

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
	Rates for all listed items are for supply and delivery as described in the Pricing Instructions, unless stated otherwise.			
H.1.B. 1	<u>SCHEDULE No. 1</u>			
H.1.B. 2	<u>ALTERATIONS</u>			
H.1.B. 3	<u>Site inspection</u>			
H.1.B. 4	Contractors are required to inspect the site and acquaint themselves with all aspects of the works to be executed under this contract prior to the submission of their tender. No claim whatsoever will be entertained in the event of any unforeseen difficulties arising during the execution of the contract that could have been foreseen by a thorough investigation of the site, drawings and specifications.			
H.1.B. 5	<u>General</u>			
H.1.B. 6	The contractor shall carry out the whole of the The Works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants/occupants. He/She shall provide proper protection and provide, erect and maintain in position proper temporary tarpaulins that may be necessary to protect existing fixtures, fittings and furniture during the progress of the works and remove on completion or when directed, all to the satisfaction of the Project Manager/Principal Agent			
H.1.B. 7	Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the Project Manager/Principal Agent			
H.1.B. 8	Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before re-fixing, including taking off, easing and re-hanging, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-vanishing is given separately			
H.1.B. 9	Prices for taking out doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc			
H.1.B. 10	Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc. and making good floor and wall finishes to match existing			
H.1.B. 11	With regards to building up of openings in existing walls, cement screeds and paving, granolithic, tops of walls, etc. shall be levelled and prepared for raising of brickwork			
H.1.B. 12	Making good finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary			

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H.1.B. 13	The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (Doors, windows, fittings, etc)			
H.1.B. 14	<u>TEMPORARY BARRIERS, SCREENS ETC</u>			
H.1.B. 15	<u>Temporary barriers, screens, etc including removal</u>			
H.1.B. 16	Half brick barrier wall 3000mm high including cement plaster and two coats interior quality PVA emulsion paint on one side.	m	Rate only	R750,00
H.1.B. 17	Dust screen 3000mm high between concrete floor and ceiling formed of suitable timber framing with 250 micron polyethylene sheeting stapled on including corners, ends, etc.	m	Rate only	R250,00
H.1.B. 18	Dust screen 3600mm high between concrete floor and ceiling formed of suitable timber framing with 250 micron polyethylene sheeting stapled on including corners, ends, etc.	m	Rate only	R450,00
H.1.B. 19	Drywall barrier 3000mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc.	m	Rate only	R350,00
H.1.B. 20	Drywall barrier 3600mm high formed of galvanised steel channel section rails and studs covered on one side with 12,7mm gypsum board panels and finished with two coats interior quality PVA emulsion paint on one side including corners, ends, etc.	m	Rate only	R400,00
H.1.B. 21	<u>REMOVAL OF EXISTING WORK</u>			
H.1.B. 22	<u>Break up and removing mass concrete</u>			
H.1.B. 23	Steps	m ³	Rate only	R400,00
H.1.B. 24	75mm thick surface bed	m ²	Rate only	R75,00
H.1.B. 25	85mm thick surface bed	m ²	Rate only	R90,00
H.1.B. 26	100mm thick surface bed	m ²	Rate only	R120,00
H.1.B. 27	150mm thick surface bed	m ²	Rate only	R130,00
H.1.B. 28	250mm thick surface bed	m ²	Rate only	R165,00
H.1.B. 29	<u>Break up and removing reinforced concrete including cutting off and removing reinforcement</u>			
H.1.B. 30	Steps and landings	m ³	Rate only	R400,00
H.1.B. 31	Beams	m ³	Rate only	R400,00
H.1.B. 32	Columns	m ³	Rate only	R400,00
H.1.B. 33	250mm thick slabs	m ²	Rate only	R165,00
H.1.B. 34	Opening through 250mm thick slab not exceeding 2,5m ²	no	Rate only	R200,00
H.1.B. 35	<u>Breaking down and removing brickwork etc.</u>			

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 36	Mass brickwork	m ³	Rate only	R175,00
H.1.B. 37	Half brick wall	m ²	Rate only	R95,00
H.1.B. 38	One brick wall	m ²	Rate only	R110,00
H.1.B. 39	One and a half brick wall	m ²	Rate only	R180,00
H.1.B. 40	280mm Hollow walls of two half brick skins	m ²	Rate only	R175,00
H.1.B. 41	<u>Taking out and removing doors, windows, etc. from brickwork to be demolished</u>			
H.1.B. 42	Timber single door and frame not exceeding 2,5m ²	no	Rate only	R50,00
H.1.B. 43	Timber double door and frame exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R50,00
H.1.B. 44	Timber single door and steel frame not exceeding 2,5m ²	no	Rate only	R50,00
H.1.B. 45	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R50,00
H.1.B. 46	Timber single door not exceeding 2,5m ²	no	Rate only	R25,00
H.1.B. 47	Timber double door exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R50,00
H.1.B. 48	Steel single door and steel frame not exceeding 2,5m ²	no	Rate only	R25,00
H.1.B. 49	Steel double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R50,00
H.1.B. 50	Glazed timber window not exceeding 2,5m ²	no	Rate only	R45,00
H.1.B. 51	Glazed timber window exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R55,00
H.1.B. 52	Glazed steel window not exceeding 2,5m ²	no	Rate only	R45,00
H.1.B. 53	Glazed steel window exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R55,00
H.1.B. 54	Glazed aluminium window not exceeding 2,5m ²	no	Rate only	R60,00
H.1.B. 55	Glazed aluminium window exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R65,00
H.1.B. 56	<u>Taking out doors, windows, etc. including thresholds, sills, etc. and setting aside for re-use (refixing and building up openings elsewhere)</u>			
H.1.B. 57	Timber single door and frame not exceeding 2,5m ² from half or one brick wall	no	Rate only	R65,00
H.1.B. 58	Timber single door and frame exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R65,00
H.1.B. 59	Timber single door and steel frame not exceeding 2,5m ² from half brick wall	no	Rate only	R65,00
H.1.B. 60	Timber single door and steel frame not exceeding 2,5m ² from one brick wall	no	Rate only	R65,00
H.1.B. 61	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R85,00
H.1.B. 62	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R85,00
H.1.B. 63	Steel single door and steel frame not exceeding 2,5m ² from half or one brick wall	no	Rate only	R65,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 64	Steel double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R85,00
H.1.B. 65	Steel double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R85,00
H.1.B. 66	Aluminium single door and frame not exceeding 2,5m ² from half or one brick wall	no	Rate only	R65,00
H.1.B. 67	Aluminium single door and frame exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R65,00
H.1.B. 68	Aluminium double door and frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R90,00
H.1.B. 69	Aluminium double door and frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R90,00
H.1.B. 70	Glazed timber window not exceeding 2,5m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 71	Glazed timber window exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 72	Glazed steel window not exceeding 2,5m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 73	Glazed steel window exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 74	Glazed aluminium window not exceeding 2,5m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 75	Glazed aluminium window exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R45,00
H.1.B. 76	Steel roller shutter door not exceeding 2,5m ² from half or one brick wall	no	Rate only	R65,00
H.1.B. 77	Steel roller shutter door exceeding 2,5m ² and not exceeding 5,0m ² from half or one brick wall	no	Rate only	R95,00
H.1.B. 78	Steel roller shutter door exceeding 5,0m ² from half or one brick wall	no	Rate only	R150,00
H.1.B. 79	<u>Taking out and removing doors, windows, etc. including thresholds, sills, etc. and building up openings in brick walls including making good cement plaster on both sides (making good paintwork elsewhere).</u>			
H.1.B. 80	Timber single door and frame not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 81	Timber single door and frame not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 82	Timber single door and frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R350,00
H.1.B. 83	Timber single door and frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R550,00
H.1.B. 84	Timber single door and steel frame not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 85	Timber single door and steel frame not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 86	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R400,00

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H.1.B. 87	Timber double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 88	Steel single door and steel frame not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 89	Steel single door and steel frame not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 90	Steel double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R400,00
H.1.B. 91	Steel double door and steel frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 92	Aluminium single door and frame not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 93	Aluminium single door and frame not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 94	Aluminium double door and frame exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R400,00
H.1.B. 95	Aluminium double door and frame exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 96	Glazed timber window not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 97	Glazed timber window not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 98	Glazed timber window exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R200,00
H.1.B. 99	Glazed timber window exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R400,00
H.1.B. 100	Glazed steel window not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 101	Glazed steel window not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 102	Glazed steel window exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R400,00
H.1.B. 103	Glazed steel window exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 104	Glazed aluminium window not exceeding 2,5m ² from half brick wall	no	Rate only	R200,00
H.1.B. 105	Glazed aluminium window not exceeding 2,5m ² from one brick wall	no	Rate only	R400,00
H.1.B. 106	Glazed aluminium window exceeding 2,5m ² and not exceeding 5,0m ² from half brick wall	no	Rate only	R400,00
H.1.B. 107	Glazed aluminium window exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 108	Timber shopfront exceeding 2,5m ² and not exceeding 5,0m ² from one brick wall	no	Rate only	R800,00
H.1.B. 109	Timber shopfront exceeding 5,0m ² from one brick wall	no	Rate only	R1 200,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 110	<u>Break out existing door frames and replace with the following new frames, including building up brickwork or facings, or repairing of plaster and matching paint on frames and plastered walls.</u>			
H.1.B. 111	Single door frame size 762 x 1981mm high	no	Rate only	R250,00
H.1.B. 112	Single door frame size 762 x 2032mm high	no	Rate only	R255,00
H.1.B. 113	Single door frame size 813 x 2032mm high	no	Rate only	R300,00
H.1.B. 114	Single door frame size 762 x 1981mm with 305mm high fanlight	no	Rate only	R325,00
H.1.B. 115	Single door frame size 762 x 2032mm with 305mm high fanlight	no	Rate only	R350,00
H.1.B. 116	Single door frame size 813 x 1981mm with 305mm high fanlight	no	Rate only	R375,00
H.1.B. 117	Double door frame size 1511 x 2032mm high	no	Rate only	R450,00
H.1.B. 118	Double door frame size 1613 x 2032mm high			R485,00
H.1.B. 119	Double door frame size 1511 x 1981mm with 305mm high fanlight	no	Rate only	R475,00
H.1.B. 120	Double door frame size 1613 x 1981mm with 305mm high fanlight	no	Rate only	R485,00
H.1.B. 121	<u>PRESSED STEEL COMBINATION DOOR & FRAME</u>			
H.1.B. 122	<u>Break out existing door with frame and replace with the following new, including building up brickwork or facings, or repairing of plaster and matching paint on frames, doors and plastered walls.</u>			
H.1.B. 123	Single door & frame size 762 x 2032mm high	no	Rate only	R500,00
H.1.B. 124	Single door & frame size 813 x 2032mm high	no	Rate only	R600,00
H.1.B. 125	Double door & frame overall size 1511 x 2032mm high	no	Rate only	R1 250,00
H.1.B. 126	Double door & frame overall size 1613 x 2032mm high	no	Rate only	R1 300,00
H.1.B. 127	<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc.</u>			
H.1.B. 128	Corrugate sheet iron roof covering, valley linings, ridge flashings and timber purlins	m ²	Rate only	R30,00
H.1.B. 129	Concrete, Harveytile sheet iron tile, slate, thatch, etc. roof covering, valley linings, ridge, hip cappings, flashings and timber branderling, purlins, etc.	m ²	Rate only	R45,00
H.1.B. 130	Timber rafters, beams, etc	m	Rate only	R10,00
H.1.B. 131	Tongued and grooved timber suspended floor including skirting, joists, bearers, etc	m ²	Rate only	R45,00
H.1.B. 132	Gypsum plasterboard ceilings including cornices, timber branderling, etc	m ²	Rate only	R25,00
H.1.B. 133	Flush plastered gypsum plasterboard suspended ceilings, including cornices, suspension grid, hangers, etc.	m ²	Rate only	R30,00
H.1.B. 134	Flush plastered gypsum plasterboard bulkheads, including cornices, suspension grid, hangers, etc.	m ²	Rate only	R30,00
H.1.B. 135	Wood panel bulkheads, including cornices, suspension grid, hangers, etc.	m ²	Rate only	R30,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 136	Acoustic tiles suspended ceiling including suspension grid, hangers, etc	m ²	Rate only	R30,00
H.1.B. 137	Acoustic tiles suspended ceiling only	m ²	Rate only	R30,00
H.1.B. 138	Drywall partitioning 3000mm high including doors, ironmongery, glazed borrowed lights, etc	m	Rate only	R35,00
H.1.B. 139	Carefully cut out rusted or damaged roof sheeting	m ²	Rate only	R35,00
H.1.B. 140	<u>Taking out and removing sundry joinery work</u>			
H.1.B. 141	Timber cornices from brickwork	m	Rate only	R5,00
