

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

General

The following cupboard fittings are given as complete units i.e. the components of the units have not been given separately. Descriptions of such units shall, therefore, be deemed to include all components, assembling, housing, notching, glueing, blocking, planting-on and screwing with countersunk screws, edge strips, thermosetting plastic laminate, glass, ironmongery, metalwork, paint or varnish finishes, etc.

Prices are to include for all necessary filler pieces against walls etc.

Tenderers are advised that all joinery works shall be subject to Architects approval of shop drawings, prior to manufacturing.

References

References given in descriptions refer to the respective types of fittings detailed on the architect's drawing(s) annexed to these Bills of Quantities.

Tenderer's are to refer to Architect's Joinery Schedule.

GRANITE WORKTOPS

32mm Granite worktop

| | | | |
|----|---|----|---|
| 16 | Worktop size 1000 x 750 x 750mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to wall - Finance office (Refer to drawing number 390 Rev 1) | No | 1 |
| 17 | Worktop size 1115 x 900 x 793mm high, supported on brickwork - Front service area (Refer to drawing number 388 Rev 1) | No | 3 |
| 18 | Worktop size 2030 x 600 x 901mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to the wall - Temporary SAP 13 store (Refer to drawing number 382 Rev 1) | No | 1 |
| 19 | Worktop size 2220 x 605 x 901mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to the wall - Safe lobby (Refer to drawing number 402 Rev 1) | No | 1 |

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| | | | |
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| 20 | Worktop size 2400 x 750 x 750mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to wall - Finance office (Refer to drawing number 390 Rev 1) | No | 1 |
| 21 | Worktop size 2934 x 630 x 750mm high, supported on brickwork - Front service area (Refer to drawing number 388 Rev 1) | No | 1 |
| 22 | "L" Shaped worktop overall size 5550 x 750 x 1033mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to wall - CAS Terminal (Refer to drawing number 392 Rev 1) | No | 1 |
| 23 | "L" Shaped 32mm granite worktop overall size 6760 x 750 x 1005mm high, supported on 30 x 30mm and 50 x 50mm angle iron welded together and bolted to the wall - Radio room (Refer to with drawing number 400 Rev 1) | No | 1 |
| <u>BUILT IN CUPBOARDS</u> | | | |
| <u>20mm Saligna timber</u> | | | |
| 24 | Cupboard size 615 x 600 x 2100mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with one hinged door sized at 615 x 2103mm high - Finance office (Refer to drawing number 390 Rev 1) | No | 1 |
| 25 | Cupboard size 895 x 600 x 2380mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with two hinged doors each sized at 447 x 2280mm high - Lecture room (Refer to drawing number 412 Rev 1) | No | 1 |
| 26 | Cupboard size 950 x 600 x 2380mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with two hinged doors each sized at 475 x 2280mm high - Lecture room (Refer to drawing number 412 Rev 1) | No | 1 |
| 27 | Cupboard size 1565 x 600 x 2186mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with three hinged doors each sized at 522 x 2086mm high - Office (Refer to drawing number 398 Rev 1) | No | 1 |

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| 28 | Cupboard size 1965 x 600 x 2125mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with four hinged doors each sized at 500 x 2025mm high - Officer (Refer to drawing number 399 Rev 1) | No | 1 |
| 29 | Cupboard size 2765 x 600 x 2025mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with five hinged doors each sized at 553 x 2025mm high - Station Commander (Refer to drawing number 407 Rev 1) | No | 1 |
| 30 | Cupboard size 2720 x 600 x 2124mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with five hinged doors each sized at 544 x 2025mm high - CIAC office (Refer to drawing number 391 Rev 1) | No | 1 |
| 31 | "L" Shaped cupboard overall size 3118 x 600 x 2226mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base, with three hinged doors sized at 682 x 2025mm high, 550 x 2025mm high, 685 x 1078mm high and one set of five drawers - Reception (Refer to drawing number 401 Rev 1) | No | 1 |
| 32 | Cupboard size 4920 x 550 x 2025mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with ten hinged doors sized at 500 x 2025mm high - Admin office (Refer to drawing number 386 Rev 1) | No | 1 |
| 33 | Cupboard size 7490 x 600 x 2031mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with fourteen hinged doors, twelve hinged doors sized at 524 x 2031mm high and two sized at 600 x 1100mm high - Investigators office (Refer to drawing number 391 Rev 1) | No | 1 |

