal and approved</u>			
6	53 x 8mm Round profile cylinder escutcheon (Code: FERCSS)	No	209
<u>Kick plates</u>			
7	800mm Wide x 300mm high x 1.2mm thick kick plate (Code: GR304SS)	No	38
8	900mm Wide x 300mm high x 1.2mm thick kick plate (Code: GR304SS)	No	4
9	900mm Wide x 900mm high x 1.2mm thick kick plate (Code: GR304SS)	No	10
<u>Push plates</u>			
10	150 x 150mm Stainless steel blank push plate (Code: FPGXBFF)	No	21
<u>LOCKS</u>			
<u>"CISA" or other equal and approved</u>			
<u>Deadbolts</u>			
11	8mm Spindle follower deadbolt (Code: FWCDL)	No	32
12	Euro profile gate right hand deadbolt (Code: 42212301S)	No	18
13	Euro profile gate left hand deadbolt (Code: 42212302S)	No	21
14	Euro profile mortice deadlock (Code: DPS6157D-SS)	No	15
15	Euro profile mortice sash lock (Code: 5C1106012S)	No	5
Carried Forward			R
Section No. 2			
Bill No. 10			
Ironmongery			

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

<b>Brought Forward</b>		<b>R</b>
16	Euro profile silent mortice sash lock (Code: DPS8557SS)	92
17	Euro profile narrow stile single throw deadbolt with roller (Code: 448303520S)	2
18	Stainless steel metal weld on lock to suit 25mm tubing, including welding to gates (elsewhere measured) (Code: 421MBOX)	39
19	Euro toilet knob cylinder lock SS (Code: 085253412)	15
20	42mm Euro profile single cylinder (Code: 0G30409NG)	15
21	50mm Brass padlock (Code: 2201050G)	5
22	59mm Euro profile double cylinder (Code: 0G30007NG)	39
23	65mm Euro profile double cylinder (Code: 0G30010NG)	35
24	66mm Euro profile double cylinder (Code: 0M3T010NA)	7
25	65mm Euro profile knob cylinder (Code: 0G30210NG)	42
26	200 x 19mm Stainless steel flush bolt box (Code FBB200)	1
27	300 x 19mm Stainless steel flush bolt box (Code FBB300)	1
<b><u>HANDLES, FLUSH PULLS, ETC</u></b>		
<b><u>"CISA" or other equal and approved</u></b>		
<b><u>Pull handles</u></b>		
28	130mm Pull handle BTB (Code: FPD06BBSS)	52
29	300mm Pull handle BTB (Code: FPD08BBSS)	20
30	300mm D-offset pull handle BTB (Code: FPD22BBSS)	6
31	Flush finger pull (Code: FRP63)	15
<b>Carried Forward</b>		<b>R</b>
Section No. 2 Bill No. 10 Ironmongery		

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

Brought Forward		R
<b><u>Lever handles</u></b>		
32	130mm SS handle on 150 x 150mm backplate profile (Code: FPD6AXBFF)	No 21
33	134mm Lever handle on round rose (Code: FS103.R0)	No 194
<b><u>Panic bars</u></b>		
34	Single push-rim panic bolt touch bar including deadlocking top and bottom latches to suit doors 840 x 2400mm high (Code: 5901711)	No 5
<b><u>DOOR CLOSERS</u></b>		
<b><u>"CISA" or other equal and approved</u></b>		
35	Cam asymmetric action slide channel door closer (Code: D52000397)	No 35
36	Push slide channel door closer D5200 mounting bracket (Code: DCP02NA)	No 4
<b><u>LETTERS, NAMEPLATES, ETC.</u></b>		
<b><u>The Tenderer is referred to the Architect's drawing no S4-612A Rev 5, S4-612B, S4-612C Rev 5 and S4- 612D Rev 7 when pricing the following items</u></b>		
<b><u>"CISA" or other equal and approved</u></b>		
37	70 x 40 x 3mm Thick perspex sign, including 25mm high vinyl lettering (maximum 3 letters), securely fixed to walls in accordance with the Architects Drawing (Signage Type 2)	No 120
38	150mm x 150mm x 1.2mm Thick female indicator sign with round corners (Code: FSGN.F)	No 6
39	150mm High x 150mm wide x 1.2mm thick male indicator sign with round corners (Code: FSGN.M)	No 7
40	150mm High x 150mm wide x 1.2mm thick wheelchair indicator sign with round corners (Code: FSGN.WCH)	No 4
41	150mm High x 150mm wide x 1.2mm thick tea cup indicator sign with round corners (Code: FSGN.TEA)	No 6
<b>Carried Forward</b>		R
Section No. 2 Bill No. 10 Ironmongery		

