

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<b><u>Test blocks and testing</u></b>			
2/3/37	Making and testing 150 x 150 x 150mm concrete strength test cubes	No 67		
	<b><u>FORMWORK (CPAP WORK GROUP 111)</u></b>			
	<b><u>Smooth Formwork (Degree of Accuracy II)</u></b>			
	<u>Smooth formwork to sides, soffits, etc</u>			
2/3/38	Slabs propped up exceeding 1.5m and not exceeding 3.5m high	m² 208		
	<u>Smooth formwork to sides of inverted components</u>			
2/3/39	Beams propped up exceeding 1.5m and not exceeding 3.5m high	m² 28		
	<b><u>Rough Formwork (Degree of Accuracy II)</u></b>			
	<u>Rough formwork to sides</u>			
2/3/40	Steps	m² 6		
	<b><u>Edges, risers, ends and reveals</u></b>			
2/3/41	Edges, risers, ends and reveals not exceeding 300mm high or wide	m 200		
	<b><u>Movement joints etc</u></b>			
	<u>Movement joints and prescribed construction joints not exceeding 300mm high or wide, rebated movement joints and joggle construction joints</u>			
2/3/42	20mm Joints not exceeding 300mm wide	m 520		
	<b><u>REINFORCEMENT (CPAP WORK GROUP 114)</u></b>			
	<b><u>Reinforcement to concrete</u></b>			
	<u>Mild steel reinforcement to structural concrete work</u>			
2/3/43	8mm Diameter bars	t 5.20		
	<b>Carried Forward</b>		R	
	Bill No. 3 Concrete, Formwork and Reinforcement Moletlane Police Station			

121  
MS  
5m





ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<b><u>MASONRY WORK</u></b>			
	<b><u>Concrete filling</u></b>			
	<u>Concrete filling to hollow walls, blockwork, etc</u>			
2/4/46	Cavity-brick walls	m³ 40		
	<b><u>Walls and linings</u></b>			
	<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class 1 mortar in foundations</u>			
2/4/47	Half brick walls	m² 72		
2/4/48	One brick walls	m² 432		
2/4/49	345mm Hollow walls of two half brick skins	m² 68		
	<u>Brickwork of NFP bricks in class II mortar in superstructure</u>			
2/4/50	Half brick walls	m² 514		
2/4/51	One brick walls	m² 2,181		
2/4/52	One brick walls with SAPS Project 5-Star Specifications 2012 approved mesh in between brick wall layers	m² 1,174		
2/4/53	345mm Hollow walls of two half brick skins	m² 164		
	<b><u>Brickwork Sundries</u></b>			
2/4/54	Splayed mortar fillets into 125mm wide cavities and 3680mm high	m 23		
	<b><u>Beamfilling</u></b>			
	<u>Brickwork of NFP bricks in class II mortar in beamfilling</u>			
2/4/55	Half brick walls	m² 120		
	<b>Carried Forward</b>		R	
	Bill No. 4 Masonry Moletlane Police Station			

124  
MS  
cm

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<b><u>Reinforcement to brickwork</u></b>			
	<b><u>2.5mm Brickwork reinforcement</u></b>			
2/4/56	75mm Wide reinforcement built in horizontally	m 14,278		
2/4/57	150mm Wide reinforcement built in horizontally	m 13,710		
	<b><u>Fabricated lintels</u></b>			
2/4/58	110 x 70mm Lintels in lengths not exceeding 3m	m 515		
2/4/59	110 x 70mm Lintels in lengths exceeding 3m and not exceeding 4.5m	m 9		
	<b><u>Turning pieces</u></b>			
	<b><u>Turning pieces to brick lintels etc</u></b>			
2/4/60	115mm Wide turning piece to lintels, etc	m 133		
	<b><u>FACE BRICKWORK</u></b>			
	<b><u>Face bricks (purchase price of R 6000.00/1000 delivered to site excluding VAT) pointed with flush horizontal and vertical joints</u></b>			
2/4/61	Extra over brickwork in foundations for face brickwork	m <sup>2</sup> 114		
2/4/62	Extra over brickwork in superstructure for face brickwork	m <sup>2</sup> 1,807		
2/4/63	Extra over brickwork to beamfilling for face brickwork	m <sup>2</sup> 120		
	<b><u>Walls faced both sides</u></b>			
	<b><u>Face bricks (purchase price of R 6000.00/1000 delivered to site excluding VAT) pointed with flush horizontal and vertical joints</u></b>			
2/4/64	One brickwork in face brick walls pointed both sides	m <sup>2</sup> 354		
2/4/65	One brickwork in face brick walls pointed both sides in pattern ideal for breeze or approved breeze blocks	m <sup>2</sup> 56		
	<b>Carried Forward</b>		R	
	Bill No. 4 Masonry Moletlane Police Station			