FLOOR CUPBOARDS WITH GRANITE TOPS

20mm Saligna timber cupboard with 32mm granite worktop

| | | | |
|----|---|----|---|
| 34 | Cupboard with granite top size 900 x 600 x 900mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with two hinged doors each sized at 450 x 900mm high - Caretakers change room (Refer to drawing number 413 Rev 1) | No | 1 |
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| 35 | Cupboard with granite top size 1120 x 600 x 900mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with three hinged doors each sized at 373 x 900mm high - Caretakers change room (Refer to drawing number 413 Rev 1) | No | 1 | |
| 36 | Cupboard with granite top size 1115 x 600 x 1030mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with a set of four drawers and one hinged door sized at 557 x 900mm high - Investigators office (Refer to drawing number 410 Rev 1) | No | 2 | |
| 37 | Cupboard with granite top size 1600 x 600 x 1036mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with four hinged doors each sized at 400 x 935mm high - Kitchen (Refer to drawing number 411 Rev 1) | No | 1 | |
| 38 | Cupboard with granite top size 2000 x 600 x 1000mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with two hinged doors each sized at 500 x 900mm high, and two sets of four drawers - Lecture room (Refer to drawing number 412 Rev 1) | No | 1 | |
| 39 | Cupboard with granite top size 3000 x 600 x 1030mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with five hinged doors each sized at 500 x 900mm high, one set of six drawers - Kitchen (Refer to drawing number 411 Rev 1) | No | 1 | |
| 40 | Cupboard with granite top size 2880 x 600 x 1100mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with five hinged doors each sized at 500 x 900mm high, and one set of four drawers - Statement and fingerprint (Refer to drawing number 406 Rev 1) | No | 1 | |
| 41 | Cupboard with granite top size 3515 x 600 x 1030mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with three hinged doors two sized at 598 x 900 and one 560 x 900mm high, and one set of four drawers - Telephone POD (Refer to drawing number 381 Rev 1) | No | 1 | |
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| 42 | "L" Shaped cupboard with granite top size 3705 x 600 x 1030mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with six hinged door each sized at 450 x 900mm high, and one set of four drawers - Tea room (Refer to drawing number 380 Rev 1) | No | 1 |
| 43 | "L" Shaped cupboard with granite top overall size 4075 x 600 x 1000mm high formed of 20mm thick Saligna timber frame, timber shelves, backing and base with five hinged doors, two doors sized at 560 x 900mm high and three doors sized at 471 x 900mm high, and one set of four drawers - Caretakers restroom (Refer to drawing number 414 Rev 1) | No | 1 |
| 44 | "U" Shaped cupboard with granite top overall size 7420 x 600 x 1030mm high formed of 20mm thick Saligna timber frame, timber shelves backing and base with ten hinged doors, seven doors sized at 449 x 900mm high and three doors sized at 400 x 900mm high, and one set of four drawers - Server room (Refer to drawing number 405 Rev 1) | No | 1 |
| <u>DESKS WITH GRANITE TOPS</u> | | | |
| <u>32mm Granite worktop</u> | | | |
| 45 | Desk with granite counter top size 1600 x 1000 x 1100mm high complete - Reception (Refer to drawing number 401 Rev 1) | No | 1 |
| 46 | "U" Shaped work desk with granite counter top overall size 4525 x 600 x 1030mm high desk complete with six number cupboard doors each sized at 424 x 900mm high, one set of four drawers, one internal shelf at equal centres, etc. - Finger Print (Refer to drawing number 389) | No | 1 |
| 47 | "U" Shaped work desk with granite counter top overall size 8000 x 600 x 1033mm high desk complete with nine number cupboard doors, two doors sized at 545 x 900mm high, three sized at 571 x 900mm high, two sized at 471 x 900mm high and two sized at 455 x 900mm high, two sets of four drawers, one internal shelf at equal centres, etc. - CSC Commander (Refer to drawing number 393) | No | 1 |