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

<b>Brought Forward</b>		R
42	150 x 600mm Double sided aluminium sign holder, suspended from ceilings, including plastic end caps, cables and clamps in accordance with the Architects Drawing (Signage Type 11)	5
43	200 x 200mm Double sided aluminium sign holder, securely fixed to walls, including plastic end caps and steel base in accordance with the Architects Drawing (Signage Type 6)	9
44	300 x 300mm SAPS badge vinyl sticker, securely fixed to glass (Signage Type 5)	3
<b><u>"Vista" or other equal and approved</u></b>		
45	"V150" aluminium plate room name signage system size 150 x 450 x 2mm Thick, with 25mm vinyl text, including fixings to door (Signage Type 1)	114
<b><u>Wall mounted signage, formed of 1mm thick Chromadek sheet, including grey primed, blue painted 50 x 25mm square tube frame and 25mm square tube support frame (Refer to Architect's Drawing No: S4-612A Rev 5)</u></b>		
46	600 x 800mm Single sided directional signs, including holder extension and end caps (Signage Type 12)	4
47	600 x 400mm Deep etched bronze plaque with Coat of arms and SAPS badge (Signage Type 13)	1
48	1850 x 925mm Single sided "Batho Pele" sign, mounted to frames (Signage Type 4)	1
49	2450 x 1220mm Single sided "Welcome" sign, mounted to frames (Signage Type 3)	1
<b>Carried Forward</b>		R
Section No. 2 Bill No. 10 Ironmongery		R

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

	Brought Forward				R
	<p><b><u>1.6mm Thick grade 306 stainless steel wall mounted signage with interpon class II epoxy coating, all in accordance with Architect's Drawing (S4-605B Rev 5)</u></b></p> <p><b><u>Note: Shop drawings and samples are to be provided prior to the Architect for approval, prior to manufacturing and is deemed to be included with the pricing of the below listed items.</u></b></p>				
50	225 x 305mm High reception booth numbers, all numbering, spacing, font and styling in accordance with the Architects Drawing (Signage Type 10)	No	3		
51	400mm High living quarters numbers, all numbering, spacing, font and styling in accordance with the Architects Drawing	No	10		
52	2130 x 300mm High "Reception" lettering, spacing, font and styling all in accordance with the Architects Drawing (Signage Type 9)	No	1		
53	2565 x 2085mm high overall size "Msinsini Police Station" signage consisting of a SAPS Badge size 1300 x 1300 1.6mm thick formed of cast aluminium fixed to brickwork, "Msinsini" size 1730 x 300 x 1.6mm thick formed of grade 306 stainless steel powder coated plate letters fixed to brickwork and "Police Station" size 2565 x 250 x 1.6mm thick formed of grade 306 stainless steel powder coated plate letters fixed to brickwork with lettering, spacing, font and styling all in accordance with the Architects Drawing (Signage Type 8)	No	1		
	<b><u>BENCHES, SEATING ETC.</u></b>				
54	1,2mm Grade 304 18/10 stainless steel wall bench (Code: 359558), size 1500 x 650 x 1050mm with 150mm high integral splashback to rear, 50 x 10mm turndown, stainless steel slatted under shelf (Code: 356200), size 1500 x 420mm wide, underside sprayed with vermin proof bitumastic sound deadening, fixed to floor with anchor bolts and supported on Grade 304 (18/10) stainless steel square gallows brackets with detachable 4 no. front leg (Code: 352664), size 40 x 40 x 1,2mm thick, fitted with chrome plated adjustable flanged foot pieces (Refer to Architects Drawing: S4-706 Rev 5 Cell Joinery Details, J14 Kitchen Elevation 01)	No	2		
	<b>Carried Forward</b>				R
	Section No. 2 Bill No. 10 Ironmongery				

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

	<b>Brought Forward</b>				R
	<b><u>SUNDRIES</u></b>				
	<b><u>"CISA" or other equal and approved</u></b>				
55	Floor mounted door stop with rubber buffer (Code: FDS01)	No	129		
56	Wall/skirting mounted door stop with rubber buffer (Code: FDS04)	No	4		
57	Hat & coat hook with buffer (Code: FHACH02)	No	26		
58	Dust proof floor strike (Code: FSWDC)	No	2		
59	4 x 60mm Male/female snap off fixing screw (Code: FHS4X60SET)	No	84		
60	8 x 75mm Door closer fixing screw including 8 x 30mm stud (Code: DCFS)	No	75		
61	Stainless steel rebate to suit 8557 lock (DPS8557RS)	No	1		
	<b><u>"Koala Kare" or other equal and approved</u></b>				
62	Horizontal wall mounted baby changing station. Color - Grey (Code: KB200-01).	No	1		
	<b><u>"Roco" or other equal and approved</u></b>				
63	Stainless steel door mounted bin suitable for installation in 450mm cupboard units (elsewhere measured) (Code: R6274)	No	17		
	<b><u>"Vormann" or other equal and approved</u></b>				
64	"Hang it All" Hook No. 8521 stainless steel hook fixed to walls	No	18		
	<b><u>BATHROOM FITTINGS</u></b>				
	<b><u>"Basterfield" or other equal and approved</u></b>				
65	750 x 450mm Stainless steel shower seat, including fixings to wall (Code B55120)	No	14		
	<b>Carried Forward</b>				R
	Section No. 2 Bill No. 10 Ironmongery				