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5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<u>Face brick copings, lintels, sills, etc</u>			
2/4/66	Extra over brickwork for brick-on-edge header course lintels	m 133		
2/4/67	150mm Wide sill set sloping and slightly projecting	m 125		
2/4/68	Coping on top of one brick wall	m 30		
	<u>MISCELLANEOUS</u>			
	<u>Hoop iron ties, cramps, etc</u>			
	<u>Hoop iron ties between concrete and masonry work, roof ties, cramps to frames, etc</u>			
2/4/69	30 x 1.6mm Roof tie 1.5m long with one end fixed to timber and other end built into brickwork	No 547		
	<u>Air bricks, chimney pots, etc</u>			
	<u>Air bricks, etc</u>			
2/4/70	229 x 152mm Clay vermin proof air brick	No 37		
	<u>STONework OF SLATE, MARBLE, GRANITE, ETC</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Slate, marble, granite, etc</u>			
	Slate, marble, granite, etc is to be best quality from an approved quarry free from cracks and other defects and equal to samples to be submitted to and approved by the principal agent. Each stone is to hold its full size, square to the back and to be set on its natural quarry bed where applicable			
	<b>Carried Forward</b>		R	
	Bill No. 4 Masonry Moletlane Police Station			

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MS  
577

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<u>Setting out</u> <p>Care shall be exercised in setting out the work, the preparation of templates and the checking of the detail drawings. All measurements shall be taken on the site where necessary and the full size setting out shall be done at the yard so as to ensure the proper fitting of each stone</p> <p>Before putting any work in hand the contractor is to submit to the principal agent for his approval, details of the manner in which he proposes to set out the slabs and joints in all wall facings, pavings, margins, skirtings, sills, treads, risers, etc together with samples of grain or pattern matching. Joints in margins, skirtings, sills, treads, risers, etc are to be kept to a minimum</p> <u>Face labours</u> <p>Face labours are to match samples to be submitted to and approved by the principal agent</p> <p>Arrises are to be clean and sharp except to treads and thresholds where they are to be slightly rounded</p> <p>Unless otherwise described all exposed edges, projections, etc shall be finished to match the face finish</p> <u>Bedding and jointing</u> <p>Slate, marble, granite and other floor pavings are to be bedded solidly on and including mortar beddings and are to have tightly fitting butt joints unless otherwise stated</p>			
	<b>Carried Forward</b>		R	
	Bill No. 4 Masonry Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	Where stonework is to be fixed with adhesive to screeded or plastered surfaces, the adhesive is to be suitable for and compatible with the type of stone. The contractor will be liable for any defects to stonework caused by the adhesive. The screeds and plaster will be executed by others and will be given separately			
	Where wall linings are to be mechanically fixed, phosfor bronze rods, expanding bolts, etc are to be used with solid cement mortar bedding. The fixing system shall be concealed and shall be submitted to the principal agent for approval before the work commences. Such approval will not release the contractor from his responsibility for the work			
	Where soffit linings are suspended the suspension system shall be concealed and shall be submitted to the principal agent for approval before work commences			
	Where tolerance screws are required these are to be stainless steel expanding bolt type with matching stainless steel brackets and PVC clad dowels with nuts, washers, etc			
	<u>Damaged work</u>			
	Damaged stonework shall be discarded and replaced at the contractor's expense. No touching up will be permitted except in exceptional cases with the principal agent's consent			
	<u>Descriptions</u>			
	Descriptions of stonework shall be deemed to include preparatory work, labours to backs, beds and joints, templates, mortices for bolts etc and for hoisting and setting in position, bedding, jointing and pointing, casing and protecting from injury and cleaning down at completion and sealing of marble surfaces with two coats sealant			
	Descriptions of recessed pointing to stonework shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
	<b>Carried Forward</b>		R	
	Bill No. 4 Masonry Moletlane Police Station			