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| 48 | Desk with granite counter top size 5300 x 850 x 1142mm high desk complete with three number internal shelf at equal centres, etc. - Front service area (Refer to drawing number 388 Rev 1) | No | 1 |
| <u>WALL MOUNTED SHELVES</u> | | | |
| <u>22mm SA Pine timber shelving</u> | | | |
| 49 | Shelving size 2880 x 400 x 750mm high - Statements and fingerprint room (Refer to drawing number 406 Rev 1) | No | 1 |
| 50 | Shelving size 1560 x 350 x 2692mm high - Weapons room (Refer to drawing number 396 Rev 1) | No | 1 |
| 51 | "L" Shaped shelving fixed to two sides of wall comprising of five shelving rows each with an overall length of 3000mm and a width of 350mm - Store (Refer to drawing number 403 Rev 1) | No | 1 |
| 52 | "L" Shaped shelving fixed to two sides of wall comprising of five shelving rows each with an overall length of 3390mm and a width of 350mm - Ammo room (Refer to drawing number 385 Rev 1) | No | 1 |
| 53 | "U" Shaped shelving fixed to three sides of wall comprising of five shelving rows each with an overall length of 4631mm and a width of 350mm - Store room (Refer to drawing number 409 Rev 1) | No | 1 |
| 54 | Shelving size 1488 x 850 x 1054mm high - Finger print area (Refer to drawing number 389 Rev 1) | No | 1 |
| 55 | "L" Shaped shelving fixed to two sides of wall comprising of five shelving rows each with an overall length of 5585mm and a width of 350mm - General store (Refer to drawing number 387 Rev 1) | No | 1 |
| 56 | "U" Shaped shelving fixed to three sides of wall comprising of five shelving rows each with an overall length of 7300mm and a width of 350mm - Temporary SAP 13 store room (Refer to drawing number 382 Rev 1) | No | 1 |
| 57 | "L" Shaped shelving fixed to two sides of wall comprising of five shelving rows each with an overall length of 7550mm and a width of 350mm - Store (Refer to drawing number 403 Rev 1) | No | 1 |

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| 58 | "U" Shaped shelving fixed to three sides of wall comprising of five shelving rows each with an overall length of 8490mm and a width of 350mm - Walk in safe (Refer to drawing number 395 Rev 1) | No | 1 |
| <u>SEATING</u> | | | |
| <u>Timber Bench</u> | | | |
| 59 | Timber seat comprising of 400mm diameter x 50mm thick hardwood seat on 100mm diameter x 3mm steel pipe with 300mm diameter x 6mm top flange and 300 x 300 x 6mm bottom flange bolted to floor with m12 expansion bolts. Seat screwed to base with 6 x 40mm long wood screws. seat top edges to radii 15mm (Refer to drawing number 388 Rev 1) | No | 3 |
| 60 | Timber bench 1120 x 400 x 400mm high on 50mm diameter x 3mm steel pipe fixed to the floor (Refer to drawing number 413 Rev 1) | No | 1 |
| 61 | "Greenfield" or other equal and approved wall mounted heavy duty bench 'WMS001' overall size 3485 x 400 x 476mm high custom made with 'WS008' wooden seat (Refer to drawing number 388/383 Rev 1) | No | 2 |

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| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 7</u></p> <p><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></p> <p><u>CPAP WORK GROUP NO. 126 UNLESS OTHERWISE STATED</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete.</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere.</p> <p><u>Ceilings</u></p> <p>Unless otherwise described ceilings shall be deemed to be horizontal.</p> <p><u>Steel components</u></p> <p>All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121.</p> <p>Unless otherwise described rates for partitions shall be deemed to include for standard flat section aluminium skirtings on both sides.</p> <p><u>SUSPENDED CEILINGS</u></p> | | | |
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| <p>Section No. 2 Bill No. 7 CEILINGS, PARTITIONS AND ACCESS FLOORING</p> | | | <div style="text-align: right; font-family: cursive;">  </div> |

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Proprietary suspended ceilings

Hangers, suspension grids, "lay-in" panels, etc are to be in accordance with the manufacturers' recommendations.

Flush plastered skim ceilings

Ceilings shall comprise 12mm gypsum plasterboard boards screwed to and including screw-up suspension grid consisting of main tees at 1 200mm centres and galvanised steel capped cross tees at 400mm centres and with tape fixed over joints and the whole finished with gypsum plaster trowelled to a smooth polished surface.

The grid shall be suspended by means of galvanised steel L-section hangers at suitable centres, securely shot-pinned or screwed to concrete, steel or wood.