H.1.B. 142	Timber skirting from brickwork	m	Rate only	R5,00
H.1.B. 143	<u>Taking out and removing joinery fittings etc</u>			
H.1.B. 144	Timber wall cupboard 600 x 300 x 900mm high	no	Rate only	R110,00
H.1.B. 145	Timber wall cupboard 900 x 300 x 900mm high	no	Rate only	R120,00
H.1.B. 146	Timber wall cupboard 1200 x 300 x 900mm high	no	Rate only	R125,00
H.1.B. 147	Timber floor cupboard 600 x 600 x 900mm high	no	Rate only	R125,00
H.1.B. 148	Timber floor cupboard 900 x 600 x 900mm high	no	Rate only	R150,00
H.1.B. 149	Timber floor cupboard 1200 x 600 x 900mm high	no	Rate only	R155,00
H.1.B. 150	Timber sink cupboard 900 x 600 x 900mm high including disconnecting waste pipe and taps	no	Rate only	R150,00
H.1.B. 151	Timber sink cupboard 1200 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	Rate only	R155,00
H.1.B. 152	Timber sink cupboard 1800 x 600 x 900mm high including disconnecting waste pipe (new trap and connecting to new waste pipe elsewhere)	no	Rate only	R165,00
H.1.B. 153	Timber counter 1200 x 600 x 900mm high	no	Rate only	R155,00
H.1.B. 154	Timber counter 1600 x 600 x 900mm high	no	Rate only	R160,00
H.1.B. 155	Timber counter 1800 x 600 x 900mm high	no	Rate only	R165,00
H.1.B. 156	Timber counter 2400 x 600 x 900mm high	no	Rate only	R180,00
H.1.B. 157	<u>Take up and remove wooden wall paneling, vinyl wall covering, wall carpeting, waterproofing, etc.</u>			
H.1.B. 158	Vinyl wall covering including preparing walls for new finishes.	m ²	Rate only	R30,00

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H.1.B. 159	<u>Take up and remove wood block floor covering, vinyl floor covering, carpeting, waterproofing, etc.</u>			
H.1.B. 160	Wood block floor covering.	m ²	Rate only	R35,00
H.1.B. 161	Suspended tongue and groove boarding	m ²	Rate only	R40,00
H.1.B. 162	Vinyl tile floor covering .	m ²	Rate only	R30,00
H.1.B. 163	Vinyl sheet floor covering with welded joints.	m ²	Rate only	R30,00
H.1.B. 164	<u>Take up and remove, vinyl , etc.</u>			
H.1.B. 165	Carpet tile floor covering.	m ²	Rate only	R30,00
H.1.B. 166	Carpet sheet floor covering.	m ²	Rate only	R30,00
H.1.B. 167	<u>Taking out/off and removing sundry metalwork</u>			
H.1.B. 168	Steel pipe handrail from walls including making good plaster finish	m	Rate only	R5,00
H.1.B. 169	Steel balustrade 900mm high from concrete stairs including making good granolithic finish to kerb	m	Rate only	R35,00
H.1.B. 170	Steel wire mesh burglar proofing not exceeding 1,0m ² bolted to brickwork and making good face brickwork	no	Rate only	R25,00
H.1.B. 171	Steel wire mesh burglar proofing exceeding 1,0m ² and not exceeding 2,0m ² bolted to brickwork and making good face brickwork	no	Rate only	R25,00
H.1.B. 172	Steel wire mesh burglar proofing exceeding 2,0m ² and not exceeding 3,0m ² bolted to brickwork and making good face brickwork	no	Rate only	R50,00
H.1.B. 173	Steel single leaf security gate not exceeding 2,5m ²	no	Rate only	R50,00
H.1.B. 174	Steel double leaf security gate exceeding 2,5m ² and not exceeding 5,0m ²	no	Rate only	R55,00
H.1.B. 175	<u>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</u>			
H.1.B. 176	30mm Granolithic from floors	m ²	Rate only	R35,00
H.1.B. 177	Granolithic skirting 100mm high	m	Rate only	R15,00
H.1.B. 178	30mm Screed from floors	m ²	Rate only	R35,00
H.1.B. 179	Internal plaster from walls and columns	m ²	Rate only	R35,00
H.1.B. 180	Internal plaster from ceilings and beams	m ²	Rate only	R35,00
H.1.B. 181	External plaster from walls, columns and beams	m ²	Rate only	R35,00
H.1.B. 182	<u>Hacking up/off and removing ceramic tile floor and wall finishers including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishers</u>			
H.1.B. 183	Tiles to floors	m ²	Rate only	R35,00

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H.1.B. 184	Tiles to treads and risers of stairs	m ²	Rate only	R35,00
H.1.B. 185	Tiles to walls	m ²	Rate only	R35,00
H.1.B. 186	Tile skirting 100mm high	m	Rate only	R35,00
H.1.B. 187	<u>Sandblasting to finished surfaces</u>			
H.1.B. 188	Wall plaster	m ²	Rate only	R25,00
H.1.B. 189	Floor screeds	m ²	Rate only	R25,00
H.1.B. 190	<u>Taking out and cleaning</u>			
H.1.B. 191	Expansion joints not exceeding 300mm deep and prepare to receive new	m	Rate only	R12,00
H.1.B. 192	<u>Taking out and removing glass and mirrors</u>			
H.1.B. 193	Mirror from wall	m ²	Rate only	R20,00
H.1.B. 194	Stainless steel sheet mirror	m ²	Rate only	R20,00
H.1.B. 195	<u>CUTTING THROUGH FLOORS AND CEILINGS</u>			
H.1.B. 196	Cutting through 100mm thick concrete surface bed for 460mm wide concrete wall footing including making good concrete on both sides of new half brick wall.	m	Rate only	R20,00
H.1.B. 197	Cutting through 100mm thick concrete surface bed for 700mm wide concrete wall footing including making good concrete on both sides of new one brick wall.	m	Rate only	R25,00
H.1.B. 198	Cutting through gypsum ceiling and brandering for half brick wall including making good on both sides of wall (new cornices elsewhere)	m	Rate only	R50,00
H.1.B. 199	Cutting through gypsum ceiling and brandering for one brick wall including making good on both sides of wall (new cornices elsewhere)	m	Rate only	R25,00
H.1.B. 200	Cutting through "Nutech" fibre-cement ceiling and brandering for half brick wall including making good on both sides of wall (new cornices elsewhere)	m	Rate only	R25,00
H.1.B. 201	Cutting through "Nutech" fibre-cement ceiling and brandering for one brick wall including making good on both sides of wall (new cornices elsewhere)	m	Rate only	R25,00
H.1.B. 202	<u>PREPARATORY WORK TO EXISTING SURFACES</u>			
H.1.B. 203	<u>Preparatory work to existing surfaces</u>			
H.1.B. 204	Cutting out joints of existing brickwork to receive plaster.	m ²	Rate only	R25,00
H.1.B. 205	Hacking face of existing concrete columns, beams, etc to receive plaster	m ²	Rate only	R35,00
H.1.B. 206	Hacking face of existing face brickwork to receive plaster	m ²	Rate only	R30,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 207	Making good defects in existing screeded floors with "Pavelite"	m ²	Rate only	R30,00
H.1.B. 208	Chasing existing brick / concrete walls	m	Rate only	R15,00
H.1.B. 209	<u>MAKING GOOD OF FINISHES ETC.</u>			
H.1.B. 210	<u>Making good of finishes etc.</u>			
H.1.B. 211	Making good brickwork at ends of half brick wall	m	Rate only	R15,00
H.1.B. 212	Making good brickwork at ends of one brick wall	m	Rate only	R15,00
H.1.B. 213	Making good brickwork at ends of one and half brick wall	m	Rate only	R15,00
H.1.B. 214	Making good brickwork to face of wall where half brick cross wall removed	m	Rate only	R18,00
H.1.B. 215	Making good brickwork to face of wall where one brick cross wall removed	m	Rate only	R18,00
H.1.B. 216	Making good brickwork to face of wall where one and half brick cross wall removed	m	Rate only	R10,00
H.1.B. 217	Making good face brickwork at ends of half brick wall	m	Rate only	R10,00
H.1.B. 218	Making good face brickwork at ends of one brick wall	m	Rate only	R15,00
H.1.B. 219	Making good face brickwork at ends of one and half brick wall	m	Rate only	R10,00
H.1.B. 220	Making good face brickwork to face of wall where half brick cross wall removed	m	Rate only	R15,00
H.1.B. 221	Making good face brickwork to face of wall where one brick cross wall removed	m	Rate only	R15,00
H.1.B. 222	Making good face brickwork to face of wall where one and half brick cross wall removed	m	Rate only	R15,00
H.1.B. 223	<u>Making good "Rhino" gypsum board ceiling and branderling.</u>			
H.1.B. 224	Ceilings in patches	m ²	Rate only	R25,00
H.1.B. 225	Ceilings where half brick walls removed	m	Rate only	R8,00
H.1.B. 226	Ceilings where one brick walls removed	m	Rate only	R10,00
H.1.B. 227	Ceilings where one and half brick walls removed	m	Rate only	R12,00
H.1.B. 228	<u>Making good untinted granolithic</u>			
H.1.B. 229	Floors in patches	m ²	Rate only	R15,00
H.1.B. 230	Floors where partitions removed	m	Rate only	R8,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 231	Floors where half brick walls removed	m	Rate only	R8,00
H.1.B. 232	Floors where one brick walls removed	m	Rate only	R10,00
H.1.B. 233	Floors where one and half brick walls removed	m	Rate only	R12,00
H.1.B. 234	Floor structural cracks not exceeding 300mm wide and 300mm deep with "Duraquatz" sealant including hacking, saw-cutting, structural anchoring and support.	m	Rate only	R15,00
H.1.B. 235	<u>Making good internal cement plaster.</u>			
H.1.B. 236	Walls in patches	m ²	Rate only	R25,00
H.1.B. 237	Walls where half brick walls removed.	m	Rate only	R8,00
H.1.B. 238	Walls where one brick walls removed.	m	Rate only	R10,00
H.1.B. 239	Walls where one and half brick walls removed.	m	Rate only	R12,00
H.1.B. 240	Concrete ceilings in patches	m ²	Rate only	R15,00
H.1.B. 241	Concrete ceilings where half brick walls removed	m	Rate only	R15,00
H.1.B. 242	Concrete ceilings where one brick walls removed	m	Rate only	R17,00
H.1.B. 243	Concrete ceilings where one and half brick walls removed	m	Rate only	R19,00
H.1.B. 244	Making good of chased walls	m	Rate only	R20,00
H.1.B. 245	<u>Making good internal cement plaster including chicken mesh spiked to walls.</u>			
H.1.B. 246	Walls in patches	m ²	Rate only	R25,00
H.1.B. 247	Concrete ceilings in patches	m ²	Rate only	R25,00
H.1.B. 248	<u>OPENINGS THROUGH EXISTING WALLS, ETC.</u>			
H.1.B. 249	<u>Breaking out for and forming plain openings through brick walls including necessary precast concrete lintels and making good plaster on both sides and into reveals and with concrete thresholds with steel trowelled finish (making good paintwork elsewhere</u>			
H.1.B. 250	Opening 900 x 2100mm high through half brick wall	no	Rate only	R450,00
H.1.B. 251	Opening 1200 x 2100mm high through half brick wall	no	Rate only	R630,00
H.1.B. 252	Opening 1500 x 2100mm high through half brick wall	no	Rate only	R750,00
H.1.B. 253	Opening 900 x 2100mm high through one brick wall	no	Rate only	R500,00
H.1.B. 254	Opening 1200 x 2100mm high through one brick wall	no	Rate only	R700,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 255	Opening 1500 x 2100mm high through one brick wall	no	Rate only	R800,00
H.1.B. 256	Opening 900 x 2100mm high through one and half brick wall	no	Rate only	R550,00
H.1.B. 257	Opening 1200 x 2100mm high through one and half brick wall	no	Rate only	R750,00
H.1.B. 258	Opening 1500 x 2100mm high through one and half brick wall	no	Rate only	R850,00
H.1.B. 259	<u>Breaking out for and forming plain openings through brick walls for new doors and frames including necessary precast concrete lintels and making good plaster on both side and into reveals and with concrete threshold with steel trowelled finish (new door and frame and making good paintwork elsewhere)</u>			
H.1.B. 260	Opening for door with steel frame 880 x 2065mm high overall through half brick wall	no	Rate only	R250,00
H.1.B. 261	Opening for door with steel frame 964 x 2065mm high overall through half brick wall	no	Rate only	R450,00
H.1.B. 262	Opening for door with steel frame 1575 x 2065mm high overall through half brick wall	no	Rate only	R250,00
H.1.B. 263	Opening for door with steel frame 880 x 2065mm high overall through one brick wall	no	Rate only	R450,00
H.1.B. 264	Opening for door with steel frame 964 x 2065mm high overall through one brick wall	no	Rate only	R500,00
H.1.B. 265	Opening for door with steel frame 1575 x 2065mm high overall through one brick wall	no	Rate only	R700,00
H.1.B. 266	Opening for door with steel frame 880 x 2065mm high overall through one and half brick wall	no	Rate only	R550,00
H.1.B. 267	Opening for door with steel frame 964 x 2065mm high overall through one and half brick wall	no	Rate only	R650,00
H.1.B. 268	Opening for door with steel frame 1575 x 2065mm high overall through one and half brick wall	no	Rate only	R700,00
H.1.B. 269	Opening for door with timber frame 880 x 2065mm high overall through half brick wall	no	Rate only	R250,00
H.1.B. 270	Opening for door with timber frame 964 x 2065mm high overall through half brick wall	no	Rate only	R450,00
H.1.B. 271	Opening for door with timber frame 1575 x 2065mm high overall through half brick wall	no	Rate only	R600,00
H.1.B. 272	Opening for door with timber frame 880 x 2065mm high overall through one brick wall	no	Rate only	R300,00
H.1.B. 273	Opening for door with timber frame 964 x 2065mm high overall through one brick wall	no	Rate only	R550,00
H.1.B. 274	Opening for door with timber frame 1575 x 2065mm high overall through one brick wall	no	Rate only	R650,00
H.1.B. 275	Opening for door with timber frame 880 x 2065mm high overall through one and half brick wall	no	Rate only	R250,00
H.1.B. 276	Opening for door with timber frame 964 x 2065mm high overall through one and half brick wall	no	Rate only	R450,00
H.1.B. 277	Opening for door with timber frame 1575 x 2065mm high overall through one and half brick wall	no	Rate only	R550,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 278	<u>Breaking out for and forming openings through brick walls for new windows including necessary precast concrete lintels and making good plaster on both sides and into reveals (new windows, sills and making good paintwork elsewhere)</u>			
H.1.B. 279	Opening for window not exceeding 2,5m ² through half brick wall	no	Rate only	R250,00
H.1.B. 280	Opening for window exceeding 2,5m ² and not exceeding 5.0m ² through half brick wall	no	Rate only	R450,00
H.1.B. 281	Opening for window not exceeding 2,5m ² through one brick wall	no	Rate only	R350,00
H.1.B. 282	Opening for window exceeding 2,5m ² and not exceeding 5.0m ² through one brick wall	no	Rate only	R650,00
H.1.B. 283	Opening for window not exceeding 2,5m ² through one and half brick wall	no	Rate only	R350,00
H.1.B. 284	Opening for window exceeding 2,5m ² and not exceeding 5.0m ² through one and half brick wall	no	Rate only	R450,00
H.1.B. 285	<u>SCHEDULE No. 2</u>			
H.1.B. 286	<u>EARTHWORKS (PROVISIONAL)</u>			
H.1.B. 287	Carting away of excavated material			
H.1.B. 288	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.			
H.1.B. 289	<u>Subterranean water</u>			
H.1.B. 290	No information regarding subterranean water is available. The contractor must acquaint himself of the presence and depth of subterranean water and allow therefore in his rates.			
