

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Keys</u>			
	Unless otherwise described locks shall have two keys each			
	<u>Photoluminescent signs</u>			
	Signs are to comply with SANS 1186-1 to 5 and to be to the approval of the local authority. Signs are to have anodised aluminium frames			
	Prices are to include for fixing by approved methods. The use of double sided tape will not be permitted. Surface mounted signs are to be concealed fixed and ceiling mounted signs are to be hung with 2mm diameter stainless steel cables			
	Single sided ceiling mounted signs are to have 2mm satin chrome anodised aluminium back panels			
	Samples, specifications, literature, etc of materials and fabricated articles the tenderer proposes to use shall be submitted with the tender			
	A ten year guarantee on materials and workmanship shall be submitted by the successful tenderer			
	References at the end of the item descriptions are to the relative items on drawings issued separately with the Architectural Drawings			
	<u>All Cupboards, including Kitchen, Reception, Radio, CAS Terminal, Bedroom, etc</u>			
	Kitchen cupboards are to be manufactured of 16 mm particle board with A-grade white melamine finish on both sides and edges. Tops are to be of 30mm rustenburg granite. Edges of tops are to be square, front overhang at 35mm and end edge overhang at 15mm			
	Only first grade material to be used. Approved hinges and runners with lifetime guarantee must be used. Two-year guarantee must be provided on workmanship and materials. Contractor must be a member of the Kitchen Specialist Association (KSA)			
	Carried Forward		R	
	Bill No. 10 Ironmongery Molelane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Units - 16mm A grade White Melamine:</u>			
	Door colour - PG Accent - Folkstone Grey Peen			
	Door edge colour - 1,5mm Folkstone Grey			
	Carcass edge colour - 1,0mm Matching door colour			
	Door profile - impact			
	Boards & fillers - 16mm PG Accent - Folkstone Grey			
	Exposed Sides - 16mm PG Accent - Folkstone Grey			
	Plastic adjustable carcass legs			
	Aluminium protection tray for Sink Unit			
	Aluminium worktop support brace for sink cut out			
	3mm Backing boards on all units			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 132			
	<u>COMPONENTS</u>			
	<u>Hinges, locks, handles, catches, hooks, towel rails, grab rails, etc, sets of floor spring hinges, sets of sliding gear for doors, cording sets, etc fixed to timber</u>			
	<u>Hinges, bolts, etc</u>			
2/10/158	150 x 32mm Satin chromium plated or equal approved barrel bolt	No 6		
2/10/159	150 x 32mm Satin chromium plated or equal approved necked barrel bolt	No 6		
2/10/160	Stainless steel or equal approved disabled WC indicator bolt and turnknob for physically impaired	No 1		
2/10/161	Stainless steel or equal approved WC indicator bolt	No 10		
2/10/162	Stainless steel or equal approved adjustable roller bolt	No 6		
	<u>Locks</u>			
2/10/163	Stainless steel bathroom dead-lock or equal approved with case size 102 x 78mm	No 11		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION		QUANTITY	RATE	AMOUNT
	Brought Forward			R	
2/10/164	Stainless steel cylinder sash-lock or equal approved with case size 116.5 x 78mm	No	62		
2/10/165	Stainless steel cylinder dead-lock or equal approved with case size 116.5 x 78mm	No	11		
2/10/166	65mm Satin nickel or equal approved euro-profile bathroom cylinder	No	8		
2/10/167	63mm Satin nickel or equal approved euro-profile double cylinder - Master Keyed	No	56		
2/10/168	40.5mm Satin nickel or equal approved euro-profile single cylinder - Master Keyed	No	9		
2/10/169	45mm Satin nickel or equal approved padlock with 8mm stainless steel shackle 30mm clearance - Master Keyed	No	2		
2/10/170	Master key	No	2		
	<u>Handles</u>				
2/10/171	Satin chromium plated or equal approved lever handle with cylinder cutout	No	62		
2/10/172	Grade 430 brushed stainless steel or equal approved pull handle fixed on a 75 x 170 x 1.2mm thick grade 430 brushed stainless steel plate with NO cylinder cutout. Plate to have 4 countersunk holes screwed along edges at not exceeding 200mm centres	No	10		
2/10/173	Grade 430 brushed stainless steel or equal approved pull handle fixed on a 150 x 300 x 1.2mm thick grade 430 brushed stainless steel plate with NO cylinder cutout. Plate to have 6 countersunk holes screwed along edges at not exceeding 200mm centres	No	5		
2/10/174	Grade 430 brushed stainless steel or equal approved pull handle fixed on a 150 x 300 x 1.2mm thick grade 430 brushed stainless steel plate with cylinder cutout. Plate to have 6 countersunk holes screwed along edges at not exceeding 200mm centres	No	4		
2/10/175	62 x 44mm Stainless steel or equal approved ring flush pull handle	No	16		
	Carried Forward			R	
	Bill No. 10 Ironmongery Moletlane Police Station				