Flush plastered gypsum plasterboard suspended bulkheads

Bulkheads shall comprise galvanised steel studding of 63,5mm top and bottom tracks with vertical studs at maximum 400mm centres, pop-riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with plasterboard screwed to studding with drywall screws at maximum 300mm centres. Boards shall be butt jointed and finished with tape and jointing compound and the whole finished with gypsum plaster trowelled to a smooth polished surface to the thickness recommended by the manufacturer.

Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc.

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"Pelican, Capco Systems" or other equal and approved, AMF Thermofon 600 x 1200 x 15mm thick acoustic white square edged ceiling tiles, laid on 24mm wide x 38mm high pre-painted exposed econogrid tee suspension system, including all necessary hangers, grids and hold down clips. Ceiling perimeter to be finished with prepainted Econo Shadowline wall angle (elsewhere measured), all in accordance with the manufacturer's recommendations and SABISA guidelines

| | | | |
|---|---|----|-----|
| 1 | Ceilings suspended not exceeding 1m below steel trusses | m2 | 705 |
| 2 | Opening for sprinkler head (Provisional) | No | 15 |
| 3 | Opening for 50mm diameter downlighter (Provisional) | No | 177 |
| 4 | Extra over ceiling for opening for 600 x 600mm light fitting (Provisional) | No | 87 |
| 5 | Extra over ceiling for opening for 1 200 x 600mm light fitting (Provisional) | No | 5 |
| 6 | Extra over ceiling for 600 x 600mm opening for ventilation grille/air conditioning diffuser (Provisional) | No | 10 |

BULKHEADS

Bulkheads shall comprise galvanised steel studding of 63,5mm top and bottom tracks with vertical studs at maximum 400mm centres, pop-riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with plasterboard screwed to studding with drywall screws at maximum 300mm centres. Boards shall be butt jointed and finished with tape and jointing compound and the whole finished with gypsum plaster trowelled to a smooth polished surface to the thickness recommended by the manufacturer

Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc

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"Pelican, Capco Systems" or other equal and approved, JUMBO skimmed ceiling system with 9mm thick JUMBO plasterboard fixed at right angles using 25mm Jumbo drywall screws at 150mm centres to JUMBO grid system comprising JUMBO screw up ceiling grid including galvanised main tees at 1200mm centres and cross tees at 400mm centres, all suspended with 25 x 25mm galvanised angles not exceeding 1200mm centres. Main tees suspended at 1200mm centres by means of 25 x 25 x 0,6mm galvanised steel angle. All joints to be covered with JUMBO fiba tape and the entire surface plastered with 3mm to 6mm thick JUMBO skimming plaster

| | | | |
|---|--|---|---|
| 7 | Horizontal bulkheads against wall 600mm wide x 1000mm high, suspended not exceeding 1m below ceilings | m | 2 |
| 8 | Horizontal bulkheads against wall overall size 2100mm wide x 1156mm high, suspended exceeding 1m and not exceeding 2m below ceilings soffits | m | 3 |

CORNICES, TRIMS, ETC

"Pelican, Capco Systems" or other equal and approved, 25mm prepainted Econo Shadowline wall angle to suspended ceilings

| | | | |
|---|---|---|-----|
| 9 | 25mm W-trim shadowline cornice plugged and screwed at centres not exceeding 200mm | m | 820 |
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| | <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 8</u></p> <p><u>FLOOR COVERINGS, WALL LININGS, ETC</u></p> <p><u>CPAP WORK GROUP NO. 130 UNLESS OTHERWISE STATED</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Fixing</u></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><u>FLOOR COVERINGS</u></p> <p><u>"Kirk Marketing, Cobo Africa" or other equal and approved Walk Off Mats</u></p> | | | |
| 1 | 3000 x 1500 x 10mm Thick aluminium medium duty rubber walk off mat (Code: MMMDRM10.BL) | No | 2 | |
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| | Section No. 2 Bill No. 8 FLOOR COVERINGS, WALL LININGS, ETC. | | | |

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SECTION NO. 2

BILL NO. 9

IRONMONGERY

CPAP WORK GROUP NO. 132 UNLESS OTHERWISE STATED

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

SUPPLEMENTARY PREAMBLES

Proprietary items

Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items.

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.

On request returnable samples are to be provided to the principal agent for consideration.