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

Brought Forward			R
<b><u>"Franke" or other equal and approved</u></b>			
66	Stainless steel double toilet roll holder (Code: FKRODX672)	No	27
67	Stainless steel wall mounted paper toilet towel dispenser (Code: FKRODX630)	No	21
68	Stainless steel touch free wall mounted soap dispenser (Code: FKRODX625)	No	26
69	Stainless steel wall mounted waste bin (Code: FKRODX605)	No	21
70	Stainless steel wall mounted sanitary towel waste bin with rounded edges, including stainless steel screws and dowels (Code: FKRODX611)	No	14
71	618 x 95 x 256mm Stainless steel angle bar grab rail (Code: CNTX700A)	No	5
72	750 x 260mm Stainless steel back rail (Code: CNTXBR)	No	5
73	750 x 95mm Stainless steel straight grab rail (Code: CNTX750)	No	5
74	600 x 500mm x 8mm Thick heavy duty stainless steel security type mirror, including vandal resistant, concealed fixings and plugs (Code: M600HD)	No	30
<b><u>"Bathroom Butler" or equal and approved</u></b>			
75	Stainless steel single toilet roll holder (Code: 8501POLS)	No	12
<b><u>"Giro" or other equal and approved</u></b>			
76	Stainless steel double towel rail (Code: TVITGR30D/SS)	No	14
77	Stainless steel soap holder (Code: TVITGR69/SS)	No	18
78	33 x 90 x 90mm Polished stainless steel towel hook (Code: JEZKATO40470)	No	12
<b>Carried Forward</b>			R
Section No. 2 Bill No. 10 Ironmongery			180

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

Brought Forward		R
<b><u>"Showerline" or other equal and approved</u></b>		
79	900 x 900mm framed shower enclosure with swing door, including 6.3mm toughened safety glazing, installed in strict accordance with manufacturers specifications	No 10
<b><u>PROPRIETARY CUPBOARDS</u></b>		
<b><u>"Madrid Medical" or other equal and approved</u></b>		
80	600mm Wide x 800mm high x 140mm deep medicine cabinet, including separating shelf, mirror and all necessary fixings, complete (Code: MUE1038)	No 9
<b><u>"Zipple Africa" or other equal and approved</u></b>		
81	8 Bay mobile high density shelving cabinets, overall size 1100 x 2345 x 400mm deep. (Refer to Architects Drawing No: S4-705 Rev 5 - Archives, Docket & Registry Joinery Details)	No 8
82	Open angle steel shelving with seven openings, overall size 381 x 915 x 2134mm, fitted with 40mm pitch black wire racks docket holders, with individual shelf weight rating to be 350kg - 400kg and 915 x 2135mm solid steel packing plate. (Refer to Architects Drawing No: S4-705 Rev 5 - Archives, Docket & Registry Joinery Details)	No 61
<b><u>STEEL LOCKERS</u></b>		
<b><u>Heavy duty lockers, installed in accordance with manufacturers recommendations, colour to Architect's approval</u></b>		
83	4 Compartment heavy duty steel lockers, overall size 300 x 1800mm x 450mm deep (Refer to Architects Drawing: S4-703 Joinery Details 03 Rev 3, J13 Prison Property Store Details)	No 13
Carried Forward		R
Section No. 2 Bill No. 10 Ironmongery		

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

Item  
No

Quantity      Rate      Amount

**SECTION NO. 2**

**NEW BUILDINGS**

**BILL NO. 11**

**STRUCTURAL STEELWORK**

**(CPAP WORK GROUP NO. 134 UNLESS OTHERWISE STATED)**

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

**SUPPLEMENTARY PREAMBLES**

**General**

All structural steelwork shall be in accordance with SANS 10162-1,-2 & -4 and 1431: STRUCTURAL STEELWORK and the corrosion protection shall be undertaken in accordance with SABS 1200 HC : CORROSION PROTECTION OF STEELWORK. In addition, tenderers are to note that specific amendments and / or additions to the above-mentioned specification are contained in 'Model Preambles for Trades, supplementary preambles or notes and specifications

All steelwork shall be fabricated in accordance with Engineers project specification

Tenderers are advised to refer to the Standard Preamble to all Trades, Engineers Drawing No. 589 / 126 Rev T1, (Overhead Grilles Layout and Details) before pricing this section, which includes the full extent of the works together with the specific requirements / details