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Push plates and kick plates</u>			
2/10/176	75 x 170 x 1.2mm thick Grade 430 brushed stainless steel push plate with NO cylinder cutout. Plate to have 4 countersunk holes screwed along edges at not exceeding 200mm centres	No 10		
2/10/177	150 x 300 x 1.2mm thick Grade 430 brushed stainless steel push plate with NO cylinder cutout. Plate to have 6 countersunk holes screwed along edges at not exceeding 200mm centres	No 5		
2/10/178	150 x 300 x 1.2mm thick Grade 430 brushed stainless steel push plate with cylinder cutout. Plate to have 6 countersunk holes screwed along edges at not exceeding 200mm centres	No 4		
2/10/179	200 x 875 x 1.2mm thick Grade 430 brushed stainless steel kick plate to have 10 countersunk holes screwed along edges at not exceeding 200mm centres	No 16		
	<u>Letters, nameplates, etc</u>			
2/10/180	150 x 150mm Stainless steel or equal approved sign with male symbol	No 2		
2/10/181	150 x 150mm Stainless steel or equal approved sign with female symbol	No 2		
2/10/182	150 x 150mm Stainless steel or equal approved sign with male / female symbol	No 2		
2/10/183	150 x 150mm Stainless steel or equal approved sign with disabled person symbol	No 1		
2/10/184	150 x 150mm Stainless steel or equal approved sign with electrical symbol	No 5		
2/10/185	150 x 150mm Stainless steel or equal approved sign with fire hose reel symbol	No 5		
	<u>Sundries</u>			
2/10/186	Nickel plated or equal approved floor mounted door stop	No 72		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/10/187	Stainless steel or equal approved round cylinder escutcheon	No 5		
2/10/188	Nickel plated or equal approved rebate conversion kit for euro-profile locks	No 5		
2/10/189	Stainless steel or equal approved hat and coat hook with rubber buffer	No 10		
	<u>Hinges, locks, handles, catches, hooks, towel rails, grab rails, etc, sets of floor spring hinges, sets of sliding gear for doors, cording sets, etc fixed to metalwork</u>			
	<u>Hinges, bolts, etc</u>			
2/10/190	Stainless steel or equal approved single action floor spring hinge with stand open feature, including adjustable top centre and with box let into concrete	No 4		
2/10/191	Stainless steel or equal approved flush bolt	No 4		
2/10/192	Stainless steel or equal approved dust proof strike	No 11		
	<u>Locks</u>			
2/10/193	Stainless steel narrow stile dead-lock or equal approved operating with european profile cylinder with case size 174 x 52mm	No 10		
2/10/194	Stainless steel narrow stile roller dead-lock or equal approved operating with european profile cylinder with case size 174 x 52mm	No 2		
2/10/195	Stainless steel narrow stile hook-lock or equal approved operating with european profile cylinder with case size 174 x 45mm	No 3		
2/10/196	Anodized aluminium single electromagnetic-lock or equal approved with 600 lbf holding force, surface-mounted, with lock status sensor and red/green LED indicator	No 7		
2/10/197	63mm Satin nickel or equal approved euro-profile double cylinder - Master Keyed	No 7		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
Brought Forward			R	
2/10/198	63mm Satin nickel or equal approved euro-profile knob cylinder - Master Keyed	No 8		
2/10/199	45mm Satin nickel or equal approved padlock with 8mm stainless steel shackle 30mm clearance - Master Keyed	No 3		
2/10/200	Master key	No 2		
	<u>Handles</u>			
2/10/201	102 x 50mm Stainless steel or equal approved rectangular flush pull handle	No 6		
2/10/202	382 x 32mm Stainless steel or equal approved D-shaped offset tubular pull handle including fixing set	No 23		
2/10/203	325 x 25mm Stainless steel or equal approved straight tubular pull handle including fixing set	No 2		
	<u>Sundries</u>			
2/10/204	38mm Diameter nickel plated or equal approved floor mounted door stop	No 23		
2/10/205	Satin nickel or equal approved set of L+Z brackets for the electromagnetic-lock	No 7		
2/10/206	Stainless steel or equal approved round cylinder escutcheon	No 3		
2/10/207	Stainless steel or equal approved narrow stile cylinder escutcheon	No 12		
	<u>Door closers</u>			
2/10/208	Door closer for rebated doors with closing force of EN 3, hydraulic speed control, pull side fixing, etc. Door closer to be CERTI FIRE approved	No 1		
2/10/209	Door closer with parallel arm bracket, closing force of EN 2 - 4, push side fixing, etc	No 1		
2/10/210	Door closer with closing force of EN 3 or 4, cam action slide channel, hydraulic speed control, pull side - leaf or transom fixing, push side - leaf or transom fixing, etc	No 15		
Carried Forward			R	
Bill No. 10 Ironmongery Moletlane Police Station				