H.1.B. 291	<u>Carting away of excavated material</u>			
H.1.B. 292	Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site			
H.1.B. 293	<u>DEMOLITIONS ETC</u>			
H.1.B. 294	<u>Breaking up and removing</u>			
H.1.B. 295	75mm thick concrete surface beds, paving, etc	m ²	Rate only	R150,00
H.1.B. 296	100mm thick concrete surface beds, paving, etc	m ²	Rate only	R165,00
H.1.B. 297	150mm thick concrete surface beds, paving, etc	m ²	Rate only	R175,00
H.1.B. 298	75mm thick mesh reinforced concrete surface beds, paving, etc	m ²	Rate only	R155,00
H.1.B. 299	100mm thick mesh reinforced concrete surface beds, paving, etc	m ²	Rate only	R170,00
H.1.B. 300	150mm thick mesh reinforced concrete surface beds, paving, etc	m ²	Rate only	R180,00
H.1.B. 301	250mm thick mesh reinforced concrete surface beds, paving, etc	m ²	Rate only	R220,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 302	60mm thick brick paving with mortar joints	m ²	Rate only	R45,00
H.1.B. 303	80mm thick brick paving with mortar joints	m ²	Rate only	R55,00
H.1.B. 304	<u>Take down and removing</u>			
H.1.B. 305	Steel palisade, round bar, square tube, etc. gate size 813 x 2032mm high	no	Rate only	R35,00
H.1.B. 306	Steel palisade, round bar, square tube, etc. gate size 1200 x 2032mm high	no	Rate only	R35,00
H.1.B. 307	Steel sliding palisade, round bar, square tube, etc. gate size 6000 x 1800mm high	no	Rate only	R35,00
H.1.B. 308	Steel two leaf palisade, round bar, square tube, etc. gate size 6000 x 1800mm high	no	Rate only	R35,00
H.1.B. 309	Steel burglar gates, screens, etc. size 813 x 2032mm high	no	Rate only	R35,00
H.1.B. 310	Steel burglar gates, screens, etc. size 1626 x 2032mm high	no	Rate only	R35,00
H.1.B. 311	Steel two leaf palisade, round bar, square tube, etc. fence panel size 3000 x 1800mm high	no	Rate only	R70,00
H.1.B. 312	Diamond mesh fence 2,1m high with flat wrap razor wire fixed to top and bottom and 750mm high overall with steel post and droppers	m	Rate only	R25,00
H.1.B. 313	Half brick, precast, etc. boundary or yard wall 1,8m high	m	Rate only	R35,00
H.1.B. 314	One brick boundary or yard wall 1,8m high	m	Rate only	R35,00
H.1.B. 315	Steel Palisade fencing not exceeding 2400mm high	m	Rate only	R45,00
H.1.B. 316	Concrete Palisade fencing not exceeding 2400mm high	m	Rate only	R75,00
H.1.B. 317	Wooden picket fence 1500mm high	m	Rate only	R15,00
H.1.B. 318	<u>SITE CLEARANCE, ETC.</u>			
H.1.B. 319	<u>User Note</u>			
H.1.B. 320	<u>Where the value is of significance, the removal of hedges, etc. shall be given separately in meters or in number</u>			
H.1.B. 321	<u>Site clearance</u>			
H.1.B. 322	Dig up and remove rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush etc.	m ²	Rate only	R15,00
H.1.B. 323	Strip average 150mm. thick layer top soil and stockpile on site where directed	m ²	Rate only	R25,00
H.1.B. 324	Rip, scarify and compact ground 150mm average	m ²	Rate only	R25,00
H.1.B. 325	Carting away rubble up to 5km radius	m ³	Rate only	R170,00
H.1.B. 326	<u>REMOVAL OF TREES, ETC.</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 327	<u>Taking out and removing, grubbing up roots and filling in holes</u>			
H.1.B. 328	Tree stump exceeding 200mm. and not exceeding 500mm. girth	no	Rate only	R300,00
H.1.B. 329	Tree stump exceeding 500mm. and not exceeding 1000mm. girth	no	Rate only	R450,00
H.1.B. 330	Tree stump exceeding 1000mm. and not exceeding 2000mm. girth	no	Rate only	R600,00
H.1.B. 331	Tree stump exceeding 2000mm. and not exceeding 3000mm. girth	no	Rate only	R1 200,00
H.1.B. 332	<u>Cutting down and removing, grubbing up roots and filling in holes including importing filling where required</u>			
H.1.B. 333	Hedge not exceeding 1500mm high	m	Rate only	R75,00
H.1.B. 334	Hedge exceeding 1500mm high and not exceeding 2500mm high	m	Rate only	R85,00
H.1.B. 335	Tree exceeding 200mm. and not exceeding 500mm. girth	no	Rate only	R300,00
H.1.B. 336	Tree exceeding 500mm. and not exceeding 1000mm. girth	no	Rate only	R450,00
H.1.B. 337	Tree exceeding 1000mm. and not exceeding 2000mm. girth	no	Rate only	R600,00
H.1.B. 338	Tree exceeding 2000mm. and not exceeding 3000mm. girth	no	Rate only	R1 200,00
H.1.B. 339	<u>EXCAVATION, FILLING, ETC.</u>			
H.1.B. 340	<u>Excavation in earth not exceeding 2m. deep</u>			
H.1.B. 341	Trenches.	m ³	Rate only	R65,00
H.1.B. 342	Holes	m ³	Rate only	R65,00
H.1.B. 343	Trenches and holes for thickening under surface beds etc.	m ³	Rate only	R65,00
H.1.B. 344	<u>Extra over trench and hole excavations in earth for excavation in</u>			
H.1.B. 345	Soft rock.	m ³	Rate only	R350,00
H.1.B. 346	Hard rock.	m ³	Rate only	R600,00
H.1.B. 347	<u>Extra over excavations in earth for breaking up and removing</u>			
H.1.B. 348	Brickwork	m ³	Rate only	R150,00
H.1.B. 349	Unreinforced concrete	m ³	Rate only	R250,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 350	Reinforced concrete	m ³	Rate only	R300,00
H.1.B. 351	Tarmac	m ²	Rate only	R200,00
H.1.B. 352	<u>Risk of collapse of excavations</u>			
H.1.B. 353	Sides of trench and hole excavations not exceeding 1,5m deep.	m ²	Rate only	R10,00
H.1.B. 354	Sides of trench and hole excavations exceeding 1,5m deep.	m ²	Rate only	R10,00
H.1.B. 355	<u>Keeping excavations free of water</u>			
H.1.B. 356	Keeping excavations free of water other than subterranean water	Item	Rate only	R1 500,00
H.1.B. 357	<u>Earth filling obtained from excavations and/or prescribed stock piles on site (not compacted)</u>			
H.1.B. 358	Over site	m ³	Rate only	R45,00
H.1.B. 359	Landscape mounds, berms, etc	m ³	Rate only	R45,00
H.1.B. 360	<u>Earth filling obtained from excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>			
H.1.B. 361	Under floors, steps, pavings, etc.	m ³	Rate only	R45,00
H.1.B. 362	Backfill behind retaining walls	m ³	Rate only	R45,00
H.1.B. 363	Backfill to trenches, holes, etc.	m ³	Rate only	R45,00
H.1.B. 364	Over site to make up levels	m ³	Rate only	R45,00
H.1.B. 365	Bedding	m ³	Rate only	R45,00
H.1.B. 366	<u>Earth filling supplied by the contractor compacted to 95% Mod AASHTO density.</u>			
H.1.B. 367	Under floors, steps, pavings, etc.	m ³	Rate only	R210,00
H.1.B. 368	Backfill behind retaining walls	m ³	Rate only	R210,00
H.1.B. 369	Backfill to trenches, holes, etc.	m ³	Rate only	R210,00
H.1.B. 370	<u>Garden top soil filling obtained from the excavations and/or prescribed stock piles on site</u>			
H.1.B. 371	In flower boxes	m ³	Rate only	R25,00
H.1.B. 372	Over site	m ³	Rate only	R25,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL
BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 373	Landscape mounds, berms, etc	m ³	Rate only	R25,00
H.1.B. 374	<u>Garden top soil filling supplied by the contractor</u>			
H.1.B. 375	In flower boxes	m ³	Rate only	R170,00
H.1.B. 376	Over site	m ³	Rate only	R170,00
H.1.B. 377	Landscape mounds, berms, etc	m ³	Rate only	R170,00
H.1.B. 378	<u>Coarse river sand filling supplied by the contractor</u>			
H.1.B. 379	Under floors etc	m ³	Rate only	R165,00
H.1.B. 380	Behind retaining walls	m ³	Rate only	R165,00
H.1.B. 381	In floor ducts	m ³	Rate only	R165,00
H.1.B. 382	<u>Hardcore filling</u>			
H.1.B. 383	Under floors etc	m ³	Rate only	R170,00
H.1.B. 384	<u>Crusher filling of 19mm stone</u>			
H.1.B. 385	Under floors etc	m ³	Rate only	R500,00
H.1.B. 386	Behind retaining walls	m ³	Rate only	R500,00
H.1.B. 387	In flower boxes	m ³	Rate only	R500,00
H.1.B. 388	<u>Compaction of surfaces</u>			
H.1.B. 389	Compaction of ground surface under floors, etc. including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m ²	Rate only	R35,00
H.1.B. 390	<u>TESTS</u>			
H.1.B. 391	<u>Prescribed density test on filling.</u>			
H.1.B. 392	"Modified AASHTO density" test	no.	Rate only	R125,00
H.1.B. 393	"Natural California Bearing Ratio" test	no	Rate only	R155,00
H.1.B. 394	"Field Density" test including "Optimum Moisture Content" (four readings per test)	no	Rate only	R150,00
H.1.B. 395	Maximum dry density and optimum moisture content test in accordance with Method A7 of TMH1 (Technical Method of Highways	no	Rate only	R165,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 396	In situ dry density (sand replacement) test in accordance with method A7 of TMH1 (Technical Method of Highways)	no	Rate only	R170,00
H.1.B. 397	GABIONS			
H.1.B. 398	Gabions of Mesh Type 80 with 3mm Class A galvanised wire boxes laced and braced together and filled with broken stone as per Maccaferri SA (Pty) Ltd specifications			
H.1.B. 399	1000mm thick retaining wall of 1000 x 1000 x 1000mm boxes properly bonded	m ³	Rate only	R1 500,00
H.1.B. 400	1000mm thick retaining wall of 2000 x 1000 x 1000mm boxes properly bonded	m ³	Rate only	R1 500,00
H.1.B. 401	SOIL POISONING			
H.1.B. 402	Weedkillers, Insecticides, etc. Environmentally friendly and SABS approved.			
H.1.B. 403	Under paving, etc	m ²	Rate only	R10,00
H.1.B. 404	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming.	m ²	Rate only	R10,00
H.1.B. 405	Bottoms and sides of trenches etc.	m ²	Rate only	R10,00
H.1.B. 406	SCHEDULE No. 3			
H.1.B. 407	SUPPLEMENTARY PREAMBLES			
H.1.B. 408	<u>Formwork</u>			
H.1.B. 409	Descriptions of formwork shall be deemed to include use and waste only (except where described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use			
H.1.B. 410	The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damage and shall remain in position until the newly constructed work is able to support itself.			
H.1.B. 411	Formwork to soffits of (solid) slabs etc. shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described.			
H.1.B. 412	Formwork to sides of bases, pile caps, ground beams, etc. will only be measured where it is prescribed by the engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks"			
H.1.B. 413	LIGHTWEIGHT CONCRETE			
H.1.B. 414	<u>Lightweight concrete</u>			
H.1.B. 415	Grading to slabs	m ²	Rate only	R500,00
H.1.B. 416	Finishing smooth top surfaces of grading to falls for waterproofing including 1:8 monolithic cement plaster screed as necessary	m ²	Rate only	R30,00
H.1.B. 417	UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES			
H.1.B. 418	15MPa/20mm. concrete			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL
BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 419	Surface blinding under surface beds	m ³	Rate only	R1 800,00
H.1.B. 420	Surface blinding under footings and bases	m ³	Rate only	R1 800,00
H.1.B. 421	<u>20MPa/20mm. concrete</u>			
H.1.B. 422	Strip footings	m ³	Rate only	R2 200,00
H.1.B. 423	Surface bed	m ³	Rate only	R2 200,00
H.1.B. 424	Surface bed cast in panels	m ³	Rate only	R2 200,00
H.1.B. 425	Pavings	m ³	Rate only	R2 200,00
H.1.B. 426	Pavings cast in panels	m ³	Rate only	R2 200,00
H.1.B. 427	Ramps	m ³	Rate only	R2 200,00
H.1.B. 428	Bottoms and sides of floor ducts	m ³	Rate only	R2 200,00
H.1.B. 429	Machine bases	m ³	Rate only	R2 200,00
H.1.B. 430	Steps, urinal steps, cupboard platforms, etc.	m ³	Rate only	R2 200,00
H.1.B. 431	<u>25MPa/20mm. concrete</u>			
H.1.B. 432	Strip footings	m ³	Rate only	R2 600,00
H.1.B. 433	Surface bed	m ³	Rate only	R2 600,00
H.1.B. 434	Surface bed cast in panels	m ³	Rate only	R2 600,00
H.1.B. 435	Pavings	m ³	Rate only	R2 600,00
H.1.B. 436	Pavings cast in panels	m ³	Rate only	R2 600,00
H.1.B. 437	Ramps	m ³	Rate only	R2 600,00
H.1.B. 438	Bottoms and sides of floor ducts	m ³	Rate only	R2 600,00
H.1.B. 439	Machine bases	m ³	Rate only	R2 600,00
H.1.B. 440	Steps	m ³	Rate only	R2 600,00
H.1.B. 441	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
H.1.B. 442	<u>20MPa/20mm. concrete</u>			
H.1.B. 443	Strip footings	m ³	Rate only	R2 650,00
H.1.B. 444	Bases	m ³	Rate only	R2 650,00
H.1.B. 445	Foundation beams	m ³	Rate only	R2 650,00
H.1.B. 446	Surface bed	m ³	Rate only	R2 650,00
H.1.B. 447	Surface bed cast in panels	m ³	Rate only	R2 650,00
H.1.B. 448	Pavings	m ³	Rate only	R2 650,00
H.1.B. 449	Pavings cast in panels	m ³	Rate only	R2 650,00
H.1.B. 450	Ramps	m ³	Rate only	R2 650,00
H.1.B. 451	Bottoms and sides of floor ducts	m ³	Rate only	R2 650,00
H.1.B. 452	Machine bases	m ³	Rate only	R2 650,00
H.1.B. 453	Steps	m ³	Rate only	R2 650,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 454	In cavity walls	m ³	Rate only	R2 650,00
H.1.B. 455	25MPa/20mm. concrete			
H.1.B. 456	Strip footings	m ³	Rate only	R2 800,00
H.1.B. 457	Bases	m ³	Rate only	R2 800,00
H.1.B. 458	Foundation beams	m ³	Rate only	R2 800,00
H.1.B. 459	Surface bed	m ³	Rate only	R2 800,00
H.1.B. 460	Surface bed cast in panels	m ³	Rate only	R2 800,00
H.1.B. 461	Pavings	m ³	Rate only	R2 800,00
H.1.B. 462	Pavings cast in panels	m ³	Rate only	R2 800,00
H.1.B. 463	Ramps	m ³	Rate only	R2 800,00
H.1.B. 464	Bottoms and sides of floor ducts	m ³	Rate only	R2 800,00
H.1.B. 465	Machine bases	m ³	Rate only	R2 800,00
H.1.B. 466	Steps	m ³	Rate only	R2 800,00
H.1.B. 467	TEST BLOCKS			
H.1.B. 468	Making and testing a set of three 150 x 150 x 150mm. concrete strength test cubes (Provisional)	no	Rate only	R150,00
H.1.B. 469	CONCRETE SUNDRIES			
H.1.B. 470	Finishing top surface of concrete smooth with wood float or steel trowel			
H.1.B. 471	Surface bed, slabs, etc	m ²	Rate only	R25,00
H.1.B. 472	Surface bed, slabs, etc to falls and currents	m ²	Rate only	R25,00
H.1.B. 473	Paving to falls	m ²	Rate only	R25,00
H.1.B. 474	Finishing top surfaces of concrete smooth with a steel float			
H.1.B. 475	Surface bed, slabs, etc.	m ²	Rate only	R20,00
H.1.B. 476	Surface bed, slabs, etc to falls and currents	m ²	Rate only	R20,00
H.1.B. 477	Paving to falls	m ²	Rate only	R20,00
H.1.B. 478	Finishing top surfaces of concrete smooth with a power float			
H.1.B. 479	Surface bed, slabs, etc.	m ²	Rate only	R25,00
H.1.B. 480	Surface bed, slabs, etc to falls and currents	m ²	Rate only	R25,00
H.1.B. 481	Paving to falls	m ²	Rate only	R25,00
H.1.B. 482	ROUGH FORMWORK (DEGREE OF ACCURACY II)			
H.1.B. 483	Rough formwork to sides			
H.1.B. 484	Strip footings (Provisional)	m ²	Rate only	R35,00
H.1.B. 485	Foundation beams (Provisional)	m ²	Rate only	R35,00
H.1.B. 486	Retaining walls (Provisional)	m ²	Rate only	R35,00
H.1.B. 487	Walls (Provisional)	m ²	Rate only	R35,00
H.1.B. 488	SMOOTH FORMWORK (DEGREE OF ACCURACY II)			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 489	<u>Smooth formwork to sides</u>			
H.1.B. 490	Steps	m ²	Rate only	R35,00
H.1.B. 491	Retaining walls	m ²	Rate only	R35,00
H.1.B. 492	Walls	m ²	Rate only	R35,00
H.1.B. 493	Edges, risers, ends and reveals not exceeding 300mm. high or wide	m	Rate only	R10,00
H.1.B. 494	Edges, risers, ends and reveals not exceeding 300mm. high or wide circular exceeding 1m radius	m	Rate only	R10,00
H.1.B. 495	<u>MOVEMENT JOINTS, ETC.</u>			
H.1.B. 496	<u>Expansion joints with bitumen impregnated softboard between vertical concrete surfaces</u>			
H.1.B. 497	10mm. joint exceeding 300mm. high	m ²	Rate only	R15,00
H.1.B. 498	10mm. joint not exceeding 300mm. high	m	Rate only	R5,00
H.1.B. 499	<u>Expansion joints with bitumen impregnated softboard between vertical concrete and brick surfaces</u>			
H.1.B. 500	10mm. joint exceeding 300mm. high	m ²	Rate only	R15,00
H.1.B. 501	10mm. joint not exceeding 300mm. high	m	Rate only	R5,00
H.1.B. 502	<u>Saw cut joints</u>			
H.1.B. 503	5 x 35mm. saw cut jointson top of concrete	m	Rate only	R6,00
H.1.B. 504	<u>REINFORCEMENT</u>			
H.1.B. 505	<u>Mild steel reinforcement to structural concrete work</u>			
H.1.B. 506	8mm. diameter bar	t	Rate only	R16 000,00
H.1.B. 507	10mm. diameter bar	t	Rate only	R16 000,00
H.1.B. 508	12mm. diameter bar	t	Rate only	R16 000,00
H.1.B. 509	16mm. diameter bar	t	Rate only	R16 000,00
H.1.B. 510	<u>High tensile steel reinforcement to structural concrete work</u>			
H.1.B. 511	10mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 512	12mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 513	16mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 514	20mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 515	25mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 516	32mm. diameter bar	t	Rate only	R16 500,00
H.1.B. 517	<u>Fabric reinforcement</u>			
H.1.B. 518	Type Ref. 100 in concrete surface beds, slabs, etc.	m ²	Rate only	R45,00
H.1.B. 519	Type Ref. 193 in concrete surface beds, slabs, etc.	m ²	Rate only	R45,00
H.1.B. 520	Type Ref. 245 in concrete surface beds, slabs, etc.	m ²	Rate only	R50,00
H.1.B. 521	Type Ref. 311 in concrete surface beds, slabs, etc.	m ²	Rate only	R55,00
H.1.B. 522	Type Ref. 395 in concrete surface beds, slabs, etc.	m ²	Rate only	R60,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 523	<u>SCHEDULE No. 4</u>			
H.1.B. 524	<u>MASONRY</u>			
H.1.B. 525	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 526	<u>BRICKWORK</u>			
H.1.B. 527	<u>Size and descriptions</u>			
H.1.B. 528	Where sizes in descriptions are given in brick units, "One brick" shall represent length and "Half brick" the width of a brick			
H.1.B. 529	<u>Hollow walls, etc</u>			
H.1.B. 530	Description of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole			
H.1.B. 531	<u>User Note</u>			
H.1.B. 532	The following preamble generally applies for works in hot and humid coastal areas			
H.1.B. 533	<u>Bagged and sealed walls</u>			
H.1.B. 534	Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating			
H.1.B. 535	<u>Face bricks</u>			
H.1.B. 536	Bricks shall be ordered timeously to obtain uniformity in size and colour			
H.1.B. 537	<u>Pointing</u>			
H.1.B. 538	Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc.			