In this regard, tenderers are advised to carefully study the specification and drawings referred to above and allow for accordingly in the tender

**Carried Forward**

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Section No. 2  
Bill No. 11  
Structural Steel

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

**Brought Forward**

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Should there be any doubt or obscurity as to the meaning and intent thereof, the tenderer shall have the same verified with the Engineer and accordingly make allowance for in the tender price, as no claims whatsoever will be entertained due to the tenderer having failed to comply with any of these conditions

All structural steelwork shall comply with SANS 1200H or 1200HA as applicable. Structural fasteners shall comply with SANS 1700

Descriptions of L-shaped and U-shaped anchor bolts shall be deemed to include bending, threading, nuts and washers and embedding in concrete

Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete

All structural steel to be Grade S355JR

**Rates for structural steelwork is to include for**

1. Shop detailing, cutting to lengths, splay cut ends, shaping, holing, tapping, threading, forging, turning, assembling, welding, shop coating, abnormal load delivery and fixing in position
2. Site bolting and welding, architectural site welding, site fabrication, site cutting to lengths, site fitting, site preparing for riveting, drilling for holes during fabrication and on site, lowering and hoisting to levels and bolting in position, etc
3. Testing of all shop but welds using the 'Magnetic Particle Test', 'Dye Testing' 5% of all fillet welds and 'DFT's' by the paint supplier / manufacturer. Reports are to be submitted to the Engineer on a regular basis
4. Hot dip galvanising all structural steel and finishing all welding spots with cold galvanising on site
5. Touching up coatings where damaged as a result of transporting, off loading, erection, installation of support work for services, etc
6. Scaffolding

**Carried Forward**

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Structural Steel

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*R.C.J.*      *Alfred*      *J.W.*  
R. C. J.



**SOUTH AFRICAN POLICE SERVICES  
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	Brought Forward			R
	<b><u>SUNDRIES</u></b>			
	<b><u>Grout, etc</u></b>			
10	20mm Thick non-shrink grout	m2	2.03	
	<b><u>WORKSHOP DRAWINGS</u></b>			
11	Provision of Workshop drawings for structural steel installation		Item	
<b>Carried Forward to Summary of Section No. 2</b>				R
Section No. 2				
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Structural Steel				

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J.M.

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Item No		Quantity	Rate	Amount
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>NEW BUILDINGS</u></b></p> <p><b><u>BILL NO. 12</u></b></p> <p><b><u>METALWORK</u></b></p> <p><b><u>(CPAP WORK GROUP NO. 136 UNLESS OTHERWISE STATED)</u></b></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2017 Edition).</p> <p><b><u>NOTES:</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>Descriptions</u></b></p> <p>Where specifications and descriptions in these Bills of Quantities are in conflict with the Specification enclosed herewith (refer drawings), then the Architect's Specification enclosed herewith shall take precedence.</p> <p><b><u>Fixing</u></b></p> <p><b><u>Materials</u></b></p> <p>The successful Tenderer shall provide full shop drawings for approval by the Architect prior to commencing work.</p> <p>Tenderers to note that all installation shall be such that the installed products are securely anchored using stainless steel or aluminium screws and sealed with an approved silicone sealant on the outside. Quality assurance shall be in accordance with the AAAMSA, Allow for compensation channels to the top of all frames</p> <p>Tenderers to include the following in their price for all openable Aluminium Windows: Stainless steel clean stay hinges to accommodate for window height and Black nylon coated handles.</p>			
	<b>Carried Forward</b>		R	.
	<p>Section No. 2 Bill No. 12 Metalwork</p>			<p style="font-size: 2em; font-weight: bold;">187</p> <p style="font-size: 1.5em; font-weight: bold;">M.C.</p>



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**Brought Forward**

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**Guarantee**

The tenderer will be required to guarantee all shopfronts against any defects including failure of operating mechanism occurring within one year from the date of the end of the three month maintenance period.

**Frames**

All aluminium frames to be epoxy powder coated in accordance with SANS 1578:2006 (powder) and SANS 1796:2010 (application of powder) specifications. Powder coating certificates to be provided. Frame colour to be as per Architects choice.

All interpon powder coating to be applied by an approved applicator with a 15 year project warranty.

**Epoxy Joints**

Where glass is to be butt jointed, the Contractor is to allow in his price for epoxy jointing to the Architect's approval, together with any necessary glass fins.

**Tolerances**

Sizes are approximate only and site measurements must be taken before fabrication. Due allowance must be made for tolerance of 3mm at sides in accordance with the Architect's details.

**Performance**

Contractors to issue performance specification for stability & windloading certificates in keeping with glass thickness. Wind load tests for the specific region and location to be carried out to confirm that the glass thickness complies, prior to manufacturer.