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Bathroom fittings</u>			
2/10/211	Chromium plated toilet roll holder, plugged	No 10		
2/10/212	Chromium plated lockable toilet roll holder, plugged	No 4		
2/10/213	Chromium plated soap dish, plugged	No 10		
2/10/214	Soap dispenser, plugged	No 7		
2/10/215	Towel roll holder, plugged	No 5		
2/10/216	32mm Chromium plated back grab rail, plugged	No 1		
2/10/217	32mm Chromium plated side grab rail, plugged	No 1		
	<u>Photoluminescent signs</u>			
	<u>Wall mounted photoluminescent statutory signs in 390 x 190mm modules</u>			
2/10/218	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with Running Man Left symbol and one 190 x 190mm sign with Left Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 15		
2/10/219	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with Running Man Right symbol and one 190 x 190mm sign with Right Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 15		
2/10/220	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with Fire Extinguisher symbol and one 190 x 190mm sign with Down Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 16		
2/10/221	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with Fire Hose Reel symbol and one 190 x 190mm sign with Down Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 10		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/10/222	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with Fire Hydrant symbol and one 190 x 190mm sign with Down Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 2		
2/10/223	390 x 190mm Sign with one sided photo luminescent PVC sign of one 190 x 190mm sign with EXIT symbol and one 190 x 190mm sign with Down Arrow symbol, wall mounted with dome headed chrome screws and 12mm diameter perspex spacers 12mm long	No 5		
	<u>Purpose made SAPS signs</u>			
	<u>Identification, welcome, directory, room description signs, etc</u>			
2/10/224	Single sided wall mounted 1100 x 1100mm star mounted SAPS Emblem formed of cast bronze aluminium, with individual letters applied on pins in aluminium sprayed in blue / black / white with "MOLETLANE POLICE STATION" insignia (L9.1)	No 1		
2/10/225	2450 x 1220mm Welcome sign formed of 1mm white chromadek sheet fixed back to back to 50 x 25mm rectangular tube frame all round with 25 x 25mm square tube support frame on two (2). 50 x 50 x 1.6mm square steel tube poles 3600mm high fixed into 300 x 300 x 500mm deep concrete base with "WELCOME" insignia and other information as per (L9.2) signage	No 1		
2/10/226	1850 x 925mm Batho Pele Principles sign formed of 1mm white chromadek sheet fixed back to back to 50 x 25mm rectangular tube frame all round with 25 x 25mm square tube support frame on two (2). 50 x 50 x 1.6mm square steel tube poles 3600mm high fixed into 300 x 300 x 500mm deep concrete base with "BATHO PELE PRINCIPLES" insignia and other information as per (L9.3) signage	No 1		
2/10/227	Single sided wall mounted 600 x 1600mm Directory / Welcome sign formed of clear anodized aluminium single sign holder extrusion 10 No. vertically, clear cover with silicon seal, clear anodized aluminium end caps, standard "WELCOME TO MOLETLANE SAPS" insignia and other information and arrows will depend on the positioning of each (L9.5) signage	No 5		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/10/228	Single sided wall mounted 800 x 600mm Building Block sign formed of 1mm white chromadek sheet and clear anodized aluminium holder with various building block name and number insignia (L9.6)	No 13		