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MS  
5/11





ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b><u>SECTION NO. 2</u></b>			
	<b><u>BILL NO. 5</u></b>			
	<b><u>WATERPROOFING</u></b>			
	<b><u>PREAMBLES FOR TRADES</u></b>			
	<p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>SAPS - Project 5-Star Specifications 2012</u></b>			
	Where applicable the South African Police Service (SAPS) Project 5-Star Specifications 2012 for police cells should be consulted for more information. The contractor will be responsible and liable for any unapproved deviations from the specifications.			
	<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			
	Carried Forward		R	
	Bill No. 5 Waterproofing Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<b><u>CPAP WORK GROUP</u></b>			
	Unless otherwise stated, all items in this bill will be Work Group 120			
	<b><u>DAMP PROOF COURSE</u></b>			
	<u>One layer 375 micron embossed polyethylene dampproof course (SANS 952-1985 type B)</u>			
2/5/75	Under walls	m <sup>2</sup> 307		
2/5/76	In walls under sills	m <sup>2</sup> 68		
	<b><u>MEMBRANE WATERPROOFING</u></b>			
	<u>One layer 250 micron green polyethylene waterproof sheeting (SANS 952-1985 type C) sealed at laps with PVC self-adhesive tape</u>			
2/5/77	Under surface beds	m <sup>2</sup> 1,508		
	<u>One layer 4mm special polyester fully bonded waterproof membrane comprising a matrix modified with polypropylene dual reinforced with non-woven polyester cloth and glass fibre tissue, laid with 75mm side and 100mm end laps</u>			
2/5/78	On shower walls	m <sup>2</sup> 37		
2/5/79	On bathroom floors	m <sup>2</sup> 145		
2/5/80	On concrete roof slab	m <sup>2</sup> 223		
2/5/81	Additional membrane at 50mm diameter outlet	No 11		
	<b><u>Protection</u></b>			
	<u>19mm Crushed stone dressing evenly spread with larger stones around outlets</u>			
2/5/82	On waterproofing to flat roofs	m <sup>2</sup> 223		
	<b>Carried Forward</b>		R	
	Bill No. 5 Waterproofing Moletlane Police Station			

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MS  
4m



ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b><u>SECTION NO. 2</u></b>			
	<b><u>BILL NO. 6</u></b>			
	<b><u>ROOF COVERINGS, CLADDINGS, ETC</u></b>			
	<b><u>PREAMBLES FOR TRADES</u></b>			
	<p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>SAPS - Project 5-Star Specifications 2012</u></b>			
	Where applicable the South African Police Service (SAPS) Project 5-Star Specifications 2012 for police cells should be consulted for more information. The contractor will be responsible and liable for any unapproved deviations from the specifications.			
	<b><u>Straight cutting</u></b>			
	Descriptions of all roof coverings are deemed to include for all straight cutting			
	Where roof coverings are fixed on top of rigid board insulation to purlins etc, descriptions of roof coverings shall include thereforNote that sheeting is also available in corten steel, stainless steel, copper and aluminium			
	Carried Forward		R	
	Bill No. 6 Roof Coverings, Claddings, Etc Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<b><u>CPAP WORK GROUP</u></b>			
	Unless otherwise stated, all items in this bill will be Work Group 122			
	<b><u>CONCRETE TILES</u></b>			
	<u>420 x 332mm Concrete roof tiles nailed with non-corrosive tile nails to 38 x 38mm sawn softwood battens at 320mm centres over and including an underlay of multi-layered reinforced aluminium foil faced one side sheeting in accordance with SANS 1381-4 with a mass of not less than 218g/m<sup>2</sup> and a Class I fire rating in accordance with SANS 0177-3 fixed under battens with minimum laps of 150mm</u>			
2/6/84	Roof coverings with pitches to 25 degrees	m <sup>2</sup> 2,048		
	<u>Ridges, hips, closed valleys and vertical angles</u>			
2/6/85	Ridge tiles to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	m 131		
2/6/86	Ridge capping to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	No 46		
2/6/87	Hip tiles to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	m 253		
2/6/88	Hip capping to match roofing tiles bedded and pointed in 1:3 cement mortar tinted to match tile colour	No 35		
	<b><u>PROFILE SHEETING OF METAL (CPAP WORK GROUP 124)</u></b>			
	<u>0.6mm Z275 spelter galvanised ribbed steel sheets with chromadek paint system finish of approved standard colour on one side and standard grey backing finish on reverse side fixed to timber purlins or rails</u>			
2/6/89	Roof covering with pitches not exceeding 25 degrees	m <sup>2</sup> 516		
	Carried Forward to Summary of Section No. 2		R	
	Bill No. 6 Roof Coverings, Claddings, Etc Moletlane Police Station			