**Windloading**

The tenderer is required to design, supply and install the shopfronts, windows, doors etc. in accordance with the applicable wind loading for the site and their tendered price will be deemed to have included for all costs (increased thickness of glazing, structural members, etc.) in connection as no claims or extras in this regard will be entertained at any later date.

**Carried Forward**

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Metalwork

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*T.W.*

**SOUTH AFRICAN POLICE SERVICES  
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**Brought Forward**

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**Protection**

All frames and glazing to be supplied with protective taping and to be plastic wrapped throughout construction.

**Glass Sizes**

Tenderers will be held to have taken into consideration maximum standard pane sizes for the relevant glass thickness and shall allow for thicker glass where necessary together with any necessary mullions, glass fins, etc., to suit same as no further claims in this respect will be entertained.

Glazing sizes to comply with AAAMSA standards

**Sealing**

Tenderers shall allow for a maximum 10mm Mapeflex PU45 Rapid hardening, paintable polyurethane fillet (to match frame colour) to the external perimeter of all windows, doors and shopfronts.

**Cleaning**

All work must be cleaned down on completion. Glazing as installed must not be accepted as clean glass and tenderers must allow for polishing glass as and when instructed by the Architect.

**Hot dip galvanising**

The mass of hot dip galvanised steelwork has been calculated on the mass before galvanising and no allowance has been made for the additional mass of galvanising for which allowance must be made in pricing. Galvanising to be in accordance with SABS 763.

**Welded joints and intersections**

Prices of continuous hollow section and solid section shall include for welded joints in the length and prices of intersections shall include for all cutting, mitering, scribing, shaping, etc., and welding. Bends, knees, ramps, etc. Prices of balustrades, burglar guards and the like shall include for framed and welded joints at intersections.

**Carried Forward**

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<b>Brought Forward</b>				R
<b><u>Screws and bolts</u></b>				
Screws and bolts shall be of corresponding metal and colour and heads of screws shall be countersunk. Self-tapping screws shall, unless otherwise described, be used for screwing items to adjoining metalwork. Stainless steel screws shall be used for fixing aluminium. Items fixed to adjoining metal work with rivets, self-tapping screws, set screws, machine screws, etc., shall include for all necessary drilling. Where bolting is specified, projecting shank ends of bolts shall be cut flush and left smooth.				
<b><u>Descriptions of bolts, anchors, etc</u></b>				
Descriptions of bolts shall be deemed to include nuts and washers				
Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete				
Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described				
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres				
<b><u>HOT DIPPED GALVANISED STEEL BALUSTRADES, HANDRAILS, ETC</u></b>				
<b><u>The Tenderer is to refer to the Architect's Drawing number S4-608 Rev 4 (Balustrade and Railing Detail) when pricing the following items.</u></b>				
<b><u>Handrails, etc</u></b>				
1	50mm External diameter x 3mm thick galvanised mild steel horizontal handrail welded to 60 x 50 x 10mm thick galvanised mild support bracket embedded in brickwork by means of an epoxy fill	m	7	
2	50mm External diameter x 3mm thick galvanised mild steel raking handrail welded to 60 x 50 x 10mm thick galvanised mild support bracket embedded in brickwork by means of an epoxy fill	m	38	
<b>Carried Forward</b>				R
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R.J.     *[Signature]*     F.M.