2/10/229	Double sided wall bracket 150 x 300mm Projecting sign formed of clear anodized aluminium single sign holder extrusion 2 No. back-to-back, clear cover with silicon seal, plastic end caps, black steel base, various room descriptions insignia (L9.7)	No 75		
2/10/230	300 x 300mm white Vinyl Sticker to front door glass of CSC with SAPS insignia (L9.8)	No 20		
2/10/231	Single sided wall mounted 600 x 800mm Directory sign formed of clear anodized aluminium single sign holder extrusion 15 No. vertically, clear cover with silicon seal, clear anodized aluminium end caps, various block number and various room descriptions applicable to each block (L9.9)	No 10		
2/10/232	Double sided 150 x 600mm Suspended sign formed of clear anodized aluminium single sign holder extrusion 2 No. back-to-back, clear cover with silicon seal, stainless steel cables, plastic end caps, hanging plastic element for suspended signs, various area descriptions insignia (L9.10)	No 15		
2/10/233	Double sided wall bracket 200 x 200mm Projecting sign formed of clear anodized aluminium single sign holder extrusion 2 No. back-to-back, clear cover with silicon seal, plastic end caps, black steel base, toilets insignia (L9.11)	No 10		
	<u>PROPRIETARY KITCHEN CUPBOARDS, LOCKERS, WRITING BOARDS, SEATS, ETC</u>			
	<u>Proprietary kitchen cupboards</u>			
	<u>A-grade kitchen cupboards, plugged</u>			
2/10/234	Wall unit 600 x 350 x 800mm high, one (1) door, complete with timber supports, etc	No 1		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/10/235	Floor unit 1690 x 605 x 880mm high, two (2) doors, three (3) drawers of various sizes, complete with timber supports, etc and 30mm rustenburg granite top	No 1		
2/10/236	Floor unit 1130 x 605 x 880mm high, one (1) door, complete with timber supports, etc and 30mm rustenburg granite top, with 600 x 880mm space (right) under the granite top for small fridge (fridge elsewhere)	No 1		
2/10/237	Wall unit 1745 x 350 x 800mm high, three (3) doors, complete with timber supports, etc	No 1		
2/10/238	Sink unit 1745 x 605 x 880mm high, one (1) door, three (3) drawers of various sizes, complete with timber supports, etc and 30mm rustenburg granite top, with 600 x 880mm space (right) under the granite top for small fridge (fridge and sink elsewhere)	No 1		
2/10/239	Wall unit 1200 x 350 x 800mm high, two (2) doors, complete with timber supports, etc	No 1		
2/10/240	Sink unit 1845 x 605 x 880mm high, one (1) door, three (3) drawers of various sizes, complete with timber supports, etc and 30mm rustenburg granite top, with 600 x 880mm space (middle) under the granite top for small fridge (fridge and sink elsewhere)	No 1		
2/10/241	L-shaped floor unit comprising two (2) 750 x 570 x 880mm high unit and one (1) 900 x 570 x 880mm corner unit with six (6) drawers of various sizes and one (1) corner door, complete with timber supports, etc and 30mm rustenburg granite top	No 3		
2/10/242	L-shaped floor unit comprising one (1) 900 x 570 x 880mm high sink unit, two (2) 450 x 570 x 880mm units and one (1) 900 x 570 x 880mm corner unit with four (4) doors and one (1) corner door, complete with timber supports, etc and 30mm rustenburg granite top (sink elsewhere)	No 3		
2/10/243	Floor unit 600 x 570 x 2210mm high with one (1) door, complete with timber supports, etc	No 3		
2/10/244	Wall unit 600 x 330 x 800mm high with one (1) door, complete with timber supports, etc	No 3		
	Carried Forward		R	
	Bill No. 10 Ironmongery Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/10/245	Wall unit 890 x 330 x 800mm high with two (2) doors, complete with timber supports, etc	No 3		