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MS  
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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 7</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p><b><u>PREAMBLES FOR TRADES</u></b></p> <p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>SAPS - Project 5-Star Specifications 2012</u></b></p> <p>Where applicable the South African Police Service (SAPS) Project 5-Star Specifications 2012 for police cells should be consulted for more information. The contractor will be responsible and liable for any unapproved deviations from the specifications.</p> <p><b><u>Particle board</u></b></p> <p>Particle board shall comply with the following specifications:</p> <p>a) SABS 1300 Particle board: exterior and flooring type</p> <p>b) SABS 1301 Particle board: interior type</p> <p style="text-align: right;">Carried Forward</p> <p>Bill No. 7 Carpentry and Joinery Moletlane Police Station</p>			
			R	

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Joinery</u>			
	Descriptions of frames shall be deemed to include frames, transomes, mullions, rails, etc			
	Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
	<u>Fixing</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete			
	<u>Decorative laminate finish:</u>			
	Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 126			
	<u>PLATE NAILED TIMBER ROOF TRUSS CONSTRUCTION, ETC</u>			
	<u>The following is applicable in respect of roof trusses:</u>			
	Trusses are at maximum 760mm centres. Roof covering is concrete roofing tiles on 38 x 38mm timber battens at 320mm centres. Ceilings are nailed up and suspended with varying thickness from 4 - 9mm on T-Grid system. The dimensions in the descriptions of the trusses are nominal and actual measurements are to be obtained from site before design or fabrication commence.			
	<u>Sawn softwood grade 4</u>			
2/7/90	38 x 114mm Wall plates	m	541	
2/7/91	50 x 76mm Purlins	m	573	
	Carried Forward		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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5m



ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/92	Roof construction to double pitched roof part size 4,260 x 3,640 x 1,275mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/93	Roof construction to double pitched roof part size 11,370 x 5,690 x 2,040mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/94	Roof construction to double pitched roof part size 9,400 x 13,170 x 2,550mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/95	Roof construction to double pitched roof part size 6,800 x 9,190 x 1,870mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/96	Roof construction to double pitched roof part size 5,300 x 4,730 x 1,445mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/97	Roof construction to double pitched roof part size 12,050 x 9,970 x 2,550mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/98	Roof construction to double pitched roof part size 9,240 x 9,270 x 2,550mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/99	Roof construction to double pitched roof part size 7,430 x 4,860 x 1,445mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/100	Roof construction to double pitched roof part size 32,370 x 9,530 x 2,720mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block A	No 1		
2/7/101	Roof construction to double pitched roof part size 25,680 x 6,760 x 1,955mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block B	No 1		
2/7/102	Roof construction to double pitched roof part size 5,670 x 7,190 x 1,615mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block B	No 1		
2/7/103	Roof construction to double pitched roof part size 19,620 x 6,290 x 1,785mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block B	No 1		
2/7/104	Roof construction to double pitched roof part size 10,940 x 8,230 x 2,295mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block C	No 1		
2/7/105	Roof construction to double pitched roof part size 7,400 x 7,660 x 2,125mm high with two hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block D	No 1		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/106	Roof construction to double pitched roof part size 5,420 x 10,310 x 1,530mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block D	No 3		
2/7/107	Roof construction to double pitched roof part size 13,140 x 7,660 x 2,125mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block D	No 1		
2/7/108	Roof construction to double pitched roof part size 4,730 x 8,460 x 1,360mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block E	No 1		
2/7/109	Roof construction to double pitched roof part size 3,750 x 4,990 x 1,105mm high with four hips to ridge and with 572mm wide overhangs Including trusses, rafters, bracings, cleats, etc. (purlins and wall plates elsewhere measured) - Block F	No 1		
2/7/110	Hips and valley at L-intersection to double pitched roof, size 4,260 x 3,640mm overall on plan x 1,275mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
2/7/111	Hips and valley at L-intersection to double pitched roof, size 11,370 x 5,690mm overall on plan x 2,040mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
2/7/112	Hips at L-intersection to double pitched roof, size 9,400 x 13,170mm overall on plan x 2,550mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 4		
2/7/113	Hips and valley at L-intersection to double pitched roof, size 6,800 x 9,190mm overall on plan x 1,870mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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MS 5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/114	Hips and valley at L-intersection to double pitched roof, size 5,300 x 4,730mm overall on plan x 1,445mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
2/7/115	Hips at L-intersection to double pitched roof, size 12,050 x 9,970mm overall on plan x 2,550mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 4		
2/7/116	Hips and valley at L-intersection to double pitched roof, size 9,240 x 9,270mm overall on plan x 2,550mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
2/7/117	Hips and valley at L-intersection to double pitched roof, size 7,430 x 4,860mm overall on plan x 1,445mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 3		
2/7/118	Hips at L-intersection to double pitched roof, size 32,370 x 9,530mm overall on plan x 2,720mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block A	Sets 4		
2/7/119	Hips at L-intersection to double pitched roof, size 25,680 x 6,760mm overall on plan x 1,955mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block B	Sets 4		
2/7/120	Hips and valley at L-intersection to double pitched roof, size 5,670 x 7,190mm overall on plan x 1,615mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block B	Sets 3		
2/7/121	Hips at L-intersection to double pitched roof, size 19,620 x 6,290mm overall on plan x 1,785mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block B	Sets 4		
2/7/122	Hips at L-intersection to double pitched roof, size 10,940 x 8,230mm overall on plan x 2,295mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block C	Sets 4		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/123	Hips at L-intersection to double pitched roof, size 7,400 x 7,660mm overall on plan x 2,125mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block D	Sets 4		