**SOUTH AFRICAN POLICE SERVICES  
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	Brought Forward			R
	<b><u>Welded balustrading to ramps and walkways</u></b>			
3	Galvanised mild steel horizontal balustrade 1000mm high formed of 50mm diameter x 3mm thick hollow section steel handrail welded to a 50 x 50 x 3mm mild steel square tubing vertical posts, fixed to concrete using a 10mm diameter mild steel bar anchored into concrete and epoxy filled with 16mm diameter bright mild steel intermediate EN8 rods at 100mm centres, enclosed in a 50 x 5mm mild steel flat bar frame with the frame joined to the vertical posts by means of welded 10mm mild steel bars	m	45	
4	Galvanised mild steel raking balustrade 1000mm high formed of 50mm diameter x 3mm thick hollow section steel handrail welded to a 50 x 50 x 3mm mild steel square tubing vertical posts, fixed to concrete using a 10mm diameter mild steel bar anchored into concrete and epoxy filled with 16mm diameter bright mild steel intermediate EN8 rods at 100mm centres, enclosed in a 50 x 5mm mild steel flat bar frame with the frame joined to the vertical posts by means of welded 10mm mild steel bars	m	102	
	<b><u>HOT DIPPED GALVANISED STEEL GATES, SCREENS, ETC</u></b>			
	<b><u>Galvanised mild steel screens</u></b>			
	<b><u>The Tenderer is referred to the Architect's drawing No. S4-500C Rev 7 when pricing the following items</u></b>			
5	850 x 950mm High window screen, consisting of "Flatex 345" or similar mesh screen, fixed in 40 x 5mm mild steel angle framing, including opening in grille for purpose made handle cut from 75mm long PF7 steel profile	No	60	
6	1200 x 1200mm High window screen, consisting of "Flatex 345" or similar mesh screen, fixed in 40 x 5mm mild steel angle framing, including opening in grille for purpose made handle cut from 75mm long PF7 steel profile	No	2	
	<b>Carried Forward</b>			R
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**SOUTH AFRICAN POLICE SERVICES  
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	Brought Forward			R
	<b><u>Galvanised mild steel security gates fixed to brickwork</u></b>			
	<b><u>The Tenderer is referred to the Architect's Gate schedule S4-500F Rev 8 when pricing the following items</u></b>			
7	Single gate size 813 x 2032mm high overall, consisting of 40 x 40mm mild steel frame, 12mm bullet hinges with invert top hinge, bolts with a 40 x 6mm mild steel flat bar to receive a "CISA" or equal and approved weld on box lock (421M) including "Euro" profile gate lock with a 100 x 40 x 3mm flat plate covering over latch and 16mm diameter intermediate bars at 100mm centres and fixings all in accordance with the Architect's specifications (Gate Type: SG-B1)	No	17	
8	Single gate size 900 x 1800mm high overall, consisting of 40 x 40mm mild steel frame, 12mm bullet hinges with invert top hinge, bolts with a 40 x 6mm mild steel flat bar to receive a "CISA" or equal and approved weld on box lock (421M) including "Euro" profile gate lock with a 100 x 40 x 3mm flat plate covering over latch and 16mm diameter intermediate bars at 100mm centres and fixings all in accordance with the Architect's specifications (Gate Type: SG-A)	No	4	
9	Single gate size 900 x 2032mm high overall, consisting of 40 x 40mm mild steel frame, 12mm bullet hinges with invert top hinge, bolts with a 40 x 6mm mild steel flat bar to receive a "CISA" or equal and approved weld on box lock (421M) including "Euro" profile gate lock with a 100 x 40 x 3mm flat plate covering over latch and 16mm diameter intermediate bars at 100mm centres and fixings all in accordance with the Architect's specifications (Gate Type: SG-B)	No	8	
10	Single gate size 900 x 2400mm high overall, consisting of 40 x 40mm mild steel frame, 12mm bullet hinges with invert top hinge, bolts with a 40 x 6mm mild steel flat bar to receive a "CISA" or equal and approved weld on box lock (421M) including "Euro" profile gate lock with a 100 x 40 x 3mm flat plate covering over latch and 16mm diameter intermediate bars at 100mm centres and fixings all in accordance with the Architect's specifications (Gate Type: SG-J)	No	11	
	<b>Carried Forward</b>			R
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**SOUTH AFRICAN POLICE SERVICES  
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	Brought Forward				R
	<b><u>Galvanised mild steel high security gates fixed to brickwork</u></b>				
	<b><u>The Tenderer is referred to the Architect's Gate schedule S4-500F Rev 8 when pricing the following items</u></b>				
11	Single gate, overall size 1018 x 2020mm high formed of 54 x 54 x 6mm mild steel frame, 4no. horizontal rails and 16mm bright mild steel intermediate EN8 bars, including 200 x 25 x 2mm mild steel lugs with one single gate opening of size 910 x 1966mm high formed of 50 x 50mm framing with 16mm diameter intermediate bars with a 300mm opening grill at 100mm centres, fixed to frame by means of 40 x 6mm diameter hinges and secured using 240 x 230 x 50mm cell type lock box including "CISA" or equal and approved five lever gate lock (Gate Type: SG-G)	No	9		
12	Single gate, overall size 1208 x 2020mm high formed of 54 x 54 x 6mm mild steel frame, 4no. horizontal rails and 16mm bright mild steel intermediate EN8 bars, including 200 x 25 x 2mm mild steel lugs with one single gate opening of size 1100 x 1966mm high formed of 50 x 50mm framing with 16mm diameter intermediate bars with a 300mm opening grill at 100mm centres, fixed to frame by means of 40 x 6mm diameter hinges and secured using 240 x 230 x 50mm cell type lock box including "CISA" or equal and approved five lever gate lock (Gate Type: SG-C)	No	3		
13	Holding cell gate, overall size 2585 x 3000mm high formed of 54 x 54 x 6mm mild steel frame, 4no. horizontal rails and 16mm bright mild steel intermediate EN8 bars, including 200 x 25 x 2mm mild steel lugs with one single gate opening of size 910 x 1966mm high formed of 50 x 50mm framing with 16mm diameter intermediate bars with a 300mm opening grill at 100mm centres, fixed to frame by means of 40 x 6mm diameter hinges and secured using 240 x 230 x 50mm cell type lock box including "CISA" or equal and approved five lever gate lock (Gate Type: SG-E)	No	1		