	<u>Lockers</u>			
	<u>Powder coated teel lockers with standard baked enamel finish</u>			
2/10/246	Steel locker overall size 300 x 450 x 1800mm high with two (2) doors with louvre vents, base, shelf and two (2) coat hooks with 3 way locking system, lockers to be bolted together	No 11		
	<u>Writing boards, etc</u>			
	<u>Pinning boards, writing boards, projection screens, etc</u>			
2/10/247	Pinning board 1500 x 1200mm high, plugged	No 18		
2/10/248	White writing board 2500 x 1250mm high with marker rail, plugged	No 1		
	<u>Metal benches</u>			
	<u>Aluminium and mild steel benches</u>			
2/10/249	Floor mounted bench with 25 x 25 x 1.6mm powder coated mild steel tubing and 90 x 20mm saligna with top edges rounded, 40 x 20mm saligna hardwood edge to front and exposed sides	m 10		
2/10/250	2900mm long die cast aluminium five (5) seater	No 1		
2/10/251	2320mm long die cast aluminium four (4) seater	No 1		
2/10/252	1760mm long die cast aluminium three (3) seater	No 2		
	Carried Forward to Summary of Section No. 2		R	
	Bill No. 10			
	Ironmongery			
	Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 11</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>PREAMBLES FOR TRADES</u>			
	<p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities 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 bills of quantities 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 contractor's prices for all items throughout these bills of quantities 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><u>SAPS - Project 5-Star Specifications 2012</u></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><u>NOTE</u></p> <p>All steelwork to be hot dipped galvanised.</p> <p>All structural steel must be grade 300W.</p> <p>All nuts and bolts must be grade 8.8 unless otherwise indicated and are to be galvanised.</p> <p>All welds must be 6mm fillet welds unless otherwise indicated.</p>			
	Carried Forward		R	
	Bill No. 11 Structural Steelwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	All connections are considered bolted connections unless otherwise shown.			
	All welds to be with E700XX electrodes, according to AWS or similar approved by the Engineer.			
	Prices to include for preparation of shop drawings for approval of the Engineer prior to manufacture.			
	Prices to include for all cutting, bending, welding, etc.			
	<u>Descriptions</u>			
	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 Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 134			
	<u>STEELWORK</u>			
	<u>Columns, beams and other members</u>			
	<u>Hot dipped galvanised and welded columns and beams spliced with end plates, connection plates and angle irons bolted to brickwork or concrete</u>			
2/11/253	100 x 100 x 3mm Square hollow section columns	t	0.90	
2/11/254	102 x 133 x 13kg/m T-beams	t	0.80	
2/11/255	125 x 75 x 20 x 2.5mm Lipped channels	t	4.20	
2/11/256	200 x 100 x 3mm Rectangular hollow section	t	3.20	
2/11/257	100 x 100 x 3mm Angel iron	t	0.40	
2/11/258	100 x 65 x 8mm Unequal angel iron	t	0.70	
	Carried Forward		R	
	Bill No. 11 Structural Steelwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/11/259	250 x 250 x 10mm Base plates with full penetration weld to beam four times holes for and including four (4) 12mm diameter grade 8.8 heavy duty bolts	No 30		
	<u>High tensile bolts and high strength friction grip bolts including nuts and washers</u>			
2/11/260	Heavy duty bolts with nuts and washers	t 0.80		
Carried Forward to Summary of Section No. 2				R
Bill No. 11 Structural Steelwork Moletlane Police Station				