H.1.B. 539	<u>BLOCKWORK</u>			
H.1.B. 540	<u>Concrete masonry units</u>			
H.1.B. 541	Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 14MPa			
H.1.B. 542	<u>Wall ties for blockwork</u>			
H.1.B. 543	Wall ties shall be polypropylene ties complying with BS76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the blockwork. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other			
H.1.B. 544	<u>Blockwork</u>			
H.1.B. 545	Blockwork shall comply with SANS 10145 "Concrete Masonry Construction"			
H.1.B. 546	Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole			
H.1.B. 547	<u>Standard complementary blocks</u>			
H.1.B. 548	Descriptions of blockwork shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary			
H.1.B. 549	<u>DECORATIVE BLOCKS</u>			
H.1.B. 550	Blocks shall be of approved manufacture, sound, well burnt or cured and uniform and true in size, shape and colour			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 551	<u>BRICKWORK</u>			
H.1.B. 552	<u>Brickwork of NFX bricks (14MPa nominal compressive strength) in class II mortar</u>			
H.1.B. 553	Piers	m ³	Rate only	R1 200,00
H.1.B. 554	Half brick walls	m ²	Rate only	R200,00
H.1.B. 555	Half brick walls in beamfilling	m ²	Rate only	R200,00
H.1.B. 556	One brick walls	m ²	Rate only	R400,00
H.1.B. 557	One brick walls in beamfilling	m ²	Rate only	R400,00
H.1.B. 558	One and a half brick wall	m ²	Rate only	R600,00
H.1.B. 559	Two brick walls	m ²	Rate only	R800,00
H.1.B. 560	<u>BRICKWORK SUNDRIES</u>			
H.1.B. 561	<u>Brickwork sundries</u>			
H.1.B. 562	Cutting toothings and bonding new brickwork to existing	m ²	Rate only	R65,00
H.1.B. 563	Splayed mortar fillet one course high in 50mm cavity	m	Rate only	R25,00
H.1.B. 564	Splayed mortar fillet two course high in 50mm cavity	m	Rate only	R25,00
H.1.B. 565	Closing 50mm cavity of hollow wall vertically with brickwork half brick wide	m	Rate only	R25,00
H.1.B. 566	Closing 50mm cavity of hollow wall horizontally with one course of brickwork	m	Rate only	R25,00
H.1.B. 567	Closing 50mm cavity of hollow wall horizontally with two course of brickwork	m	Rate only	R25,00
H.1.B. 568	Closing 50mm cavity at raking top of hollow wall with two course of brickwork	m	Rate only	R25,00
H.1.B. 569	<u>Reinforcing and stabilising brickwork</u>			
H.1.B. 570	Cutting out and removing one course half brickwall and building in 1 x 110 x 75mm lintels in lengths not exceeding 3m	m	Rate only	R55,00
H.1.B. 571	Cutting out and removing one course one brickwall and building in 2 x 110 x 75mm lintels in lengths not exceeding 3m	m	Rate only	R65,00
H.1.B. 572	<u>Joint forming material in movement joints</u>			
H.1.B. 573	10mm Fibre board built in vertically between brick skins	m ²	Rate only	R25,00
H.1.B. 574	<u>Reinforcement to brickwork</u>			
H.1.B. 575	75mm wide brick force built in horizontally	m	Rate only	R25,00
H.1.B. 576	150mm wide brick force built in horizontally	m	Rate only	R30,00
H.1.B. 577	230mm wide brick force built in horizontally	m	Rate only	R45,00
H.1.B. 578	<u>Prestressed fabricated lintels</u>			
H.1.B. 579	110 x 75mm. lintels in lengths not exceeding 3m.	m	Rate only	R45,00
H.1.B. 580	110 x 75mm. lintels in lengths exceeding 3m and not exceeding 4,5m	m	Rate only	R55,00
H.1.B. 581	150 x 75mm. lintels in lengths not exceeding 3m	m	Rate only	R55,00
H.1.B. 582	150 x 75mm. lintels in lengths exceeding 3m and not exceeding 4,5m	m	Rate only	R75,00
H.1.B. 583	<u>Galvanised wire ties etc</u>			
H.1.B. 584	4mm diameter roof tie 2m girth bent double with one end fixed to timber and other end built into brickwork	no	Rate only	R10,00
H.1.B. 585	4mm diameter roof tie 2m girth bent double with one end fixed to timber and other end cast into concrete	no	Rate only	R10,00
H.1.B. 586	4mm diameter butterfly ties fixed to brickwork	no	Rate only	R10,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 587	Galvanised hoop iron cramps, ties, etc.			
H.1.B. 588	40 x 1,6mm "Tibond" wall tie strips shot pinned to concrete and with tie bent out and built into brickwork	no	Rate only	R20,00
H.1.B. 589	30 x 1,6mm wall tie 500mm long with one end cast into concrete and other end built into brickwork	no	Rate only	R20,00
H.1.B. 590	30 x 1,6mm roof tie 1,5m long with one fixed to timber and other end built into brickwork	no	Rate only	R20,00
H.1.B. 591	30 x 1,6mm roof tie 1,5m long with one fixed to timber and other end cast into concrete	no	Rate only	R20,00
H.1.B. 592	Air bricks etc			
H.1.B. 593	230 x 76mm clay vermin proof air brick	no	Rate only	R250,00
H.1.B. 594	230 x 150mm clay vermin proof air brick	no	Rate only	R300,00
H.1.B. 595	230 x 160mm cement air brick	no	Rate only	R350,00
H.1.B. 596	FACE BRICKWORK			
H.1.B. 597	Face brick pointed with recessed horizontal and vertical joints. (Allow P.C. amount of R4,500.00 per 1000 for supply and delivery)			
H.1.B. 598	Extra over ordinary brickwork for face brickwork	m ²	Rate only	R550,00
H.1.B. 599	Half brick wall pointed both sides	m ²	Rate only	R270,00
H.1.B. 600	One brick walls in English bond pointed both sides	m ²	Rate only	R550,00
H.1.B. 601	One and half brick walls in English bond pointed both sides	m ²	Rate only	R800,00
H.1.B. 602	Two one brick walls in English bond pointed both sides	m ²	Rate only	R1 100,00
H.1.B. 603	Extra over brickwork for brick-on-edge header course lintel	m	Rate only	R175,00
H.1.B. 604	Extra over brickwork for brick-on-edge header course window sill set sloping	m	Rate only	R175,00
H.1.B. 605	Cutting toothings and bonding new face brickwork to existing	m	Rate only	R25,00
H.1.B. 606	Fair cutting and fitting around pipes not exceeding 100mm diameter	no	Rate only	R30,00
H.1.B. 607	Fair cutting and fitting around pipes exceeding 100mm diameter and not exceeding 200mm diameter	no	Rate only	R60,00
H.1.B. 608	Brick-on-edge header course copings, sills etc. of face brick as described			
H.1.B. 609	Coping on top of half brick wall	m	Rate only	R110,00
H.1.B. 610	Coping on top of one brick wall	m	Rate only	R250,00
H.1.B. 611	Coping on top of one and a half brick wall	m	Rate only	R175,00
H.1.B. 612	Coping on racking top of one brick wall	m	Rate only	R250,00
H.1.B. 613	SEMI- FACE BRICKWORK			
H.1.B. 614	Extra over ordinary brickwork for semi- face brickwork	m ²	Rate only	R250,00
H.1.B. 615	Half brick wall pointed both sides	m ²	Rate only	R175,00
H.1.B. 616	One brick walls in English bond pointed both sides	m ²	Rate only	R275,00
H.1.B. 617	One and half brick walls in English bond pointed both sides	m ²	Rate only	R400,00
H.1.B. 618	Two one brick walls in English bond pointed both sides	m ²	Rate only	R600,00
H.1.B. 619	Extra over brickwork for brick-on-edge header course window sill set sloping	m	Rate only	R120,00
H.1.B. 620	NUTEC-CEMENT / FIBRE-CEMENT WINDOW SILLS			
H.1.B. 621	Natural grey sills in single lengths bedded in class I mortar including metal fixing lugs etc			
H.1.B. 622	15 x 150mm wide sills set flat and slightly projecting	m	Rate only	R150,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 623	15 x 200mm wide sills set sloping and slightly projecting	m	Rate only	R175,00
H.1.B. 624	SCHEDULE No. 5			
H.1.B. 625	WATERPROOFING			
H.1.B. 626	SUPPLEMENTARY PREAMBLES			
H.1.B. 627	Waterproofing to 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. Description of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turndowns			
H.1.B. 628	DAMP PROOFING OF WALLS AND FLOORS			
H.1.B. 629	One layer of 375 micron "Gundle plastic Brikrip DPC" embossed damp proof course			
H.1.B. 630	In walls	m ²	Rate only	R25,00
H.1.B. 631	One layer of 250 micron "Gundle Plastic USB Green" waterproofing sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"			
H.1.B. 632	Under surface beds	m ²	Rate only	R35,00
H.1.B. 633	Vertically between walls	m ²	Rate only	R35,00
H.1.B. 634	One layer of 250 micron "Gundle Plastic Hyperelastic Orange" waterproofing sheeting sealed at laps with "Superstik" tape carried out strictly in accordance with the manufacturer's instructions			
H.1.B. 635	Under surface beds	m ²	Rate only	R40,00
H.1.B. 636	Vertically between walls	m ²	Rate only	R40,00
H.1.B. 637	Primer and two coats "Durabit" rubber bitumen emulsion waterproof coating			
H.1.B. 638	On IBR, corrugated, etc. roof sheeting	m ²	Rate only	R285,00
H.1.B. 639	Supply all labour and material and seal all roofing screws, roof sheet joint overlaps and flashings against walls.			
H.1.B. 640	Carefully remove all loose roofing screws and plug holes in rafters with wooden dowels dipped in wood glue and allow to dry.			
H.1.B. 641	Refix in existing screw holes new 90mm long roofing screws with plastic and metal washer.			
H.1.B. 642	Prop rivet the sides of the joints of all roof sheeting overlaps at every 600mm apart along the joints with a 4mm diameter pop rivet and rivet metal washer.			
H.1.B. 643	Apply one (1) primer coat rubberized liquid with a polyurethane base or similar approved waterproofing material along the full length of all joints and roofing screws and flashings against walls.			
H.1.B. 644	Apply one (1) saturation coat over primer coat and simultaneously embed a fine-textured membrane on roof sheeting overlaps, roofing screws and flashings and thereafter apply one (1) final coat of liquid over the membrane, all strictly in accordance with the manufacturer's specification and instructions to ensure for the total sealing of all the roofing screws, roof joint overlaps and flashings against brick walls.			
H.1.B. 645	Leave roofs watertight on completion.			
H.1.B. 646	Note: Guarantee on roofs			
H.1.B. 647	On satisfactory completion and acceptance of the roof, the contractor is to supply a one (1) year written guarantee to the Department against leakages.			