2/7/124	Hips and valleys at L-intersection to double pitched roof, size 5,420 x 10,310mm overall on plan x 1,530mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block D	Sets 9		
2/7/125	Hips at L-intersection to double pitched roof, size 13,140 x 7,660mm overall on plan x 2,125mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block D	Sets 4		
2/7/126	Hips at L-intersection to double pitched roof, size 4,730 x 8,460mm overall on plan x 1,360mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block E	Sets 4		
2/7/127	Hips at L-intersection to double pitched roof, size 3,750 x 4,990mm overall on plan x 1,105mm high overall, including part trusses, jack rafters, hip and valley rafters, permanent bracing, etc - Block F	Sets 4		
	<u>Fascias, barge boards, etc</u>			
2/7/128	10 x 225mm Fascia boards with steel H-profile joiners and corner joiners	m 569		
	<b><u>TIMBER DOORS, WINDOWS, ETC</u></b>			
	<b><u>Doors, windows, sashes, etc</u></b>			
	<b><u>Semi-solid flush doors hung to steel frames</u></b>			
2/7/129	40mm Door 813 x 2032mm high with masonite facings and 16mm thick solid hardwood edging all round (D3)	No 72		
2/7/130	40mm Double Door overall size 1500 x 2100mm high of 2 equal leaves with masonite facings and 16mm thick solid hardwood edging all round (D5)	No 6		
2/7/131	40mm Double Door overall size 1195 x 2130mm high of 2 equal leaves with masonite facings and 16mm thick solid hardwood edging all round (D9)	No 1		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	<u>Solid flush doors hung to steel frames</u>			
2/7/132	40mm Door 813 x 2032mm high with masonite facings and 16mm thick solid hardwood edging all round (D13)	No 4		
2/7/133	40mm Door 1265x 2032mm high with masonite facings, fixed sheet metal louvre unit and 16mm thick solid hardwood edging all round (D14)	No 1		
2/7/134	40mm Door 933x 2032mm high with masonite facings, fixed sheet metal louvre unit and 16mm thick solid hardwood edging all round (D18)	No 1		
2/7/135	40mm Door 933x 2032mm high with masonite facings, and 16mm thick solid hardwood edging all round (D19)	No 2		
	<u>Frames, etc</u>			
2/7/136	Frame for counter top folding door/window, size 1000 x 1150mm high including 140mm wide panels (W15)	No 1		
	<b>SUNDRY JOINERY</b>			
	<u>Shelves and fittings</u>			
	<u>Steel and hardwood shelving</u>			
2/7/137	25mm thick, 450mm wide white melamine shelves with edging all round, top finished and varnished with two (2) polyurathane varnish, fixed to 400 x 450 x 3mm thick heavy duty steel stayed brackets, 1995mm (H) double slotted wall bands, all installed and secured according to manufacturer's specification	m 426		
2/7/138	25mm thick, 350mm wide white melamine shelves with edging all round, top finished and varnished with two (2) polyurathane varnish, fixed to 400 x 450 x 3mm thick heavy duty steel stayed brackets, 1995mm (H) double slotted wall bands, all installed and secured according to manufacturer's specification	m 8		
	<b>Carried Forward</b>		R	
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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/139	25mm thick white melamine shelves width at 650mm overall with edging all round, top finished and vanished with two (2) polyurathane varnish, 1829mm (H) free-standing double sided shelving with 300mm uprights, all installed and secured according to manufacturer's specification	m 11		
2/7/140	940 x 500 x 2200mm Modular pistol shelving with 41 x 32mm laminated SA pine pre-drilled stiles at 50mm intervals to take 6mm galvanised support pins, cross rails, 21mm laminated SA pine shelves with corner norches to accommodate frame stiles, galvanised angle brackets at each end, back panels, s79 x 21mm SA pine skirting, all installed and secured according to manufacturer's specification	No 2		
2/7/141	940 x 500 x 2420mm Modular rifle and pistol shelving with 41 x 32mm laminated SA pine pre-drilled stiles at 50mm intervals to take 6mm galvanised support pins, cross rails, 21mm laminated SA pine shelves with corner norches to accommodate frame stiles, galvanised angle brackets at each end, back panels, s79 x 21mm SA pine skirting, all installed and secured according to manufacturer's specification	No 2		
2/7/142	940 x 500 x 2700mm Modular rifle shelving with 41 x 32mm laminated SA pine pre-drilled stiles at 50mm intervals to take 6mm galvanised support pins, cross rails, 21mm laminated SA pine shelves with corner norches to accommodate frame stiles, galvanised angle brackets at each end, back panels, s79 x 21mm SA pine skirting, all installed and secured according to manufacturer's specification	No 2		
	<u>Fittings for cell block counter</u>			
2/7/143	20mm thick, 535mm wide laminated shelves with edging all round, top finished and vanished with two (2) polyurathane varnish, fixed to 50 x 50 x 3mm thick mild steel angel, all installed and secured according to manufacturer's specification	m 5		
	<u>Fittings for reception area</u>			
2/7/144	Floor unit 1505 x 570 x 880mm high, two (2) doors, one (1) drawer, complete with timber supports, etc and 30mm rustenburg granite top	No 1		
	<b>Carried Forward</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