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	<b>Brought Forward</b>			R
14	<p>Holding cell gate, overall size 3385x 3000mm high formed of 54 x 54 x 6mm mild steel frame, 4no. horizontal rails and 16mm bright mild steel intermediate EN8 bars, including 200 x 25 x 2mm mild steel lugs with one single gate opening of size 910 x 1966mm high formed of 50 x 50 x 4mm framing with 16mm diameter intermediate bars with a 300mm opening grill at 100mm centres, fixed to frame by means of 40 x 6mm diameter hinges and secured using 240 x 230 x 50mm cell type lock box including "CISA" or equal and approved five lever gate lock (Gate Type: SG-F)</p>	No	1	
15	<p>Double swing gate overall size 4250 x 3000mm high comprising of 100 x 50 x 3mm hollow section tubing frame with 12 x 12mm solid square bars fixed to frame by means of 40 x 6mm diameter hinges with "Flatex 345" Mesh including heavy duty steel barrel bolt with catch and padlock welded to frames, heavy duty barrel bolts with 12 x 300mm diameter pins welded to frames, 200 x 100 x 5mm base plates with 16 x x 30mm diameter holes drilled through bolted onto concrete, 100 x 100 x 5mm square tubing posts fixed to walls and 200 x 200 x 5mm base plates fixed to concrete footings (elsewhere measured) with bolts and lugs (Gate type: SG-H)</p>	No	1	
	<b><u>SAFES, ETC</u></b>			
	<b><u>"Xpanda" or other equal and approved pistol safe bolted to walls</u></b>			
16	<p>275 x 200 x 150mm Deep pistol safe, including seven lever lockset, keys and fixing bolts</p>	No	10	
	<b><u>CAT LADDERS, ETC</u></b>			
	<b><u>Design, Supply and Installation of Galvanised steel cat ladders, including provision for an Engineers Certificate</u></b>			
17	<p>Welded cat ladder 500mm wide and 4000mm high overall of 65 x 10mm flat section stringers and 20mm diameter pipe rungs at not exceeding 300mm centres, with an overlay of size 900mm x 1150mm high made up of 50 x 10mm flats and 70 x 70mm angle iron welded to base plates bolted to concrete roof slab, including all flat and angle section connections bolted to concrete, complete fixed with 4 x M16 chemical anchors on 30mm thick SIKA grout 212.</p>	No	2	
	<b>Carried Forward</b>			R
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Brought Forward					
<b><u>Welded and bolted suspended floor and stairs</u></b>					
18	10mm Thick "Vastrap" or other equal and approved plate floor panels	t	0.84		R
<b><u>SUNDRY STEELWORK</u></b>					
<b><u>GALVANISED SECURITY SCREENS</u></b>					
<b><u>Galvanised steel grating or other equal and approved</u></b>					
19	Double skin Zincalu steel mesh fixed to IPE subframe (elsewhere measured) fixed to walls (Refer to Engineers Drawing No. 589 / 126 Rev T1)	m2	162		
<b><u>Benches, Seating, etc.</u></b>					
<b><u>"Basterfield" or other equal and approved</u></b>					
20	500mm High prison stool (Code: B55130) including 300mm diameter stool, base plates, gussets, etc, complete (Refer to Architect's Drawing No. S4-702 Rev 5)	No	3		
<b><u>HOT DIPPED GALVANISED STEEL DOOR FRAMES</u></b>					
<b><u>The Tenderer is referred to the Architect's Frame schedule S4-500E when pricing the following items</u></b>					
<b><u>1.8mm Thick pressed galvanised mild steel frames with 45mm rebate suitable for half brick walls with mitred top corners, joints seam welded including corner and reveal stiffeners including hinges</u></b>					
21	Frame for door size 813 x 2032mm high (Door type: TD-H)	No	26		
22	Frame for door size 813 x 2032mm high, including fixed fanlight with 6.3mm safety glazing, overall size 813 x 368 mm high (Door type: TD-P)	No	2		
23	Frame for door size 813 x 2032mm high, including opening fanlight with 6.3mm safety glazing, overall size 813 x 368 mm high (Door type: TD-B)	No	14		
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33	Frame for door size 900 x 2032mm high, including opening fanlight with 6.3mm safety glazing, overall size 900 x 368 mm high (Door type: TD-E & TD-JA)	No	2	
34	Frame for door size 900 x 2032mm high, including galvanized mild steel louvred grille overall size 900 x 368 mm high (Door type: TD-G & TD-T)	No	3	
35	Frame for door size 1510 x 2032mm high, including opening fanlight with 6.3mm safety glazing, overall size 1800 x 368 mm high (Door type: TD-U)	No	1	
	<b><u>HOT DIPPED GALVANISED STEEL WINDOWS, DOORS, ETC</u></b>			
	<b><u>The Tenderers are referred to the Architect's Window schedule S4-500C Rev 7 when pricing the following items</u></b>			
	<b><u>Interpon Class 2 D2525T powder coated galvanised mid steel window in colour: Matte Charcoal QL258P with 6.5mm laminated safety glass, including 6 x 6mm thick solid aluminium burglar bars horizontally at 100mm centres to all opening and fixed sections fixed to brickwork complete with mullions, transomes, gasket seals and beading to Architect approval</u></b>			
36	Window overall size 850 x 950mm high consisting of two fixed panes and two side hung panes, including all 30 x 16mm manganese grade steel bars, framing, glazing beads, glazing, sealing and necessary glass fins, etc., complete (Window type: W-J, W-Q, W-X)	No	31	
	<b><u>Interpon Class 2 D2525T powder coated galvanised steel viewing panel in colour: Matte Charcoal QL258P with 6.5mm laminated safety glass, including 6 x 6mm thick solid aluminium burglar bars horizontally at 100mm centres to all opening and fixed sections fixed to brickwork complete with mullions, transomes, gasket seals and beading to Architect approval</u></b>			
37	Viewing panel size 1200mm x 1200mm high (Window type: W-L)	No	1	
	<b>Carried Forward</b>			R
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Tenderers are advised to refer to the Architect's schedules attached to these Bills of Quantities for details