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 12</u>			
	<u>METALWORK</u>			
	<u>PREAMBLES FOR TRADES</u>			
	The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities 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 bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles			
	The contractor's prices for all items throughout these bills of quantities 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			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>SAPS - Project 5-Star Specifications 2012</u>			
	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.			
	<u>Descriptions</u>			
	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 Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	Carried Forward		R	
	Bill No. 12 Metalwork Moetlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres			
	<u>Aluminium doors, windows, etc</u>			
	Doors and windows shall comply with AAAMSA design criteria			
	Glazing shall comply with SAGGA regulations. Glass shall be laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities. Glass thickness shall comply with SAGGA regulations irrespective of thicknesses shown on the schedules/drawings			
	Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed			
	For purpose made windows and doors, refer to schedules annexed to these bills of quantities			
	The following certificates shall be provided prior to commencement of site work:			
	1. A copy of the relevant AAAMSA Performance Test Certificate (rom the manufacturer/contractor supplying the architectural aluminium product			
	2. A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively			
	3. A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained In this guarantee shall form part of the powder coating process			
	4. A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of Safety glazing materials has been permanently marked			
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	5. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour depredation for a period of not less than five years			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 136			
	<u>STEELWORK</u>			
	<u>Hot dipped galvanised mild steel windows and doors, etc</u>			
2/12/261	Purpose made combination cell door and steel grill gate, size 1020 x 2020mm in accordance with drawing nr: POL2012/D1 T3-T2 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 1 of 2 suites for the entire cell complex (D15)	No 3		
2/12/262	Purpose made combination cell door and steel grill gate, size 1015 x 2020mm in accordance with drawing nr: POL2012/D1 T3 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 1 of 2 suites for the entire cell complex (D16)	No 1		
2/12/263	Purpose made combination cell door and steel grill gate, size 1020 x 2020mm in accordance with drawing nr: POL2012/D1 T3-T2 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 1 of 2 suites for the entire cell complex (D17)	No 2		
2/12/264	Purpose made combination cell door and steel grill gate, size 1020 x 2020mm in accordance with drawing nr: POL2012/D1 T3-T2 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 1 of 2 suites for the entire cell complex (D19)	No 2		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/12/265	Purpose made combination cell door and steel grill gate, size 1210 x 2020mm in accordance with drawing nr: POL2012/D1a T3-1, including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 2 of 2 suites for the entire cell complex (D10)	No 1		
2/12/266	Purpose made combination cell door and steel grill gate, size 1210 x 2020mm in accordance with drawing nr: POL2012/D1a T3-1-T1 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 2 of 2 suites for the entire cell complex (D11)	No 1		
2/12/267	Purpose made combination cell door and steel grill gate, size 1015 x 2020mm in accordance with drawing nr: POL2012/D1 T3 including ironmongery, hinges, 4 lever locks, etc to be ordered from SAPS: Building Services, master keyed with strictly 2 of 2 suites for the entire cell complex (D12)	No 3		
	<u>Hot dipped galvanised mild steel security screens, etc</u>			
2/12/268	Purpose made galvanized steel grill security screen, size 2100 x 2110mm to counter top, fixed in accordance with project five star 2012	No 1		
2/12/269	Purpose made galvanized steel grill security screen, size 1500 x 2110mm to counter top, fixed in accordance with project five star 2012	No 1		
2/12/270	Purpose made galvanized steel grill security screen, size 1400 x 2110mm to counter top, fixed in accordance with project five star 2012	No 1		
2/12/271	Purpose made galvanized steel grill security screen, size 2000 x 3060mm, fixed in accordance with project five star 2012	No 1		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Stairs, balustrading, cat ladders, grilles, gates, framework, etc</u>			
	<u>Handrails, etc</u>			
2/12/272	50mm Diameter stainless steel hollow tube handrail welded to 6mm steel rod in intervals anchored to the brick wall	m 26		
2/12/273	50mm Diameter stainless steel shackles rail, chemically anchored through 150 x 150 x 6mm stainless steel base plate fixed to wall with 4 x M10 full threaded bolts	m 3		
	<u>Welded screens, gates, etc</u>			
2/12/274	Steel gate size 850 x 2100mm made out of 50 x 25 x 2.5mm mild steel rectangular tubing miter 45 degree's at corners before welded with 50 x 25 x 2.5mm mild steel rectangular tubing horizontal sections with 15 x 15mm mild steel solid square bars vertical uprights at centres (D21)	No 7		
2/12/275	Double vehicular gate size 4250 x 2975mm high made out of 100 x 50 x 3.5mm mild steel rectangular tubing miter 45 degree's at corners before welded with 50 x 25 x 2.5mm mild steel rectangular tubing horizontal and vertical sections with 2mm thick solid steel plates at bottom, flatex 345mesh in between 12 x 12mm mild steel solid square bars welded onto 100 x 50 x 3.5mm frame including lockset, 80mm dia. metal roller wheels with v-groove welded to gate frame in accordance with drawing No. POL2012/D6 (D22)	No 1		
2/12/276	Hot dip galvanised four arm, bi-directional single turnstile, size 1370 x 2085mm, complete with zinc coating, biometric reader mounting bracket with polyester external grade power coat, etc (D25)	No 1		
	<u>Hot dipped galvanised steel mesh</u>			
2/12/277	Hot dipped galvanised carbon hardened woven steel mesh with 4.8mm diameter wire, 12 x 12mm aperture and high carbon coating installed according to project 5-star specification 2012	m² 142		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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MS 5th