2/7/145	Floor unit 1970 x 570 x 880mm high, six (6) doors, three (3) drawers, complete with timber supports, etc and 30mm rustenburg granite top	No 1		
2/7/146	Floor unit 3500 x 570 x 880mm high, eight (8) doors, four (4) drawers, complete with timber supports, etc and 30mm rustenburg granite top	No 1		
	<u>Fittings for radio and CAS terminal</u>			
2/7/147	L-shaped floor unit comprising two (2) 450 x 605 x 745mm high office cupboards and one (1) 900 x 605 x 745mm corner office cupboard with overall two (2) doors, two (2) drawers and one (1) corner door, complete with timber supports, etc and 30mm rustenburg granite top, with 1815 x 745mm and 1970 x 745mm spaces (middle) under the granite top	No 1		
2/7/148	L-shaped floor unit comprising two (2) 450 x 605 x 745mm high office cupboards and one (1) 900 x 605 x 745mm corner office cupboard with overall two (2) doors, two (2) drawers and one (1) corner door, complete with timber supports, etc and 30mm rustenburg granite top, with 1815 x 745mm and 1780 x 745mm spaces (middle) under the granite top	No 1		
	<u>Fittings for the bedrooms</u>			
2/7/149	Bedroom cupboards, size 1820 x 570 x 2680mm comprising two (2) 535 x 2395mm high doors, one (1) 585 x 1800mm high door and three (3) drawers of various sizes, complete with timber supports, etc	No 3		
2/7/150	Bedroom cupboards, size 1165 x 570 x 2680mm comprising one (1) 535 x 2395mm high door, one (1) 585 x 1800mm high door and three (3) drawers of various sizes, complete with timber supports, etc	No 6		
	<b>Carried Forward to Summary of Section No. 2</b>		R	
	Bill No. 7 Carpentry and Joinery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b>Brought Forward</b>		R	
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted", the bolts are measured elsewhere			
	<b><u>CPAP WORK GROUP</u></b>			
	Unless otherwise stated, all items in this bill will be Work Group 129			
	<b><u>NAILED-UP CEILINGS</u></b>			
	<b><u>Openings</u></b>			
	Prices for openings for light fittings, ventilation grilles, air conditioning diffusers, etc are to include for any necessary additional support, trimming around, etc			
	<b><u>6mm Fibre-cement plain ceiling boards</u></b>			
2/8/151	Ceilings including 38 x 38mm sawn softwood branderling at 400mm centres and cross branderling at 200mm centres	m <sup>2</sup>	374	
2/8/152	Extra over ceiling for 580 x 580mm trap door complete with trimmers, frame, cross branders, ceiling board, hinges, etc	No	5	
	<b><u>SUSPENDED CEILINGS</u></b>			
	<b><u>Proprietary suspended ceilings</u></b>			
	<u>Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations</u>			
	Electrical light fittings, diffusers, panels etc are generally "lay-in" units of the same dimensions as the suspension grid described and allowance must be made in the rates accordingly for their support inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing is to take cognisance thereof)			
	<b>Carried Forward</b>		R	
	Bill No. 8 Ceilings, Partitions and Access Flooring Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<b><u>SECTION NO. 2</u></b>			
	<b><u>BILL NO. 9</u></b>			
	<b><u>FLOOR COVERINGS, WALL LININGS, ETC</u></b>			
	<b><u>PREAMBLES FOR TRADES</u></b>			
	The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained			
	Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles			
	The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>SAPS - Project 5-Star Specifications 2012</u></b>			
	Where applicable the South African Police Service (SAPS) Project 5-Star Specifications 2012 for police cells should be consulted for more information. The contractor will be responsible and liable for any unapproved deviations from the specifications.			
	<b><u>CPAP WORK GROUP</u></b>			
	Unless otherwise stated, all items in this bill will be Work Group 130			
	<b>Carried Forward</b>		R	
	Bill No. 9 Floor Coverings, Wall Linings, Etc Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<p><b><u>SECTION NO. 2</u></b></p> <p><b><u>BILL NO. 10</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><b><u>PREAMBLES FOR TRADES</u></b></p> <p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these <b>bills of quantities</b> and no claims arising from brevity of description of items fully described in the said General Preambles will be entertained</p> <p>Supplementary preambles and/or specifications are incorporated in these <b>bills of quantities</b> to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles</p> <p>The <b>contractor's</b> prices for all items throughout these <b>bills of quantities</b> shall take account of and include where applicable for all of the obligations, requirements and specifications given in the General Preambles and in any supplementary preambles and/or specifications</p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>SAPS - Project 5-Star Specifications 2012</u></b></p> <p>Where applicable the South African Police Service (SAPS) Project 5-Star Specifications 2012 for police cells should be consulted for more information. The contractor will be responsible and liable for any unapproved deviations from the specifications.</p> <p><b><u>Finishes to ironmongery</u></b></p> <p>Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p>Bill No. 10 Ironmongery Moletlane Police Station</p>			
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