H.1.B. 648	On concrete floors	m ²	Rate only	R20,00
H.1.B. 649	On concrete walls, columns and beams	m ²	Rate only	R20,00
H.1.B. 650	On concrete walls, columns and beams in foundations	m ²	Rate only	R20,00
H.1.B. 651	On brick walls	m ²	Rate only	R20,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 652	On brick bagged walls	m ²	Rate only	R20,00
H.1.B. 653	Primer and three coats "Durabit" rubber bitumen emulsion waterproof coating and one coat "Silvershield" aluminium coating			
H.1.B. 654	On concrete floors	m ²	Rate only	R65,00
H.1.B. 655	On concrete walls, columns and beams	m ²	Rate only	R65,00
H.1.B. 656	On concrete walls, columns and beams in foundations	m ²	Rate only	R65,00
H.1.B. 657	On brick walls	m ²	Rate only	R65,00
H.1.B. 658	On brick bagged walls	m ²	Rate only	R65,00
H.1.B. 659	4mm "Derbigum SP4" or equal and approved fully bonded waterproofing system carried out strictly in accordance with the manufacturer's instructions and under a Ten Year Insurance Backed Guarantee on materials and workmanship			
H.1.B. 660	On flat floors	m ²	Rate only	R120,00
H.1.B. 661	On sloping floors	m ²	Rate only	R120,00
H.1.B. 662	On flat roofs	m ²	Rate only	R120,00
H.1.B. 663	On flat wooden panels, roofs, etc	m ²	Rate only	R120,00
H.1.B. 664	On sloping roofs	m ²	Rate only	R120,00
H.1.B. 665	On sloping IBR roof sheeting	m ²	Rate only	R120,00
H.1.B. 666	On walls	m ²	Rate only	R120,00
H.1.B. 667	On tops and sides of invert beams	m ²	Rate only	R120,00
H.1.B. 668	On bottom and sides of floor ducts, channels, etc	m ²	Rate only	R120,00
H.1.B. 669	On bottom and sides of box gutters	m ²	Rate only	R120,00
H.1.B. 670	On bottom and sides of planter boxes	m ²	Rate only	R120,00
H.1.B. 671	On internal surfaces of 450 x 450 x 450mm deep sump, catchpit, etc	no	Rate only	R75,00
H.1.B. 672	Sealing edge to brickwork or concrete	m	Rate only	R45,00
H.1.B. 673	Sealing edge to brickwork or concrete including trowelled mastic bead	m	Rate only	R45,00
H.1.B. 674	Flashing strip 200mm girth a turn-ups including sealing top edge into groove with mastic	m	Rate only	R55,00
H.1.B. 675	Type 40 bituminous fibreglass felt protection layer with coarse building sand blinding loose laid over horizontal waterproofing with 50mm wide side and end laps sealed with cold bituminous adhesive	m ²	Rate only	R75,00
H.1.B. 676	PROTECTIVE STONE DRESSING			
H.1.B. 677	20mm crusher stone dressing evenly spread with larger stones around outlets			
H.1.B. 678	50mm thick on waterproofing to flat roofs	m ²	Rate only	R250,00
H.1.B. 679	PROTECTIVE ROOFING PAINT			
H.1.B. 680	Two coats bituminous aluminium paint			
H.1.B. 681	On waterproofing to roofs	m ²	Rate only	R45,00
H.1.B. 682	On waterproofing to box gutters	m ²	Rate only	R45,00
H.1.B. 683	JOINT SEALANTS, ETC.			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 684	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc.</u>			
H.1.B. 685	6 x 12mm. in saw cut joints in concrete surface beds	m	Rate only	R15,00
H.1.B. 686	10 x 12mm. in expansion joints between concrete surface beds and brickwork including raking out joint filler as necessary	m	Rate only	R15,00
H.1.B. 687	10 x 12mm. in expansion joints in soffits raking out joint filler as necessary	m	Rate only	R15,00
H.1.B. 688	<u>Clear silicon sealant</u>			
H.1.B. 689	Between glazed tiles and sanitary fittings	m	Rate only	R10,00
H.1.B. 690	<u>EPOXY</u>			
H.1.B. 691	<u>4mm thick epoxy flowprime at 4m2/litre scatted with aggregate at 1kg/m2 and flowfresh Mfat 3,5 liters/m2</u>			
H.1.B. 692	On screeded floors	m ²	Rate only	R350,00
H.1.B. 693	On screeded seating slabs	m ²	Rate only	R350,00
H.1.B. 694	On plastered walls	m ²	Rate only	R350,00
H.1.B. 695	<u>Epoxy Overlay</u>			
H.1.B. 696	2 mm Self -levelling Epoxy Overlay in ward rooms Floor areas and ablution rooms i. Repair damaged concrete and screeds utilizing the rapid curing polyurethane mortar repair system, Polyscreed Mortar to provide a well bonded repair in order to rectify failed floor areas. ii. Prepare the work areas by means of diamond-headed grinding in order to provide a suitable surface profile to the existing epoxy finishes prior to the installation of the new floor finish. Preparation to be in accordance with manufacturer's specification. iii. Repair any minor pit marks and damaged epoxies utilizing the twin-pack epoxy adhesive repair system, Ivory 319 TAQ Epoxy. iv. Vacuum off all loose particles remaining and solvent wipe the prepared surface prior to the installation of the final floor finish. v. Install by steel trowels and notched rakes, and finish with spiked rollers, a nominal 2mm application of Flowcrete Flowshield SL Epoxy to provide a 2mm gloss, abrasion and chemical resistant floor finish. vi. All joints are re-cut and sealed with a compatible jointing compound once the new floor finish has cured.	m ²	Rate only	R400,00
H.1.B. 697	<u>Floor areas</u>			
H.1.B. 698	Flowcrete Flowfresh WR Polyurethane @ 6mm (Colour: Signal Grey)			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 699	i. Prepare the surface area by means of hand-held diamond grinding in order to provide a suitable surface profile prior to the application of the primer system. ii. Apply by means of brush and roller, a single application of the primer system, Flowcrete Flowprime Primer to provide a bond between the concrete, and the final shower floor finishes. iii. Broadcast into the uncured primer a single application of Flowcrete B & E Silica Aggregate to provide an additional mechanical bond prior to the installation of the final shower floor finishes. iv. Install by means of steel trowel, a nominal 6mm application of Flowcrete Flowfresh WR (Wall Render) Polyurethane to provide a non-slip, matt, heavy-duty and chemical resistant floor and finish. v. All joints are re-cut and sealed with a compatible jointing compound once the new floor finish has cured.	m ²	Rate only	R450,00
H.1.B. 700	Wall Areas			
H.1.B. 701	Flowcrete Flowcoat SF 41 Stipple Coat Epoxy @ 0,80mm (Colour: Cream) i. Prepare the surface area of the plastered walls by means of hand sanding in order to remove any laitance and provide a suitable surface profile prior to the application of the primer system. ii. Identify and repair any broken edges, pit marks and cracks utilizing the twin-pack epoxy adhesive repair material, Ivory 319 TAQ. iii. Apply by means of brush and mohair rollers, a single application of the primer system, Flowcrete Flowseal EPW in a light colour to provide a pigmented bond between the plaster, and the final wall finishes. Apply a second coat of the primer system should the plaster require due to porosity. iv. Install by means of textured sponge rollers at a rate of 0,8 litres per square metre, a single application of Flowcrete Flowcoat SF 41 Stipple Coat Epoxy to provide a hygienic, textured, gloss, chemical and abrasion resistant wall finish.	m ²	Rate only	R450,00
H.1.B. 702	Primer and two coats "Rubberising" bitumen emulsion waterproof coating			
H.1.B. 703	On concrete floors	m ²	Rate only	R150,00
H.1.B. 704	On concrete walls, columns and beams	m ²	Rate only	R150,00
H.1.B. 705	On concrete walls, columns and beams in foundations	m ²	Rate only	R150,00
H.1.B. 706	On brick walls	m ²	Rate only	R150,00
H.1.B. 707	On brick bagged walls	m ²	Rate only	R150,00
H.1.B. 708	Two coats of one-component Siloxane "abe-wall seal" or equivalent waterproofing repellent			
H.1.B. 709	On walls	m ²	Rate only	R10,00
H.1.B. 710	On tops and sides of invert beams	m ²	Rate only	R10,00
H.1.B. 711	Bitumen emulsion "abe-Flintkote 3" or equivalent waterproofing			
H.1.B. 712	On concrete retaining walls	m ²	Rate only	R65,00
H.1.B. 713	On basements	m ²	Rate only	R65,00
H.1.B. 714	On abutments	m ²	Rate only	R65,00
H.1.B. 715	On wingwalls	m ²	Rate only	R65,00
H.1.B. 716	SCHEDULE No. 6			
H.1.B. 717	ROOF COVERINGS ETC.			
H.1.B. 718	TILES			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 719	"Marley Mendip" or equal and approved profile M22 factory-coated through colour concrete roof tiles, size 420 x 332mm manufactured in accordance with SABS 542, of approved colour with matching fittings nailed and/or fixed with suitable non-corrosive clips as required to and including 38x50mm sawn softwood battens at 320mm centres on an underlay of SABS approved "Gundle" white 250 micron plastic sheeting laid horizontally over trusses, with minimum overlap of 150mm and secured with non-corrosive clout nails to the trusses.			
H.1.B. 720	Roof covering with pitch not exceeding 50 degrees	m ²	Rate only	R320,00
H.1.B. 721	Side cladding at gable ends	m ²	Rate only	R320,00
H.1.B. 722	Taper ridge tiles edge bedded and pointed in 1:3 cement/sand mortar tinted to match tile colour over 150mm wide DPC	m	Rate only	R150,00
H.1.B. 723	Verge capping tiles to match roofing tiles fixed with non-corrosive fixing accessories	m	Rate only	R112,00
H.1.B. 724	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
H.1.B. 725	<u>0,58mm corrugated profile roll-formed Z275 spelter galvanised steel sheeting, in single lengths, fixed to timber/steel purlins or rails and 0,58mm galvanised sheet steel accessories</u>			
H.1.B. 726	Roof covering with pitch not exceeding 50 degrees	m ²	Rate only	R285,00
H.1.B. 727	Roof covering with pitch not exceeding 50 degrees side laps seam stitched	m ²	Rate only	R285,00
H.1.B. 728	Side cladding	m ²	Rate only	R285,00
H.1.B. 729	Ridge capping 462mm girth	m	Rate only	R150,00
H.1.B. 730	Hip capping 462mm girth	m	Rate only	R150,00
H.1.B. 731	Side wall flashing 308mm girth	m	Rate only	R25,00
H.1.B. 732	Head wall flashing 308mm girth	m	Rate only	R25,00
H.1.B. 733	Cover flashing 154mm girth	m	Rate only	R25,00
H.1.B. 734	Gable trim 308mm girth	m	Rate only	R35,00
H.1.B. 735	<u>0,6mm "Klip-lok 700" Z275 spelter galvanised ribbed sheet steel in single lengths fixed to timber/steel purlins or rails and 0,58mm galvanised sheet steel accessories</u>			
H.1.B. 736	Roof covering with pitch not exceeding 50 degrees	m ²	Rate only	R285,00
H.1.B. 737	Side cladding	m ²	Rate only	R285,00
H.1.B. 738	Ridge capping 550mm girth	m	Rate only	R285,00
H.1.B. 739	Hip capping 550mm girth	m	Rate only	R150,00
H.1.B. 740	Side wall flashing 408mm girth	m	Rate only	R150,00
H.1.B. 741	Head wall flashing 375mm girth	m	Rate only	R25,00
H.1.B. 742	Counter flashing 185mm girth	m	Rate only	R25,00
H.1.B. 743	Gable trim 580mm girth	m	Rate only	R35,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 744	"Ventco Firelight MKIII" galvanised sheet metal multi-purpose ventilator 2,15m long fixed through profile roof sheeting to steel purlins including flashings, closers, sealing strips, etc	no	Rate only	R2 500,00
H.1.B. 745	"Ventco Firelight MKIII" galvanised sheet metal, with "Global-Sil" finish on one side, multi-purpose ventilator 2,15m long fixed through profile roof sheeting to steel purlins including flashings, closers, sealing strips, etc	no	Rate only	R2 000,00
H.1.B. 746	<u>ROOF AND WALL INSULATION</u>			
H.1.B. 747	<u>"Sisalation RSA 420" heavy industrial grade aluminium foil based insulation</u>			
H.1.B. 748	Insulation laid taut over purlins (at approximately 1800mm centres) and fixed concurrent with roof covering including galvanised steel straining wires	m ²	Rate only	R120,00
H.1.B. 749	<u>"Sisalation RSA 410" residential grade glass fibre reinforced aluminium foil bonded insulation</u>			
H.1.B. 750	Insulation laid taut over rafters (at approximately 1200mm centres) and fixed concurrent with tiling battens, purlins, etc	m ²	Rate only	R120,00
H.1.B. 751	<u>RAINWATER DISPOSAL</u>			
H.1.B. 752	<u>0,6mm Galvanised sheet iron</u>			
H.1.B. 753	125mm Half round eaves gutter with beaded front edge including fixing brackets	m	Rate only	R128,00
H.1.B. 754	Extra over 125mm half round eaves gutter for stopped end	no	Rate only	R35,00
H.1.B. 755	Extra over 125mm half round eaves gutter for angle	no	Rate only	R25,00
H.1.B. 756	Extra over 125mm half round eaves gutter for outlet for 76mm diameter pipe	no	Rate only	R20,00
H.1.B. 757	76mm diameter rainwater pipes	m	Rate only	R110,00
H.1.B. 758	Extra over 76mm diameter rainwater pipe for bend	no	Rate only	R35,00
H.1.B. 759	Extra over 76mm diameter rainwater pipe for shoe	no	Rate only	R25,00
H.1.B. 760	100 x 125mm eaves gutter with beaded front edge including fixing brackets	m	Rate only	R135,00
H.1.B. 761	Extra over 100 x 125mm eaves gutter for stopped end	no	Rate only	R40,00
H.1.B. 762	Extra over 100 x 125mm eaves gutter for angle	no	Rate only	R35,00
H.1.B. 763	Extra over 100 x 125mm eaves gutter for 100 x 76mm outlet	no	Rate only	R35,00
H.1.B. 764	Extra over 76mm diameter rainwater pipe for outlet	no	Rate only	R25,00
H.1.B. 765	100 x 76mm rainwater pipes	m	Rate only	R105,00
H.1.B. 766	Extra over 100 x 76mm rainwater pipe for soldered bend	no	Rate only	R25,00
H.1.B. 767	Extra over 100 x 76mm rainwater pipe for soldered shoe	no	Rate only	R35,00
H.1.B. 768	<u>REPLACE DAMAGED GUTTERS AND DOWNPIPES</u>			
H.1.B. 769	Carefully cut and remove gutter and / or down pipe in damaged section, replace with new including gutter brackets, pipe clips, making water tight at joints, prepare and paint to match existing and leave in good working order.			
H.1.B. 770	<u>0,6mm Galvanised Sheet Iron</u>			
H.1.B. 771	125mm Half round eaves gutter with beaded front edge	m	Rate only	R65,00
H.1.B. 772	125mm half round eaves gutter stopped end	no	Rate only	R15,00
H.1.B. 773	125mm half round eaves gutter angle	no	Rate only	R15,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 774	125mm half round eaves gutter outlet for 76mm diameter pipe	no	Rate only	R15,00
H.1.B. 775	76mm diameter rainwater pipe	m	Rate only	R20,00
H.1.B. 776	76mm diameter rainwater pipe bend	no	Rate only	R15,00
H.1.B. 777	76mm diameter rainwater pipe shoe	no	Rate only	R15,00
H.1.B. 778	100 x 125mm eaves gutter stopped end	no	Rate only	R15,00
H.1.B. 779	100 x 125mm eaves gutter angle	no	Rate only	R15,00
H.1.B. 780	100 x 76mm eaves gutter outlet	no	Rate only	R15,00
H.1.B. 781	100 x 76mm rainwater pipe	m	Rate only	R105,00
H.1.B. 782	100 x 76mm rainwater pipe soldered bend	no	Rate only	R15,00
H.1.B. 783	100 x 76mm rainwater pipe soldered shoe	no	Rate only	R15,00
H.1.B. 784	Sundries			
H.1.B. 785	Replace or install new gutter bracket and / or pipe clip	no	Rate only	R40,00
H.1.B. 786	Repair leaking joint to Galvanised Iron gutter and / or down pipe not exceeding 500mm girth	no	Rate only	R20,00
H.1.B. 787	Repair leaking joint to Aluminium gutter and / or down pipe not exceeding 500mm girth	no	Rate only	R45,00
H.1.B. 788	Repair leaking joint to Galvanised Iron down pipe not exceeding 350mm diameter	no	Rate only	R45,00
H.1.B. 789	Replace or install new 80 or 100mm Full-bore cast iron outlet grating	no	Rate only	R45,00
H.1.B. 790	SCHEDULE No. 7			
H.1.B. 791	CARPENTRY AND JOINERY			
H.1.B. 792	SUPPLEMENTARY PREAMBLES			
H.1.B. 793	Particle board			
H.1.B. 794	Particle board shall comply with the following specifications:			
H.1.B. 795	a) SABS 1300 Particle board: exterior and flooring type			
H.1.B. 796	b) SABS 1301 Particle board: interior type			
H.1.B. 797	Joinery			
H.1.B. 798	Description of frames shall be deemed to include frames, transoms, mullions, rails, etc			
H.1.B. 799	Description of hardwood joinery shall be deemed to include pelleting of bolt holes			
H.1.B. 800	Fixings			
H.1.B. 801	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete.			