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/12/278	Hot dipped galvanized steel mesh installed according to the project 5-star specification 2012 drawing no. POL2012/G1	m ² 35		
2/12/279	50 x 50 x 5mm Angle welded onto steel brackets	m 448		
2/12/280	40 x 40 x 3mm Angle welded to mesh and main frame	m 448		
2/12/281	40 x 40 x 3mm T support welded to mesh	m 44		
2/12/282	90 x 90 x 6mm Angle bracket 150mm long two times holed for and including two (2) 110mm long M12 bolts and bolted to wall	No 63		
2/12/283	90 x 90 x 6mm Angle bracket 150mm long two times holed for and including two (2) 110mm long M16 bolts and bolted to wall	No 34		
2/12/284	90 x 90 x 6mm Angle bracket 300mm long two times holed for and including two (2) 110mm long M16 bolts and bolted to wall	No 76		
2/12/285	3mm Steel plate, size 1250 x 1000mm with one hole for 20mm diameter weephole, welded to mesh	No 9		
	<u>Floors, etc formed of open grillework or gratings</u>			
2/12/286	Heavy duty grating to floors with 50 x 4.5mm bearer bars in unbanded panels in suitable lengths, spot welded to framing	m ² 5		
	<u>DOORS, WINDOWS, CURTAIN WALLING, SHOPFRONTS, STEEL FRAMES FOR DOORS, WINDOWS, ETC</u>			
	<u>Door frames</u>			
	<u>150 x 40mm pressed steel frame built in half brick wall</u>			
2/12/287	Frame for door 813 x 2032mm high	No 20		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>150 x 40mm pressed steel frame built in one brick wall</u>			
2/12/288	Frame for door 813 x 2032mm high	No 58		
2/12/289	Frame for door 933 x 2032mm high	No 3		
2/12/290	Frame for door 1511 x 2032mm high	No 7		
2/12/291	Frame for door 1265 x 2032mm high	No 1		
	<u>Windows etc</u>			
	<u>Windows, doors, etc of rolled sections</u>			
2/12/292	Purpose made window, size 850 x 950mm with side hung opening section ref. SAPS Project 5-Star Specifications 2012 drawing no.POL2012/W1	No 41		
2/12/293	Purpose made window, size 700 x 1000mm ref. SAPS Project 5-Star Specifications 2012 drawing no. POL2012/V1	No 2		
	<u>Miscellaneous</u>			
	<u>Strongroom doors, roller shutters, collapsible gates, roof lights, pavement lights, fireplace units, stoves, etc</u>			
2/12/294	950 x 1890mm Mutual safe & security door DS2, SABS category - strongroom / safe door or equal SABS and SAPS Project 5-Star Specifications 2012 approved (D4)	No 3		
2/12/295	Transformer door with fixed sheet metal louvre unit and expanded metal mesh backing with flyscreen to suit opening size 1570 x 2100mm high including lockset complete as supplier by manufacturer (SABS and SAPS Project 5-Star Specifications 2012 approved) (D6)	No 2		
2/12/296	Rollershutter door manually operated, including overhead shutter box supplied and installed all in accordance with the manufacturer's instructions, overall size 1800 x 2100mm high (D8)	No 1		
2/12/297	Rollershutter door manually operated, including overhead shutter box supplied and installed all in accordance with the manufacturer's instructions, overall size 2000 x 2100mm high (D23)	No 1		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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MS
5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>ALUMINIUM WINDOWS, DOORS, ETC (CPAP WORK GROUP 140)</u>			
	<u>Windows, doors, screens, etc</u>			
	<u>Windows, doors, fly screens, burglar screens, adjustable louvre insert units, etc</u>			
2/12/298	Window size 2100 x 1500mm with a bronze finish and 6.5mm laminated glass (W1)	No 7		
2/12/299	Window size 2100 x 600mm with a bronze finish and 6.5mm laminated glass (W2)	No 12		
2/12/300	Window size 1200 x 1500mm with a bronze finish and 6.5mm laminated glass (W3)	No 4		
2/12/301	Window size 1500 x 1200mm with a bronze finish and 6.5mm laminated glass (W4)	No 23		
2/12/302	Window size 1200 x 900mm with a bronze finish and 6.5mm laminated glass (W5)	No 4		
2/12/303	Window size 600 x 900mm with a bronze finish and 6.5mm laminated glass (W6)	No 16		
2/12/304	Window size 1500 x 900mm with a bronze finish and 6.5mm laminated glass (W7)	No 1		
2/12/305	Window size 1500 x 600mm with a bronze finish and 6.5mm laminated glass (W8)	No 13		
2/12/306	Window size 1500 x 1000mm with a bronze finish and 6.5mm laminated glass (W9)	No 2		
2/12/307	Window size 600 x 1500mm with a bronze finish and 6.5mm laminated glass (W10)	No 15		
2/12/308	Window size 1800 x 600mm with a bronze finish and 6.5mm laminated glass (W13)	No 2		
2/12/309	Window size 900 x 1200mm with a bronze finish, 6.5mm laminated glass and a 150mm high opening at the bottom (W14)	No 1		
	Carried Forward		R	
	Bill No. 12 Metalwork Moletlane Police Station			