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list:

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BS Satin bronze lacquered
 CH Chromium plated
 SC Satin chromium plated
 SE Silver enamelled
 GE Grey enamelled
 AN Anodised natural
 AS Anodised silver
 AB Anodised bronze
 AG Anodised gold
 ABL Anodised black
 PB Polished brass
 PL Polished and lacquered
 PT Epoxy coated
 SD Sanded

Note: Tenderer's are to refer to Architect's Ironmongery Schedule Reference 11574 Version 2.

HINGES, BOLTS, ETC.

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|---|---|----|----|
| 1 | UNION flush bolt (Code: AL8208-180AS/MD) with Anodised Silver Finish | No | 32 |
| 2 | UNION 300mm flush bolt extension kit (Code: AL-EXT-300AS) with Anodised Silver Finish | No | 16 |

CATCHES, CABIN HOOKS, ETC.

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|---|--|----|----|
| 3 | Stainless Steel Hat & Coat Hook with Buffer (Code: SS8025SS) | No | 10 |
|---|--|----|----|

LOCKS

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|---|---|----|----|
| 4 | Double Privacy Cylinder Euro Profile (Code: 2X815/TNP) | No | 3 |
| 5 | Knob Cylinder Euro Profile 66mm Master Keyed Satin Chrome (Code: M2X19AISCMD) | No | 32 |

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| 6 | Interactive Half Cylinder Euro Profile Master Keyed Satin Chrome (Code: M2X20AISCMKD) | No | 5 | |
| 7 | Interactive Double Cylinder Euro Profile Master Keyed Satin Chrome (Code: M2X18AISCMKD) | No | 20 | |
| 8 | Stainless Steel UNION W/C 8mm Deadlock SABS Brass Bolt (Code: 21314-76/8SS) | No | 10 | |
| 9 | Stainless Steel Cylinder Upright Lock SABS (Code: L-2115-78SS/SL) | No | 36 | |
| 10 | Stainless Steel Euro Cylinder Deadlock SABS (Code: L-2115-78SS) | No | 8 | |
| 11 | Stainless Steel Mortice Latch (Code: 2657-78SS) | No | 1 | |
| 12 | Stainless Steel Swing Bolt Dead Lock- 35mm Backset (Code: QD35X85MMSW-SS) | No | 10 | |
| 13 | Stainless Steel Roller Latch and Swing Dead Bolt Mortice Lock - 35mm Backset (Code: QR35X85MMSW-SS) | No | 6 | |
| <u>HANDLES</u> | | | | |
| <u>"Assa Abloy, Geze, Cisa" or other equal and approved</u> | | | | |
| 14 | Stainless Steel Dove Pull handle on 152 x 152mm stainless steel backplate profile 19mm commercial Gr304 (Code: SS5D66-06SS) | No | 7 | |
| 15 | Stainless Steel Dove Pull handle on 152 x 152mm stainless steel backplate LH profile Gr304 (Code: SS5D66L-05SS) | No | 3 | |
| 16 | Stainless Steel Dove Pull handle on 152 x 152mm stainless steel backplate RH profile Gr304 (Code: SS5D66R-05SS) | No | 3 | |
| 17 | Stainless Steel Dove lever handle on 152 x 152mm stainless steel backplate Gr304 Europrofile (Code: SS6166-05SS) | No | 36 | |
| 18 | Stainless Steel Dove lever handle on 152 x 152mm stainless steel backplate Gr304 blank (Code: SS6166-06SS) | No | 1 | |
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| 19 | Stainless Steel Tubular Dove Pull Handle (Code: PHD-CF-300-22SS) | No | 4 |
| 20 | Stainless Steel Tubular Dove Pull Handle 22mm on 152 x 304mm backplate - blank Gr304 (Code: SS5D02SS) | No | 10 |
| 21 | Stainless Steel BTB 350mm Pull Handle (Code: 5215BBSS) | No | 32 |
| 22 | Escutcheon on Rose profile (Pairs) 10mm (Code: PZ-05SS) | Pairs | 16.0 |