H.1.B. 802	Decorative laminated finish			
H.1.B. 803	Laminated finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish			
H.1.B. 804	ROOFS, ETC			
H.1.B. 805	Prefabricated timber roof construction complete, including battens, runners, bracing, hips, valleys, cleats, etc., designed, supplied and fixed complete			
H.1.B. 806	Sawn softwood grade 4			
H.1.B. 807	38 x 38mm Battens	m	Rate only	R8,00
H.1.B. 808	38 x 76mm Tilting battens	m	Rate only	R10,00
H.1.B. 809	38 x 76mm wall plates	m	Rate only	R10,00
H.1.B. 810	38 x 76mm wall plates bolted	m	Rate only	R10,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 811	50 x 76mm bracing	m	Rate only	R25,00
H.1.B. 812	50 x 76mm hangers	m	Rate only	R25,00
H.1.B. 813	50 x 75mm purlins	m	Rate only	R25,00
H.1.B. 814	50 x 50mm trimmers	m	Rate only	R20,00
H.1.B. 815	38 x 152mm sprockets	m	Rate only	R35,00
H.1.B. 816	38 x 114mm Ceiling joists in lengths not exceeding 2,4m	m	Rate only	R40,00
H.1.B. 817	50 x 152mm Ceiling joists in lengths exceeding 2,4m and not exceeding 3,9m	m	Rate only	R45,00
H.1.B. 818	38 x 114mm Rafters in lengths not exceeding 2,4m	m	Rate only	R50,00
H.1.B. 819	50 x 152mm Rafters in lengths exceeding 2,4m and not exceeding 3,9m	m	Rate only	R45,00
H.1.B. 820	76 x 152mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R45,00
H.1.B. 821	38 x 114mm Bearers in lengths not exceeding 2,4m	m	Rate only	R50,00
H.1.B. 822	50 x 152mm Bearers in lengths exceeding 2,4mm and not exceeding 3,9mm	m	Rate only	R45,00
H.1.B. 823	76 x 152mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R55,00
H.1.B. 824	<u>Sawn softwood grade 6</u>			
H.1.B. 825	76 x 228mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R75,00
H.1.B. 826	76 x 228mm Rafters in lengths exceeding 6,6m	m	Rate only	R75,00
H.1.B. 827	76 x 228mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R75,00
H.1.B. 828	76 x 228mm Bearers in lengths exceeding 6,6m	m	Rate only	R75,00
H.1.B. 829	<u>Wrought softwood grade 6</u>			
H.1.B. 830	76 x 228mm Rafters in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R75,00
H.1.B. 831	76 x 228mm Rafters in lengths exceeding 6,6m	m	Rate only	R75,00
H.1.B. 832	76 x 228mm Bearers in lengths exceeding 3,9m and not exceeding 6,6m	m	Rate only	R75,00
H.1.B. 833	76 x 228mm Bearers in lengths exceeding 6,6m	m	Rate only	R75,00
H.1.B. 834	2.5 mm diameter galvanised wire tie 2m girth wrapped around rafter and purlin with ends tied together	no	Rate only	R15,00
H.1.B. 835	30 x 1,6mm galvanised hoop iron roof tie 1500mm girth with each end fixed to timber	no	Rate only	R15,00
H.1.B. 836	4.5mm Diameter galvanised wire tie 1500mm girth with one end fied to timber and other end built into brickwork	no	Rate only	R17,00
H.1.B. 837	<u>EAVES, VERGES, ETC</u>			
H.1.B. 838	<u>Sawn softwood</u>			
H.1.B. 839	38 x 38mm Branders	m	Rate only	R8,00
H.1.B. 840	38 x 114mm Bearers	m	Rate only	R40,00
H.1.B. 841	38 x 114mm Hangers	m	Rate only	R40,00
H.1.B. 842	<u>"Everite" high density plain Pressed Nutec-cement</u>			
H.1.B. 843	12 x 225mm fascias and barge boards including galvanised steel H-profile jointing strips	m	Rate only	R25,00
H.1.B. 844	<u>FLOORS</u>			
H.1.B. 845	<u>Sawn Softwood</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 846	38 x 76mm Battens wired to concrete (wire ties elsewhere)	m	Rate only	R10,00
H.1.B. 847	50 x 150mm Floor joists in lengths not exceeding 2.4m	m	Rate only	R45,00
H.1.B. 848	50 x 150mm Floor joists in lengths exceeding 2.4m and not exceeding 3.9m	m	Rate only	R45,00
H.1.B. 849	50 x 150mm Floor joists in lengths exceeding 3.9m and not exceeding 6.6m	m	Rate only	R45,00
H.1.B. 850	50 x 150mm Floor joists in lengths exceeding 6.6m	m	Rate only	R45,00
H.1.B. 851	76 x 152mm Bearers in lengths exceeding 3.9m and not exceeding 6.6m	m	Rate only	R45,00
H.1.B. 852	76 x 152mm Bearers in lengths exceeding 6.6m	m	Rate only	R45,00
H.1.B. 853	<u>Wrought Softwood</u>			
H.1.B. 854	Flooring of 22 x 96mm tongued and grooved boarding	m ²	Rate only	R65,00
H.1.B. 855	Flooring of 19 x 75mm tongued and grooved boarding	m ²	Rate only	R55,00
H.1.B. 856	12mm hardwood block flooring	m ²	Rate only	R35,00
H.1.B. 857	<u>SKIRTINGS</u>			
H.1.B. 858	<u>Wrought Meranti</u>			
H.1.B. 859	19 x 70mm. skirting nailed	m	Rate only	R25,00
H.1.B. 860	19 x 70mm. skirting plugged	m	Rate only	R25,00
H.1.B. 861	22 x 94mm. skirting nailed	m	Rate only	R30,00
H.1.B. 862	22 x 94mm. skirting plugged	m	Rate only	R30,00
H.1.B. 863	19mm. quadrant bead nailed	m	Rate only	R10,00
H.1.B. 864	32mm. quadrant bead nailed	m	Rate only	R15,00
H.1.B. 865	<u>DOORS, ETC</u>			
H.1.B. 866	<u>Wrought Meranti doors hung to steel frames</u>			
H.1.B. 867	44mm Framed batten door 900 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	Rate only	R1 800,00
H.1.B. 868	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	Rate only	R1 600,00
H.1.B. 869	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	Rate only	R1 700,00
H.1.B. 870	44mm Framed batten door 813 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding and 3mm sheet metal fixed to otherside	no	Rate only	R1 700,00
H.1.B. 871	44mm Framed batten door 762 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	Rate only	R1 500,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 872	44mm Framed batten double door 1616 x 2032mm high of 44 x 100mm top rail and stiles, 44 x 150mm middle ledge and 44 x 225mm bottom ledge filled in with 22mm V-jointed one side boarding	no	Rate only	R2 200,00
H.1.B. 873	44mm Double leaf framed batten door 1510 x 2032mm high of 44 x 100mm top rail, stiles and rebated meeting stiles, 44 x 100mm middle ledge and braces and 44 x 100mm bottom rail filled in with 70mm V-jointed one side boarding and covered on other side with 3,2mm plywood with veneer to match door let into and including rebates all round	no	Rate only	R2 100,00
H.1.B. 874	"Swartland"			
H.1.B. 875	44mm "Kayo 8" Panel door 813 x 2032mm high	no	Rate only	R2 200,00
H.1.B. 876	44mm "Kayo 8" Panel rebated double door 1626 x 2032mm high	no	Rate only	R2 200,00
H.1.B. 877	Semi-solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames			
H.1.B. 878	40mm Door 900 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 879	40mm Door 813 x 2032mm. high	no	Rate only	R1 600,00
H.1.B. 880	40mm Door 762 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 881	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	Rate only	R2 100,00
H.1.B. 882	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	Rate only	R2 200,00
H.1.B. 883	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	Rate only	R2 000,00
H.1.B. 884	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 885	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	Rate only	R2 100,00
H.1.B. 886	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 887	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	Rate only	R45,00
H.1.B. 888	Semi-solid flush door with sapele veneer on both sides hung to steel frames			
H.1.B. 889	40mm Door 900 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 890	40mm Door 813 x 2032mm. high	no	Rate only	R1 600,00
H.1.B. 891	40mm Door 762 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 892	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	Rate only	R2 100,00
H.1.B. 893	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	Rate only	R2 200,00
H.1.B. 894	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	Rate only	R2 000,00
H.1.B. 895	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 896	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	Rate only	R2 100,00
H.1.B. 897	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 898	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	Rate only	R45,00
H.1.B. 899	Solid flush door with 3,2mm. hardboard covering on both sides hung to steel frames			
H.1.B. 900	40mm Door 900 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 901	40mm Door 813 x 2032mm. high	no	Rate only	R1 600,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 902	40mm Door 762 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 903	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	Rate only	R2 100,00
H.1.B. 904	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	Rate only	R2 200,00
H.1.B. 905	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	Rate only	R2 000,00
H.1.B. 906	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 907	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	Rate only	R2 100,00
H.1.B. 908	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 909	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	Rate only	R45,00
H.1.B. 910	<u>Solid flush door with sapele veneer on both sides hung to steel frames</u>			
H.1.B. 911	40mm Door 900 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 912	40mm Door 813 x 2032mm. high	no	Rate only	R1 600,00
H.1.B. 913	40mm Door 762 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 914	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	Rate only	R2 100,00
H.1.B. 915	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	Rate only	R2 200,00
H.1.B. 916	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	Rate only	R2 000,00
H.1.B. 917	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 918	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	Rate only	R2 100,00
H.1.B. 919	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 920	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	Rate only	R45,00
H.1.B. 921	<u>Solid flush door (1/2 hr fire rated) with sapele veneer on both sides hung to steel frames</u>			
H.1.B. 922	40mm Door 900 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 923	40mm Door 813 x 2032mm. high	no	Rate only	R1 600,00
H.1.B. 924	40mm Door 762 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 925	40mm Double leaf door 1511 x 2032mm. high with rebated meeting styles	no	Rate only	R2 100,00
H.1.B. 926	40mm Double leaf door 1613 x 2032mm. high with rebated meeting styles	no	Rate only	R2 200,00
H.1.B. 927	40mm Double leaf door 1359 x 2032mm. high with rebated meeting styles	no	Rate only	R2 000,00
H.1.B. 928	40mm Double leaf door 1616 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 929	40mm Double leaf door 1511 x 2032mm. high with flush meeting styles	no	Rate only	R2 100,00
H.1.B. 930	40mm Double leaf door 1359 x 2032mm. high with flush meeting styles	no	Rate only	R2 200,00
H.1.B. 931	Extra for 300 x 450mm opening including natural anodised aluminium louvre unit	no	Rate only	R45,00
H.1.B. 932	<u>FITTINGS</u>			
H.1.B. 933	<u>General</u>			
H.1.B. 934	The following cupboards fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 935	deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc			
H.1.B. 936	<u>Wood Kitchen Cupboards</u>			
H.1.B. 937	<u>Kitchen cupboards etc with approved hinges, handles and drawer sliders</u>			
H.1.B. 938	Wall cupboard Size; - 300 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	Rate only	R300,00
H.1.B. 939	Wall cupboard Size; 450 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	Rate only	R450,00
H.1.B. 940	Wall cupboard Size; 600 x 300 x 720mm high with top, sides, bottom, division, shelf, back and single hinged door	no	Rate only	R500,00
H.1.B. 941	Wall cupboard Size; 750 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged door	no	Rate only	R590,00
H.1.B. 942	Wall cupboard Size; 900 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	Rate only	R650,00
H.1.B. 943	Wall cupboard Size; 1200 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	Rate only	R750,00
H.1.B. 944	Wall cupboard Size; (L shaped) - 600 x 300 x 720mm high with top, sides, bottom, division, shelf, back and double hinged doors	no	Rate only	R700,00
H.1.B. 945	Floor cupboard (without top) Size; 300 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	Rate only	R850,00
H.1.B. 946	Floor cupboard (without top) Size; 450 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	Rate only	R855,00
H.1.B. 947	Floor cupboard (without top) Size; 600 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door	no	Rate only	R900,00
H.1.B. 948	Floor cupboard (without top) Size; 750 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	Rate only	R1 100,00
H.1.B. 949	Floor cupboard (without top) Size; 900 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	Rate only	R1 200,00
H.1.B. 950	Floor cupboard (without top) Size; 1200 x 550 x 880mm high with sides, bottom, division, shelf, and double hinged doors	no	Rate only	R1 350,00
H.1.B. 951	Floor cupboard (without top) Size; 450 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door, dividing framework and 1 drawer	no	Rate only	R855,00
H.1.B. 952	Floor cupboard (without top) Size; 450 x 550 x 880mm high with sides, bottom, dividing framework and 4 drawers	no	Rate only	R855,00
H.1.B. 953	Floor cupboard (without top) Size; 600 x 550 x 880mm high with sides, bottom, division, shelf, and single hinged door, dividing framework and 1 drawer	no	Rate only	R900,00
H.1.B. 954	Floor cupboard (without top) Size; 600 x 550 x 880mm high with sides, bottom, dividing framework and 4 drawers	no	Rate only	R900,00
H.1.B. 955	Floor cupboard (L shaped) Size; 900 x 300 x 880mm high with sides, bottom, division, shelf, back and double hinged doors	no	Rate only	R1 200,00
H.1.B. 956	Floor cupboard Size; 450 x 300 x 2095mm high with top, sides, bottom, division, 2 shelves, back and single hinged door	no	Rate only	R600,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 957	Floor cupboard Size; 600 x 300 x 2095mm high with top, sides, bottom, division, 4 shelves, back and single hinged door	no	Rate only	R750,00
H.1.B. 958	Sink cupboard Size; 900 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	Rate only	R800,00
H.1.B. 959	Sink cupboard Size; 1200 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	Rate only	R1 200,00
H.1.B. 960	Sink cupboard (double bowl) Size; 1500 x 550 x 880mm high with sides, bottom, division, shelf, back and double hinged doors (sink elsewhere)	no	Rate only	R1 600,00
H.1.B. 961	<u>New Steel kitchen cupboards</u> Supply and install new steel kitchen Gubbords with drawers, doors hinges and install strictly in accordance with manufacturer specifications. Kitchen Gubbboards to be manufactured out of 0.8mm cold roll steel and finishing with epoxy powder coating. Doors, 16mm Sound proof steel doors. Hinges 64mm easy fit hinges and 160mm stainless steel bar handles to be fitted to all drawers and doors. Drawers to be with 450 mm ball bearing runners. Basin gupboards to be fitted with a doble bowl stainless steel sink. (No Tops, tops measured elsewhere)			
H.1.B. 962				
H.1.B. 963	Unit sizes:			
H.1.B. 964	Floor units			
H.1.B. 965	HSU 1800 DCB (Sink unit)	no	Rate only	R1 200,00
H.1.B. 966	BU 900 /2	no	Rate only	R1 300,00
H.1.B. 967	BU 1800 /4	no	Rate only	R1 500,00
H.1.B. 968	Wall Units			
H.1.B. 969	WHU 900	no	Rate only	R1 350,00
H.1.B. 970	WHU 1800	no	Rate only	R1 700,00
H.1.B. 971	SEB- Single Bowl			R1 600,00
H.1.B. 972	DEB- Double end Bowl			R2 000,00
H.1.B. 973	DCB- Double center Bowl			R2 100,00
H.1.B. 974	<u>New Granite tops in Kitchens</u> Supply and fit Grigi Maghogy Granite 30mm thick post formed Granite tops on Floor units,exposed surfaces areas.		Rate only	R2 450,00