Tenderers are to note that should there be any doubt or obscurity as to the meaning and intent of any descriptions, the Contractor must have the same rectified and allow for accordingly in his tender. The Contractor is to include in his rates for all that he considers necessary for the proper construction of the windows and doors. No claims whatsoever will be afterwards admitted due to the Contractor having failed to comply with these conditions

Rates shall include for the following:

1. All opening and fixed lights, coupling mullions and transoms, vertical sliders, support steelwork, fittings, ironmongery, factory fitted burglar proofing etc., as required and specified
2. Complete glazing as described with and including matching aluminium glazing beads and gaskets and glazed in accordance with the manufacturer's written instructions
3. Building in and fixing into preformed openings. Window opening sizes to be verified on site before windows are manufactured
4. Silicone / structural silicone pointing with an approved silicone sealant recommended by AAAMSA on / between windows / doors / shopfronts and adjoining structures.
5. Any and all additional structural supports, brackets, etc. required other than that shown on the drawings that is deemed necessary for the proper manufacture and installation of the windows, doors and shopfronts
6. Method statements, shop drawings, calculations, materials suppliers statements, etc. for approval prior to manufacture.
7. Testing for watertightness.
8. AAAMSA and SAGGA Certificates, Guarantees, warranties, assurances, maintenance manuals, etc.

**Carried Forward**

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SOUTH AFRICAN POLICE SERVICES  
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Brought Forward			R
<p><b><u>SUPPLY AND INSTALLATION OF ALUMINIUM DOORS, WINDOWS ETC. (AS PER AAMSA AND SAGGA REGULATIONS)</u></b></p> <p><u>The Tenderers are referred to the Architect's Window schedule S4-500C Rev 7 when pricing the following items</u></p> <p><u>Interpon Class 2 D2525T powder coated aluminium security window in Colour: Matte Charcoal QL258P with 6.38mm frosted bullet resistant laminated safety glass and ironmongery, including 6 x 6mm thick solid aluminium burglar bars horizontally at 100mm centres to all opening and fixed sections fixed to brickwork complete with mullions, transomes, gasket seals and beading to Architect approval</u></p>			
42	Window overall size 1500 x 1500mm high (Window type: BRW-D)	No	1
<p><u>Interpon Class 2 D2525T powder coated aluminium window in colour: Matte Charcoal QL258P with 6.38mm laminated safety glass and ironmongery, including 6 x 6mm thick solid aluminium burglar bars horizontally at 100mm centres to all opening and fixed sections fixed to brickwork complete with mullions, transomes, gasket seals and beading to Architect approval</u></p>			
43	Window overall size 400 x 1500mm high (Window type: W-RA)	No	2
44	Window overall size 600 x 1200mm high (Window type: W-A)	No	13
45	Window overall size 600 x 1500mm high (Window type: W-AB, W-R & W-YA)	No	37
46	Window overall size 600 x 1500mm high including 600 x 180 x 450mm deep pay-under hatch (Window type: W-W)	No	1
47	Window overall size 1200 x 1200mm high (Window type: W-DB)	No	1
48	Window overall size 1200 x 1500mm high (Window type: W-D)	No	25
Carried Forward			R
Section No. 2 Bill No. 12 Metalwork			<div style="text-align: right; font-size: 2em; font-weight: bold;">200</div> <div style="text-align: right; font-family: cursive;">             R. M.              M. Muela              J. M.           </div>