PUSH PLATES AND KICK PLATES

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|----|---|----|----|
| 23 | 152 x 152mm Stainless Steel push plate RH - Euro Cylinder Gr304 (Code:SS5066R-05SS) | No | 2 |
| 24 | 152 x 152mm Stainless Steel push plate LH - Euro Cylinder Gr304 (Code:SS5066L-05SS) | No | 3 |
| 25 | 152 x 76mm Stainless Steel push plate Gr304 (Code:SS5063-06SS) | No | 10 |
| 26 | 700 x 800mm Stainless Steel kick plate 1.2mm Gr304 (Code:SS5089-700W) | No | 4 |
| 27 | 200 x 800mm Stainless Steel kick plate 1.2mm Gr304 (Code:SS5089-200W) | No | 87 |

DOOR CLOSERS

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|----|--|----|----|
| 28 | Cam Motion Closer EN 1-4 SIL (Code: DC500) | No | 8 |
| 29 | R&P DC Closer EN 1 - 4 (Code: DC300SC) | No | 3 |
| 30 | Cam Motion Closer EN3-6 SIL DA (Code: DC700DA) | No | 2 |
| 31 | Straight mounting plate for door closers (Code: DCA120-40) | No | 13 |
| 32 | Opening damper for door closers (Code: DCA153-000500) | No | 5 |

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| | | | |
|----|---|----|---|
| 33 | Mechanical Double Door Coordinator (Code:FD461-DC500) | No | 6 |
|----|---|----|---|

| | | | |
|----|--|----|---|
| 34 | Electro-Mechanical Hold Open Single Door Closer (Code:FD460-DC500) | No | 1 |
|----|--|----|---|

LETTERS, NAMEPLATES, ETC

"Assa Abloy, Geze, Cisa" or other equal and approved

| | | | |
|----|---|----|---|
| 35 | Paraplegic signage plate on grade 201 Stainless Steel (Code: SP5066-06SSE14), size 152 x 152 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws | No | 2 |
|----|---|----|---|

| | | | |
|----|--|----|---|
| 36 | Male/Female signage plate on grade 201 Stainless Steel (Code: SP5066-06SSE12), size 152 x 152 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws | No | 2 |
|----|--|----|---|

| | | | |
|----|---|----|---|
| 37 | Tea / Kitchen signage plate on grade 201 Stainless Steel (Code: Ss5066-06ssse02), size 152 x 152 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws | No | 1 |
|----|---|----|---|

| | | | |
|----|---|----|---|
| 38 | Male signage plate on grade 201 Stainless Steel (Code: SP5066-06SSE10), size 152 x 152 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws | No | 3 |
|----|---|----|---|

| | | | |
|----|---|----|---|
| 39 | Female signage plate on grade 201 Stainless Steel (Code: SP5066-06SSE11), size 152 x 152 x 1,2mm with counter-sunk fixing holes plugged and screwed with aluminium screws | No | 3 |
|----|---|----|---|

PHOTOLUMINESCENT SIGNS

380 x 190mm High wall mounted signage, housed in clear anodised aluminium frames

| | | | |
|----|-------------------------------|----|---|
| 40 | E1 (Running man, arrow right) | No | 2 |
|----|-------------------------------|----|---|

| | | | |
|----|------------------------------|----|---|
| 41 | E2 (Running man, arrow left) | No | 3 |
|----|------------------------------|----|---|

| | | | |
|----|------------------------------|----|---|
| 42 | E3 (Running man, arrow down) | No | 5 |
|----|------------------------------|----|---|

| | | | |
|----|-----------|----|---|
| 43 | E6 (Exit) | No | 6 |
|----|-----------|----|---|

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| | | | |
|---|--|----|----|
| 44 | F22 (Fire extinguisher and fire hose reel) | No | 2 |
| 45 | F23 (Fire extinguisher, fire hose reel and fire hydrant) | No | 1 |
| 46 | F28 (Fire Extinguisher) | No | 5 |
| <u>290 x 290mm High double sided photoluminescent signage, housed in clear anodised aluminium frames and mounted on 1500mm long steel pole</u> | | | |
| 47 | F30 (Fire Hydrant) | No | 1 |
| 48 | F49 (Fire pump connection) | No | 1 |
| 49 | GA26 (Emergency assembly point) | No | 2 |
| <u>SUNDRIES</u> | | | |
| <u>"Assa Abloy, Geze, Cisa" or other equal and approved</u> | | | |
| 50 | Half Moon Door Stop ZINC with Commercial Buffer (Code: CZ8731SC) | No | 76 |
| 51 | Dust Proof Strike (Code: 8852SC) | No | 16 |
| <u>BATHROOM FITTINGS</u> | | | |
| <u>"Franke, Kwikot" or other equal and approved</u> | | | |
| 52 | 1,2mm Grade 304 18/10 stainless steel recessed type toilet roll holder (Code: 2120037), size 155mm diameter x 260mm deep, unit recessed into wall and bolted with 2 No. M10 treaded bolts | No | 4 |
| 53 | CNTXPAR Grade 304 18/10 stainless steel 32mm diameter paraplegic grab rail with Franke fine grip (Code: 2510012), size 578 x 578 x 95mm deep, plugged and screwed to the wall with stainless steel screws (includes screws and dowels) | No | 2 |
| 54 | Grade 304 18/10 stainless steel grab rail with Franke fine grip (Code: 2510006), size 750 x 95mm, plugged and screwed to the wall with stainless steel screws (includes screws and dowels) | No | 2 |