H.1.B. 975				
H.1.B. 976	Size: 1.500 mm x 0.600 mm wide x 32 mm thick	m	Rate only	R150,00
H.1.B. 977	Size: 4.500 mm x 0.600 mm wide x 32 mm thick	m	Rate only	R250,00
H.1.B. 978	<u>32mm thick post formed (on one side) top with 0,6mm Decon Laminated in Artic Granite or similar</u>			
H.1.B. 979	600mm wide	m	Rate only	R145,00
H.1.B. 980	900mm wide	m	Rate only	R165,00
H.1.B. 981	Extra over for edge strip	m	Rate only	R10,00
H.1.B. 982	Extra over for splay cutting	m	Rate only	R10,00
H.1.B. 983	<u>ROLL-UP, RETRACTABLE SCREENS AND BLINDS</u> <u>"Windovert" or equivalent blinds</u>			
H.1.B. 984				

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 985	<u>Supply and install complete with colour co-ordinated ladder lace, cord, head and bottom rails, filters, cord locks and installation brackets</u>			
H.1.B. 986	63mm blade width vertical fabric venetian blinds	m2	Rate only	R600,00
H.1.B. 987	90mm blade width vertical fabric venetian blinds	m2	Rate only	R750,00
H.1.B. 988	127mm blade width vertical fabric venetian blinds	m2	Rate only	R900,00
H.1.B. 989	16mm blade width aluminium venetian blinds	m2	Rate only	R250,00
H.1.B. 990	25mm blade width aluminium venetian blinds	m2	Rate only	R350,00
H.1.B. 991	50mm blade width aluminium venetian blinds	m2	Rate only	R550,00
H.1.B. 992	<u>Sundries</u>			
H.1.B. 993	<u>Making good wooden floors</u>			
H.1.B. 994	Cleaning, sanding and sealing ordinary floors	m ²	Rate only	R25,00
H.1.B. 995	Cleaning, sanding and sealing parquet floors	m ²	Rate only	R25,00
H.1.B. 996	<u>SCHEDULE No. 8</u>			
H.1.B. 997	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
H.1.B. 998	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 999	<u>Descriptions</u>			
H.1.B. 1000	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
H.1.B. 1001	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 have been given elsewhere			
H.1.B. 1002	<u>CEILINGS ETC</u>			
H.1.B. 1003	<u>"Isotherm" insulation</u>			
H.1.B. 1004	50mm insulation closely fitted and laid on top of branderling between roof trusses	m ²	Rate only	R50,00
H.1.B. 1005	135mm insulation closely fitted and laid on top of branderling between roof trusses	m ²	Rate only	R85,00
H.1.B. 1006	<u>NAILED UP CEILINGS</u>			
H.1.B. 1007	<u>6.4mm "Rhino" gypsum plasterboard with 32mm wrought softwood half round cover strip over joints</u>			
H.1.B. 1008	Ceilings including 38 x 50mm sawn softwood branderling at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1009	Vertical ceilings including 38 x 50mm sawn softwood branderling at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1010	Horizontal bulkhead including 38 x 50mm sawn softwood branderling at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1011	Vertical bulkhead including 38 x 50mm sawn softwood branderling at 400mm centres	m ²	Rate only	R190,00
H.1.B. 1012	Extra over ceiling for opening for 75mm diameter downlighter	no	Rate only	R50,00
H.1.B. 1013	Extra over ceiling for opening for 180mm diameter downlighter	no	Rate only	R75,00
H.1.B. 1014	Extra over ceiling for opening for 300 x 1200mm light fitting	no	Rate only	R125,00
H.1.B. 1015	Extra over ceiling for opening for 600 x 1200mm light fitting	no	Rate only	R150,00
H.1.B. 1016	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	Rate only	R85,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1017	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	Rate only	R450,00
H.1.B. 1018	<u>6.4mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim fixed over joints and finished with gypsum skim plaster trowelled and sanded to a smooth polished surface</u>			
H.1.B. 1019	Ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1020	Vertical ceilings including 38 x 50mm sawn softwood brander at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1021	Horizontal bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m ²	Rate only	R185,00
H.1.B. 1022	Vertical bulkhead including 38 x 50mm sawn softwood brander at 400mm centres	m ²	Rate only	R190,00
H.1.B. 1023	Opening for sprinkler head	no	Rate only	R30,00
H.1.B. 1024	Extra over ceiling for opening for 75mm diameter downlighter	no	Rate only	R50,00
H.1.B. 1025	Extra over ceiling for opening for 180mm diameter downlighter	no	Rate only	R75,00
H.1.B. 1026	Extra over ceiling for opening for 300 x 1200mm light fitting	no	Rate only	R125,00
H.1.B. 1027	Extra over ceiling for opening for 600 x 1200mm light fitting	no	Rate only	R150,00
H.1.B. 1028	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	Rate only	R85,00
H.1.B. 1029	Extra over ceiling for 600 x 600mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening on 20 x 20mm pressed steel angle	no	Rate only	R450,00
H.1.B. 1030	<u>"Rhino" gypsum plasterboard cornice</u>			
H.1.B. 1031	75mm standard coved cornice	m	Rate only	R15,00
H.1.B. 1032	125mm standard coved cornice	m	Rate only	R20,00
H.1.B. 1033	<u>"Rhino" gypsum plasterboard decorative mouldings</u>			
H.1.B. 1034	75mm standard coved cornice	m	Rate only	R15,00
H.1.B. 1035	125mm standard coved cornice	m	Rate only	R20,00
H.1.B. 1036	<u>SUSPENDED CEILINGS</u>			
H.1.B. 1037	<u>BPB Gypsum DonnCeil Gyrex White vinyl finished gypsum ceiling tiles size 1200 x 600mm x 12,5mm thick laid on and including SQ/T38 galvanised main tees, cross tees, hold-down clips, wedges, etc., all suspended with galvanised hangers at hanger centres not exceeding 1200mm.</u>			
H.1.B. 1038	Ceiling suspended not exceeding 1m below concrete soffits	m ²	Rate only	R185,00
H.1.B. 1039	Ceiling suspended exceeding 1m and not exceeding 2m below concrete soffits	m ²	Rate only	R185,00
H.1.B. 1040	Ceiling suspended not exceeding 1m. below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m ²	Rate only	R185,00
H.1.B. 1041	Ceiling suspended exceeding 1m and not exceeding 2m below timber/steel purlins at ± 1,4m centres (trusses at ± 1,0m centres)	m ²	Rate only	R190,00
H.1.B. 1042	Horizontal bulkheads suspended not exceeding 1m below concrete soffits	m ²	Rate only	R30,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1043	Horizontal bulkheads suspended exceeding 1m and not exceeding 2m below concrete soffits	m ²	Rate only	R50,00
H.1.B. 1044	Opening for sprinkler head	no	Rate only	R75,00
H.1.B. 1045	Extra over ceiling for opening for 75mm diameter downlighter	no	Rate only	R125,00
H.1.B. 1046	Extra over ceiling for opening for 180mm diameter downlighter	no	Rate only	R150,00
H.1.B. 1047	Extra over ceiling for opening for 600 x 1200mm light fitting	no	Rate only	R85,00
H.1.B. 1048	Extra over ceiling for 600 x 600mm opening for ventilation/air conditioning diffuser	no	Rate only	R85,00
H.1.B. 1049	PARTITIONS ETC.			
H.1.B. 1050	Rhino-Drywall partition systems			
H.1.B. 1051	BPB Gypsum GypRoc Standard - 40 db (½ hour fire rating) Ultrasteel Stud Drywall consisting of stud and track system with 51mm Drywall Ultrasteel studs positioned at 600mm centres fixed into 51mm wide top and bottom track clad on both sides with 12,5mm thick taper edged Rhinoboard fixed with 25mm Drywall screws at 220mm centres and all corners fixed with Drywall Corner beads and all joints to be taped and jointed as per manufacture's specifications.			
H.1.B. 1052	Partitioning 2100mm high with bottom track plugged and free top track	m	Rate only	R450,00
H.1.B. 1053	Partitioning 3000mm high with bottom track plugged and top track fixed to suspended ceiling tees	m	Rate only	R600,00
H.1.B. 1054	Partitioning 3600mm high with bottom track plugged and top track fixed to suspended ceiling tees	m	Rate only	R750,00
H.1.B. 1055	Partition 3000mm high with top and bottom tracks plugged and glazing in lieu of boarding 1,1m high at 1,0m above floor level framed all round with "Drywall" aluminium glazing sections and divided into panels with aluminium mullions at 1,2m centres with each panel glazed with 4mm clear float glass including neoprene glazing gaskets	m	Rate only	R750,00
H.1.B. 1056	Extra over partition 2100mm. high for vertical abutment	no	Rate only	R75,00
H.1.B. 1057	Extra over partition 2100mm. high for corner	no	Rate only	R75,00
H.1.B. 1058	Extra over partition 2100mm. high for T - intersection	no	Rate only	R75,00
H.1.B. 1059	Extra over partition 2100mm. high for fair end	no	Rate only	R75,00
H.1.B. 1060	Extra over partition 3000mm. high for vertical abutment	no	Rate only	R75,00
H.1.B. 1061	Extra over partition 3000mm. high for corner	no	Rate only	R75,00
H.1.B. 1062	Extra over partition 3000mm. high for T - intersection	no	Rate only	R75,00
H.1.B. 1063	Extra over partition 3000mm. high for fair end	no	Rate only	R75,00
H.1.B. 1064	Extra over partition 3600mm. high for vertical abutment	no	Rate only	R75,00
H.1.B. 1065	Extra over partition 3600mm. high for corner	no	Rate only	R75,00
H.1.B. 1066	Extra over partition 3600mm. high for T - intersection	no	Rate only	R75,00
H.1.B. 1067	Extra over partition 3600mm. high for fair end	no	Rate only	R75,00
H.1.B. 1068	Doors			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1069	Extra over partition for 40mm semi-solid flush door 762 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	Rate only	R1 500,00
H.1.B. 1070	Extra over partition for 40mm semi-solid flush door 813 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	Rate only	R1 800,00
H.1.B. 1071	Extra over partition for 40mm semi-solid flush double door 1510 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with three pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	Rate only	R2 100,00
H.1.B. 1072	Extra over partition for 40mm semi-solid flush door 813 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with one pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	Rate only	R1 950,00
H.1.B. 1073	Extra over partition for 40mm semi-solid flush double door 1510 x 2032mm high with commercial veneer on both sides and hardwood edge strips to vertical edges hung to and including standard natural anodised aluminium door frame with three pair of 100mm nylon washered aluminium hinges and additional studding, trimming, etc	no	Rate only	R2 100,00
H.1.B. 1074	Insulation			
H.1.B. 1075	75mm Thick "Isotherm" thermal insulation blanket in cavity of partitioning	m ²	Rate only	R55,00
H.1.B. 1076	TOILET PARTITIONS			
H.1.B. 1077	Note :			
H.1.B. 1078	All toilet partitions are to be manufactured in a one-piece construction. No horizontal or vertical joints will be permitted			
H.1.B. 1079	"Vitraflex" toilet partitioning with 20mm thick vitreous enamelled steel sheet faced particle board bonded panels and natural anodised aluminium edging and top rails including fixing components and standard ironmongery comprising of indicator bolts, coat			
H.1.B. 1080	Partition 800 X 2000mm high	no	Rate only	R600,00
H.1.B. 1081	Partition 900 X 2000mm high	no	Rate only	R750,00
H.1.B. 1082	Partition 1200 X 2000mm high	no	Rate only	R1 200,00
H.1.B. 1083	Partition 1800 X 2000mm high	no	Rate only	R1 300,00
H.1.B. 1084	Full stile 200 X 2000mm high	no	Rate only	R350,00
H.1.B. 1085	Wall stile 105mm wide x 2000mm high	no	Rate only	R250,00
H.1.B. 1086	End stile 140mm wide x 2000mm high	no	Rate only	R50,00
H.1.B. 1087	Door 794 x 1800mm high	no	Rate only	R1 500,00
H.1.B. 1088	SCHEDULE No. 9			
H.1.B. 1089	FLOOR COVERINGS, WALL LININGS, ETC.			
H.1.B. 1090	Laminated wooden floor			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1091	<u>8mm Brown Rhodesian teak mosaic wood floor boards or equally approved</u>			
H.1.B. 1092	On floors	m ²	Rate only	R250,00
H.1.B. 1093	<u>8mm Brown Rhodesian teak mosaic wood blocks or equally approved</u>			
H.1.B. 1094	On floors	m ²	Rate only	R245,00
H.1.B. 1095	On treads and risers of stairs	m ²	Rate only	R245,00
H.1.B. 1096	<u>Sundries</u>			
H.1.B. 1097	Sanding and sealing to floors	m ²	Rate only	R25,00
H.1.B. 1098	<u>220 x 73 x 19mm Brown Rhodesian teak mosaic wood blocks in herringbone pattern or equally approved</u>			
H.1.B. 1099	On floors	m ²	Rate only	R235,00
H.1.B. 1100	On treads and risers of stairs	m ²	Rate only	R235,00
H.1.B. 1101	<u>300 x 300 x 2,5mm "Floorflex" semi-flexible vinyl tiles</u>			
H.1.B. 1102	On floors	m ²	Rate only	R185,00
H.1.B. 1103	On treads and risers of stairs	m ²	Rate only	R185,00
H.1.B. 1104	Margins and borders not exceeding 500mm wide	m	Rate only	R25,00
H.1.B. 1105	Turn-ups over coves and up against walls not exceeding 500mm girth	m	Rate only	R25,00
H.1.B. 1106	Inserts 150mm wide of differing colour	m	Rate only	R15,00
H.1.B. 1107	Circular cutting	m	Rate only	R10,00
H.1.B. 1108	<u>300 x 300 x 2,5mm "Superflex" fully-flexible vinyl tiles</u>			
H.1.B. 1109	On floors	m ²	Rate only	R185,00
H.1.B. 1110	On treads and risers of stairs	m ²	Rate only	R185,00
H.1.B. 1111	Margins and borders not exceeding 500mm wide	m	Rate only	R25,00
H.1.B. 1112	Turn-ups over coves and up against walls not exceeding 500mm girth	m	Rate only	R25,00
H.1.B. 1113	Inserts 150mm wide of differing colour	m	Rate only	R15,00
H.1.B. 1114	Circular cutting	m	Rate only	R10,00
H.1.B. 1115	<u>2,5mm. "Superflex" fully flexible vinyl sheeting with welded joints complete</u>			
H.1.B. 1116	On floors	m ²	Rate only	R185,00
H.1.B. 1117	On treads and risers of stairs	m ²	Rate only	R185,00
H.1.B. 1118	Margins and borders not exceeding 500mm wide	m	Rate only	R25,00
H.1.B. 1119	Turn-ups over coves and up against walls not exceeding 500mm girth	m	Rate only	R25,00
H.1.B. 1120	Inserts 150mm wide of differing colour	m	Rate only	R15,00
H.1.B. 1121	Circular cutting	m	Rate only	R10,00
H.1.B. 1122	<u>3,5mm. "Industrial Floor" non - slip flexible vinyl sheeting with welded joints</u>			
H.1.B. 1123	On floors	m ²	Rate only	R250,00
H.1.B. 1124	<u>Sundries</u>			
H.1.B. 1125	Self-levelling screed	m ²	Rate only	R45,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1126	Aluminium metal door strips	m	Rate only	R15,00
H.1.B. 1127	Steam cleaning to carpets	m ²	Rate only	R35,00
H.1.B. 1128	WALL LININGS			
H.1.B. 1129	1,25mm. "Superflex" fully flexible vinyl sheeting with welded joints			
H.1.B. 1130	On walls	m ²	Rate only	R250,00
H.1.B. 1131	"Floorworx Extruda"			
H.1.B. 1132	25mm MES25 edge strip	m	Rate only	R25,00
H.1.B. 1133	25 x 2.5mm MPT25 edge trim	m	Rate only	R25,00
H.1.B. 1134	70 x 10mm MCB70 vinyl skirting	m	Rate only	R30,00
H.1.B. 1135	100 x 14mm MCB100 vinyl skirting	m	Rate only	R30,00
H.1.B. 1136	100 x 50mm MFE5 vinyl hospital skirting	m	Rate only	R35,00
H.1.B. 1137	35 x 14mm MCF54 vinyl coved fillet	m	Rate only	R30,00
H.1.B. 1138	75 x 10mm MSN100 vinyl stairnosing	m	Rate only	R30,00
H.1.B. 1139	"Floorworx Intrad Wall and Corner Protection" All to be installed strictly in accordance to manufacturer's instructions			
H.1.B. 1140	Wall protector of 200 x 29mm TR200 high impact resistant uPVC extruded lip channel profile complete with 25mm wide uPVC brackets TRP200 at 400mm max. centres plugged to wall and uPVC joining blocks TRJ200 as required	m	Rate only	R15,00
H.1.B. 1141	Extra over lip channel for uPVC external corner TRE200	no	Rate only	R30,00
H.1.B. 1142	Extra over lip channel for uPVC stopend TRS200	no	Rate only	R40,00
H.1.B. 1143	Corner protector of 70 x 70 x 1.2mm thick CP1200 high impact resistant uPVC extruded angular profile	m	Rate only	R170,00
H.1.B. 1144	POLISH, SEALERS, ETC.			