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MS 5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 13</u>			
	<u>PLASTERING</u>			
	<u>PREAMBLES FOR TRADES</u>			
	<p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities 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 bills of quantities 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 contractor's prices for all items throughout these bills of quantities 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><u>Note:</u></p> <p>1. The contractor to provide a five year guarantee on the granolithic floor finish</p>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>SAPS - Project 5-Star Specifications 2012</u>			
	<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>			
	Carried Forward		R	
	Bill No. 13 Plastering Moletlane Police Station			

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MS
5/11

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>Textured finishes</u>			
	All specialist plaster wall finishes are to be applied to the satisfaction of the Architect and executed by an approved firm of Specialists, all strictly in accordance with the materials supplied and methods employed by the Manufacturer			
	<u>Preparatory work for textured finishes</u>			
	Textured finishes to be applied to plaster (plaster elsewhere)			
	All surfaces are to be inspected and approved by the Architect before any work is commenced with			
	<u>Prices for textured finishes</u>			
	Prices are to include for all priming, preparatory work, etc.			
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 142			
	<u>SCREEDS</u>			
	<u>Screeds steel trowelled on concrete</u>			
2/13/315	30mm Thick on floors and landings	m ² 966		
2/13/316	30mm Thick on treads and risers of stairs, including reedings	m ² 38		
2/13/317	Average 50mm thick on floors to falls to receive waterproofing	m ² 154		
	<u>GRANOLITHIC</u>			
	<u>Untinted granolithic steel trowelled on concrete</u>			
2/13/318	30mm Thick on floors	m ² 390		
	Carried Forward		R	
	Bill No. 13 Plastering Moletlane Police Station			

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 M5
C4

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
2/13/319	250mm High monolithic upwards sloping concave skirting - Tenderers are referred to SAPS Project 5-Star Specifications 2012 drawing no. POL2012/B1	m 340		
	<u>Untinted granolithic wood trowelled on concrete</u>			
2/13/320	30mm Thick on floors	m ² 137		
2/13/321	250mm High monolithic upwards sloping concave skirting - Tenderers are referred to SAPS Project 5-Star Specifications 2012 drawing no. POL2012/B1	m 146		
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster steel trowelled on brickwork</u>			
2/13/322	On walls	m ² 3,322		
2/13/323	In narrow widths	m ² 154		
	<u>Cement plaster steel trowelled on concrete</u>			
2/13/324	On ceilings	m ² 226		
2/13/325	In narrow widths	m ² 20		
	<u>Dividing strips, edge trims, etc</u>			
2/13/326	12mm Galvanised steel edge strips fixed to brickwork or concrete	m 100		
	Carried Forward to Summary of Section No. 2		R	
	Bill No. 13			
	Plastering			
	Moletlane Police Station			

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MS
55

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 14</u>			
	<u>TILING</u>			
	<u>PREAMBLES FOR TRADES</u>			
	<p>The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities 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 bills of quantities 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 contractor's prices for all items throughout these bills of quantities 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>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>SAPS - Project 5-Star Specifications 2012</u>			
	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.			
	<u>Descriptions</u>			
	Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding			
	Carried Forward		R	
	Bill No. 14 Tiling Moletlane Police Station			

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 M5

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	Brought Forward		R	
	<u>CPAP WORK GROUP</u>			
	Unless otherwise stated, all items in this bill will be Work Group 144			
	<u>WALL TILING</u>			
	<u>300 x 300 x 10mm Porcelain tiles (PC R200/m²) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout</u>			
2/14/327	On walls	m²	178	
2/14/328	Narrow widths not exceeding 300mm wide	m²	10	
	<u>152 x 152 x 4mm White glazed tiles (PC R120/m²) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout</u>			
2/14/329	On walls	m²	3	
	<u>FLOOR TILING</u>			
	<u>300 x 300 x 10mm Non-slip porcelain tiles (PC R200/m²) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout</u>			
2/14/330	On internal floors and landings	m²	966	
2/14/331	Narrow widths not exceeding 300mm wide	m²	60	
2/14/332	150mm High skirting cut from porcelain tiles	m	491	
	<u>240 x 240 x 11mm Unglazed extruded ceramic tiles (PC R150/m²) fixed with adhesive to plaster (plaster elsewhere) and flush pointed with tinted grout</u>			
2/14/333	On internal floors and landings	m²	24	
2/14/334	Narrow widths not exceeding 300mm wide	m²	2	
2/14/335	On treads 250mm wide cut from unglazed extruded ceramic tiles	m	20	
	Carried Forward		R	
	Bill No. 14 Tiling Moletlane Police Station			

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MS
5m

ITEM NO	DESCRIPTION	QUANTITY	RATE	AMOUNT
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 15</u>			
	<u>PLUMBING AND DRAINAGE(PROVISIONAL)</u>			
	<u>PREAMBLES FOR TRADES</u>			
	The General Preambles for Trades 2017 published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities 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 bills of quantities to satisfy the requirements of this project. Such supplementary preambles and/or specifications shall take precedence over the provisions of the General Preambles			
	The contractor's prices for all items throughout these bills of quantities 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			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	Plumbing shall be partially LIC and local skilled workers may be sourced			
	<u>SAPS - Project 5-Star Specifications 2012</u>			
	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.			
	Carried Forward		R	
	Bill No. 15 Plumbing and Drainage (Provisional) Moletlane Police Station			

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