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"Rodan" or other equal and approved

| | | | |
|----|---|----|----|
| 55 | "Rodan" RODX672 0,8mm thick satin finished stainless steel double toilet roll holder with spindle system (Code: 2120101), size 144 x 138 x 301mm high for 2 rolls maximum 120mm diameter with cylinder lock with standard Franke key, plugged and screwed to the wall with stainless steel screws | No | 20 |
| 56 | "Rodan" RODX619 0,8mm thick satin finished stainless steel soap dispenser (Code: 2120095), size 200 x 85 x 140mm high with 1 litre capacity, front push button, cylinder lock and Franke standard key, plugged and screwed to the wall with stainless steel screws | No | 17 |
| 57 | HF2400HD 1,2mm thick satin finished stainless steel automatic hands free hand dryer (Code: 2500001), size 280 x 207 x 245mm high with 2 vandal proof lock screws and key wrench, plugged and screwed to the wall with stainless steel screws, 200W motor connected to 230/240 volt power supply including a 5 year warranty | No | 16 |
| 58 | "Rodan" RODX605 0,8mm thick satin finished stainless steel waste bin (Code: 2120097), size 355 x 168 x 460mm high with capacity of 23 litres and cylinder lock and standard Franke key, plugged and screwed to the wall with stainless steel screws | No | 16 |
| 59 | "Rodan" RODX600 0,8mm thick satin finished stainless steel paper towel dispenser (Code: 2120099), size 275x275 x 112 x 355mm high with a capacity of 500-800 towels, inspection windows on the side and Franke standard key, plugged and screwed to the wall with stainless steel screws | No | 16 |
| 60 | BHM6P polished stainless steel double arm double arm soap rack (Code: 2120089), size 163 x 100mm deep, plugged and screwed to the wall with stainless steel screws | No | 7 |
| 61 | BHM9P polished stainless steel single single towel rail (Code: 2120081), size 600 x 55mm deep, plugged and screwed to the wall with stainless steel screws | No | 7 |

TOPS, SHELVES, DOORS, MIRRORS, ETC

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Heavy Duty Stainless Steel vandal proof mirror from Grade 304 (18/10) with vandal and tamper proof frame with smooth, ground edges to include eight pre-drilled mounting holes

62 Mirror 285 x 440mm high

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**SOUTH AFRICAN POLICE SERVICES
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| Item No | Quantity | Rate | Amount |
|---|----------|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 10</u></p> <p><u>STRUCTURAL STEELWORK</u></p> <p><u>CPAP WORK GROUP NO. 134 UNLESS OTHERWISE STATED</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>General</u></p> <p>Tenderers are advised to refer to the notes, specifications, drawings, etc., before pricing this section, which includes the full extent of the works together with the specific requirements/details.</p> <p>In this regard, tenderers are advised to carefully study the specification and drawings referred to above and allow for accordingly in the tender price.</p> <p>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.</p> <p>All structural steelwork shall comply with SANS Standardised Specification 1200 H : STRUCTURAL STEELWORK and the corrosion protection shall be undertaken in accordance with SANS 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.</p> <p>Rates for structural steelwork is to include for:</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 10 STRUCTURAL STEELWORK</p> | | | R |

174 RT R.M. *[Handwritten signature]*

**SOUTH AFRICAN POLICE SERVICES
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1. Shop detailing, shop coating, supply, delivery, erection and abnormal load delivery.

2. Site bolting and welding, architectural site welding, site fabrication, site cutting to lengths, site fitting, site preparing for revetting, drilling for holes during fabrication and on site, lowering and hoisting to levels and bolting in position, etc.

Descriptions

Descriptions of bolts shall be deemed to include nuts and washers.

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.

Note: Tenderer's are to refer to Engineer's Drawing No. 08028-S-DT-001-014.

STEEL COLUMNS AND BEAMS

Welded columns in single lengths with flat base cap, bearer and connection plates, bolted to concrete

| | | | |
|---|---|---|------|
| 1 | 152 x 152mm 30kg/m H-section columns | t | 0.85 |
| 2 | 200 x 100 x 5mm 22.874kg/m Rectangular hollow section columns | t | 0.70 |

BOLTS, FASTENERS, ETC.

| | | | |
|---|---|----|----|
| 3 | M16 Grade 4,8 Chemical anchor bolt 200mm long, embedded into concrete | No | 80 |
|---|---|----|----|

SUNDRIES

Grout, etc.

| | | | |
|---|-----------------------------|----|------|
| 4 | 20mm Thick non-shrink grout | m2 | 2.28 |
|---|-----------------------------|----|------|

PAINTWORK ETC. TO NEW WORK

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STRUCTURAL STEELWORK

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ON METAL SURFACES

"Sigma, Dulux, Plascon Paints" or other equal and approved

One coat Sigma Zinc 160 @ 60 - 80 µm, one coat Sigma Cover 410 @ 125 - 150 µm, and two coats Sigma Sigmadur 550 @ 50 - 60 µm

5 Structural steel members (Provisional)

m2

87

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| Item No | Quantity | Rate | Amount |
|--|----------|------|--------|
| <p><u>SECTION NO. 2</u></p> <p><u>BILL NO. 11</u></p> <p><u>METALWORK</u></p> <p><u>CPAP WORK GROUP NO. 136 UNLESS OTHERWISE STATED</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document General Preambles for Trades (2017 Edition).</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Descriptions of bolts, anchors, etc.</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers.</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete.</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described.</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres.</p> <p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria.</p> <p>Glazing shall comply with SAGGA regulations. Glass shall be 6mm thick toughened safety 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.</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed.</p> <p style="text-align: right;">Carried to Collection</p> <p>Section No. 2 Bill No. 11 METALWORK</p> | | | R |

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**SOUTH AFRICAN POLICE SERVICES
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For purpose made windows and doors, refer to drawings 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 from 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.
5. A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for a period of not less than five years.

Rates shall include for the following:

1. All opening and fixed lights, coupling mullions and transoms, support steelwork, fittings, ironmongery, 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 can be manufactured. Shop drawings to be submitted for approval.

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METALWORK

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4. Silicone pointing with a silicone sealant recommended by AAAMSA on all door / window and structure junctions.

STEEL BALUSTRADING AND HAND RAILS

Stainless Steel Balustrading

- 1 50mm Diameter continuous handrail welded to flat section posts. 75 x 8mm Thick flat section post 1185mm high overall including 150 x 150 x 8mm thick base plate with four holes including bolts fixed to concrete. 75 x 8mm Thick flat bars to form frame and intermediates fixed with 10mm diameter rods to post, overall size 1190mm x 1000mm high.

m 85

HOT DIPPED GALVANISED STEEL GATES AND SCREENS

Tenderers are to refer to Architect's Steel Schedule attached to these Bill of Quantities.

- 2 Single gate size 1018 x 2029mm high comprising of 50 x 50 x 4mm hollow section tubing and four horizontal rails with 16mm diameter mild steel rods at 90mm centres welded to steel frame of 54 x 65mm rectangular section fixed to walls with bolts and lugs including security gate lock to be provided in a cell type lock box welded onto gate frame - Type G04 and G06 on Steel Schedule, (Refer to 5 Star Specifications- Type Pol 2012/D1)

No 9

- 3 Single gate size 1210 x 2017mm high comprising of 50 x 50 x 4mm hollow section tubing and four horizontal rails with 16mm diameter mild steel rods at 90mm centres welded to steel frame of 54 x 65mm rectangular section fixed to walls with bolts and lugs including security gate lock to be provided in a cell type lock box welded onto gate frame - Type G05 and G07 on Steel Schedule (Refer to 5 Star Specifications- Type Pol 2012/D1)

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Ry Rim