H.1.B. 1145	Polish, Sealers, etc			
H.1.B. 1146	2 coats wax polish on vinyl flooring	m ²	Rate only	R35,00
H.1.B. 1147	Strip and seal on vinyl flooring	m ²	Rate only	R25,00
H.1.B. 1148	EXPANSION JOINTS			
H.1.B. 1149	"Floorworx Intrad Wall and Corner Protection" All to be installed strictly in accordance to manufacturer's instructions			
H.1.B. 1150	Floor expansion joint with aluminium extruded T-section profile complete with rubber plugged to wall, floors, etc TRJ200 as required	m	Rate only	R10,00
H.1.B. 1151	SCHEDULE No. 10			
H.1.B. 1152	IRONMONGERY			
H.1.B. 1153	SUPPLEMENTARY PREAMBLES			
H.1.B. 1154	Finishers to ironmongery			
H.1.B. 1155	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list :			
H.1.B. 1156	BS Satin bronze lacquered			
H.1.B. 1157	CH Chromium plated			
H.1.B. 1158	SC Satin chromium plated			
H.1.B. 1159	SE Silver enamelled			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1160	GE Grey enamelled			
H.1.B. 1161	AS Anodised silver			
H.1.B. 1162	AB Anodised bronze			
H.1.B. 1163	AG Anodised gold			
H.1.B. 1164	ABL Anodised black			
H.1.B. 1165	PB Polished brass			
H.1.B. 1166	PL Polished and lacquered			
H.1.B. 1167	PT Epoxy coated			
H.1.B. 1168	SD Sanded			
H.1.B. 1169	HINGES, BOLTS, ETC.			
H.1.B. 1170	"Union" or equal and approved fixed to timber			
H.1.B. 1171	100mm steel hinge	no	Rate only	R25,00
H.1.B. 1172	100mm brass barrel bolt with keep fixed to metal	no	Rate only	R25,00
H.1.B. 1173	WC chrome plated indicator bolt	no	Rate only	R85,00
H.1.B. 1174	Emergency exit panic bolt for single door 2032mm high	no	Rate only	R120,00
H.1.B. 1175	Emergency exit panic bolt for 1220mm wide door, 2032mm high	no	Rate only	R150,00
H.1.B. 1176	Emergency exit panic bolt for double door 2032mm high	no	Rate only	R155,00
H.1.B. 1177	CATCHES, CABIN HOOKS, ETC			
H.1.B. 1178	Brass window catch to side hung sash	no	Rate only	R15,00
H.1.B. 1179	Brass window stay to side hung sash	no	Rate only	R15,00
H.1.B. 1180	Brass window combination stay and fastener size 300mm	no	Rate only	R15,00
H.1.B. 1181	Brass window fanlight stay and fastener size 300mm	no	Rate only	R15,00
H.1.B. 1182	Brass window sliding stays outwards size 300mm	no	Rate only	R20,00
H.1.B. 1183	Brass window telescopic stays size 300mm	no	Rate only	R20,00
H.1.B. 1184	Brass window roller stay size 300mm	no	Rate only	R20,00
H.1.B. 1185	Brass window casement stay size 300mm	no	Rate only	R20,00
H.1.B. 1186	Brass window sash hook with wooden stick	no	Rate only	R20,00
H.1.B. 1187	Chromium-plated window pe stay	no	Rate only	R25,00
H.1.B. 1188	Chromium plated window sliding stay	no	Rate only	R25,00
H.1.B. 1189	Chromium-plated window spring catch	no	Rate only	R25,00
H.1.B. 1190	Chromium-plated window peg for stay	no	Rate only	R25,00
H.1.B. 1191	Brass window spring catch	no	Rate only	R45,00
H.1.B. 1192	Cupboard fastener	no	Rate only	R25,00
H.1.B. 1193	100mm Brass cabin hook and eye	no	Rate only	R150,00
H.1.B. 1194	Brass window handle	no	Rate only	R120,00
H.1.B. 1195	LOCKS			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1196	<u>"Union" or equal and approved fixed to timber</u>			
H.1.B. 1197	Two lever lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R250,00
H.1.B. 1198	Three lever lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R250,00
H.1.B. 1199	Four lever lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R275,00
H.1.B. 1200	Double cylinder lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R280,00
H.1.B. 1201	Oval knob cylinder lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R285,00
H.1.B. 1202	Oval half knob cylinder lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R250,00
H.1.B. 1203	Cylinder deadlockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R250,00
H.1.B. 1204	Emergency exit lockset (2 Keys) with striking plate fixed to metal.	no	Rate only	R255,00
H.1.B. 1205	Master key	no	Rate only	R350,00
H.1.B. 1206	<u>HANDLES, ETC.</u>			
H.1.B. 1207	<u>"IW" or equal and approved fixed to timber</u>			
H.1.B. 1208	Dove pull handle for dead lock on 150 x 150mm backplate	no	Rate only	R350,00
H.1.B. 1209	Set of two "IW 1320" 300mm,25mm diameter Dove pull handles fixed back to back	no	Rate only	R290,00
H.1.B. 1210	Set of two "IW 1320" 300mm,32mm diameter Dove pull handles fixed back to back	no	Rate only	R450,00
H.1.B. 1211	Set of two lever handles Ref "IW 1212/62/06" fixed back to back	no	Rate only	R455,00
H.1.B. 1212	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/06" fixed back to back	no	Rate only	R450,00
H.1.B. 1213	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/05" fixed back to back	no	Rate only	R450,00
H.1.B. 1214	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/13" fixed back to back	no	Rate only	R450,00
H.1.B. 1215	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/62/24" fixed back to back	no	Rate only	R450,00
H.1.B. 1216	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/06" fixed back to back	no	Rate only	R450,00
H.1.B. 1217	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/05" fixed back to back	no	Rate only	R450,00
H.1.B. 1218	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/13" fixed back to back	no	Rate only	R455,00
H.1.B. 1219	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/63/24" fixed back to back	no	Rate only	R455,00
H.1.B. 1220	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/06" fixed back to back	no	Rate only	R455,00
H.1.B. 1221	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/05" fixed back to back	no	Rate only	R450,00
H.1.B. 1222	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/13" fixed back to back	no	Rate only	R450,00
H.1.B. 1223	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/66/24" fixed back to back	no	Rate only	R455,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1224	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/06" fixed back to back	no	Rate only	R455,00
H.1.B. 1225	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/05" fixed back to back	no	Rate only	R455,00
H.1.B. 1226	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/13" fixed back to back	no	Rate only	R455,00
H.1.B. 1227	Set of two lever handles with 3mm aluminium backplates Ref "IW 1212/67/24" fixed back to back	no	Rate only	R455,00
H.1.B. 1228	Euro profile IW2051 double cylinder lockset comprising IW1212/63/05 furniture and IW 2006 upright lockcase with striking plate	no	Rate only	R455,00
H.1.B. 1229	HINGES, BOLTS, ETC			
H.1.B. 1230	WC indicator lockset comprising Code IW2029 and Code IW2030 upright lock with striking plate	no	Rate only	R460,00
H.1.B. 1231	BATHROOM FITTINGS			
H.1.B. 1232	"Bristell" or equally approved			
H.1.B. 1233	32mm "Bristell Type BGR1" back grab rail 600mm long plugged	no	Rate only	R190,00
H.1.B. 1234	32mm "Bristell Type BGR2A" side grab rail 600mm long plugged	no	Rate only	R190,00
H.1.B. 1235	SUNDRIES			
H.1.B. 1236	"IW" or equal and approved fixed to timber			
H.1.B. 1237	Code No "IW5002SC" door stop plugged	no	Rate only	R25,00
H.1.B. 1238	Code No "IW5032AL" hat and coat hook with rubber tip	no	Rate only	R65,00
H.1.B. 1239	Code No "IW5042AL" hat and coat hook	no	Rate only	R65,00
H.1.B. 1240	PUSH PLATES AND KICKING PLATES			
H.1.B. 1241	"Union" or Simial Approved			
H.1.B. 1242	200 x 800 x 2mm thick AL5089-200W aluminium push plate	no	Rate only	R210,00
H.1.B. 1243	200 x 800 x 1,6mm thick SS5089-200W stainless steel push plate	no	Rate only	R210,00
H.1.B. 1244	400 x 800 x 2mm thick AL5089-400W aluminium kick plate	no	Rate only	R210,00
H.1.B. 1245	400 x 800 x 1,6mm thick SS5089-400W stainless steel kick plate	no	Rate only	R210,00
H.1.B. 1246	DOOR CLOSERS			
H.1.B. 1247	"Union" or Simialr approved			
H.1.B. 1248	Heavy duty regular arm door closer with bracket fixed to metal.	no	Rate only	R800,00
H.1.B. 1249	Heavy duty parallel arm door closer with bracket fixed to metal.	no	Rate only	R800,00
H.1.B. 1250	Heavy duty hold open arm door closer with bracket fixed to metal.	no	Rate only	R750,00
H.1.B. 1251	Regular arm door closer with bracket fixed to metal.	no	Rate only	R800,00
H.1.B. 1252	Parallel arm door closer with bracket fixed to metal.	no	Rate only	R800,00
H.1.B. 1253	Heavy duty double action floor spring Ref. No 762 with top centre.	no	Rate only	R650,00
H.1.B. 1254	Heavy duty single action floor spring.	no	Rate only	R550,00
H.1.B. 1255	Regular duty double action floor spring with top centre and bottom strap.	no	Rate only	R250,00
H.1.B. 1256	Phantom sliding gear set for single door with track 1.8m long fixed to wall including brackets, hangers, rollers, guides, stops, etc.	no	Rate only	R550,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1257	Husky 50 sliding gear set for double leaf door with track 3.2m long fixed to wall including brackets, hangers, rollers, guides, stops, etc	no	Rate only	R600,00
H.1.B. 1258	Phantom sliding gear set for single door with track 1,8m long fixed to wall including brackets, hangers, rollers, guides, stops, etc	no	Rate only	R900,00
H.1.B. 1259	Husky 50 sliding gear set for double leaf door with track 3,2m long fixed to wall including brackets, hangers, rollers, guides, stops, etc	no	Rate only	R650,00
H.1.B. 1260	<u>PELMETS AND CERTAIN TRACKS</u>			
H.1.B. 1261	<u>"Kirsch" or Similar approved</u>			
H.1.B. 1262	Cheney pressed steel pelmet 120mm high with 150mm projection including double track with 12 rollers per meter, brackets, returned ends, etc. plugged	m	Rate only	R165,00
H.1.B. 1263	Regular duty C-profile double curtain steel track for face fixing with 100mm projection including 14 rollers per meter, brackets, stopped ends, etc. plugged	m	Rate only	R125,00
H.1.B. 1264	Regular duty C-profile single curtain steel track for face fixing with 100mm projection including 14 rollers per meter, brackets, stopped ends, etc. plugged	m	Rate only	R125,00
H.1.B. 1265	Standard type curtain rails	m	Rate only	R65,00
H.1.B. 1266	Heavy duty extruded aluminium double curtain steel track for face fixing with 125mm projection including 14 rollers per meter, brackets, stopped ends, etc. plugged	m	Rate only	R55,00
H.1.B. 1267	Forwin hospital cubicle track 1.0m below soffit including 12 gliders per meter, hangers, brackets, stopped ends, etc. plugged	m	Rate only	R55,00
H.1.B. 1268	Extra for bend	no	Rate only	R25,00
H.1.B. 1269	Cheney pressed steel pelmet 120mm high with 150 projection including double curtain track with 12 rollers per meter, brackets, returned ends, etc plugged	m	Rate only	R45,00
H.1.B. 1270	Regular duty C-profile double curtain steel track for face fixing with 100mm projection including 14 rollers per meter, brackets, stopped ends, etc plugged	m	Rate only	R40,00
H.1.B. 1271	Heavy duty extruded aluminium double curtain track for face fixing with 125mm projection including 14 rollers per meter, brackets, stopped ends, etc plugged	m	Rate only	R40,00
H.1.B. 1272	Forwin hospital cubicle track 1,0m below soffit including 12 gliders per meter, hangers, brackets, stopped ends, etc plugged	m	Rate only	R45,00
H.1.B. 1273	Extra over hospital cubicle track for end plugged	no	Rate only	R10,00
H.1.B. 1274	Extra over hospital cubicle track for bend	no	Rate only	R10,00
H.1.B. 1275	Extra over hospital cubicle track for joint at bend	no	Rate only	R10,00
H.1.B. 1276	<u>BATHROOM FITTINGS</u>			
H.1.B. 1277	<u>"Halcast" or Similar approved</u>			
H.1.B. 1278	20mm Diameter chromium plated curtain or hanging rail 900mm long including end flange brackets.	no	Rate only	R150,00
H.1.B. 1279	20mm Diameter chromium plated towel rail 600mm long including end brackets.	no	Rate only	R150,00
H.1.B. 1280	20mm Diameter chromium plated towel rail 900mm long including end brackets Ref 261CH plugged	no	Rate only	R150,00
H.1.B. 1281	Towel ring chromium plated Ref 165CH plugged	no	Rate only	R120,00
H.1.B. 1282	20mm. diameter chromium plated curtain or hanging rail 900mm. Long including end flange brackets Ref. 374CH plugged	no	Rate only	R150,00
H.1.B. 1283	20mm. diameter chromium plated towel rail 600mm. Long including end brackets Ref. 261CH plugged	no	Rate only	R150,00
H.1.B. 1284	20mm. diameter chromium plated towel rail 900mm. Long including end brackets Ref. 261CH plugged	no	Rate only	R150,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1285	Towel ring chromium plated Ref 165CH plugged	no	Rate only	R95,00
H.1.B. 1286	Toilet roll holder chromium plated thief proof Ref. 366SCH plugged	no	Rate only	R150,00
H.1.B. 1287	Basket type soap dish chromium plated Ref. 377CH plugged	no	Rate only	R250,00
H.1.B. 1288	"Kwakhle Hygiene" or equal and approved			
H.1.B. 1289	Lockable and vandal resistant white powder coated metal roll holder Ref TR3W	no	Rate only	R95,00
H.1.B. 1290	ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white	no	Rate only	R95,00
H.1.B. 1291	ABS construction lockable Reflex Paper Dispenser with viewing window in colour white	no	Rate only	R122,00
H.1.B. 1292	ABS construction Wastecare 40litre Multiliner Disposer wall mounted waste bin in colour white	no	Rate only	R300,00
H.1.B. 1293	ABS construction 950ml Soap Dispenser in colour white	no	Rate only	R150,00
H.1.B. 1294	Stainless steel 950ml vandal and theft resistant Soap Dispenser	no	Rate only	R150,00
H.1.B. 1295	Lockable and vandal resistant white powder coated metal toilet roll holder Ref. TR3W plugged	no	Rate only	R200,00
H.1.B. 1296	Lockable and vandal resistant white powder coated metal toilet roll holder Ref. TR2W plugged	no	Rate only	R150,00
H.1.B. 1297	Lockable and vandal resistant chromium plated toilet roll holder Ref. TR3CH plugged	no	Rate only	R150,00
H.1.B. 1298	Lockable and vandal resistant chromium plated toilet roll holder Ref. TR2CH plugged	no	Rate only	R150,00
H.1.B. 1299	ABS construction lockable Roll Control Paper Dispenser with viewing window in colour white	no	Rate only	R95,00
H.1.B. 1300	ABS construction lockable Reflex Paper Dispenser with viewing window in colour white	no	Rate only	R95,00
H.1.B. 1301	ABS construction Wastecare 40 litre Multiliner Disposer wall mounted waste bin in colour White	no	Rate only	R265,00
H.1.B. 1302	ABS construction 950 ml Soap Dispenser in colour white	no	Rate only	R150,00
H.1.B. 1303	Stainless steel 950 ml vandal and theft resistant Soap Dispenser	no	Rate only	R150,00
H.1.B. 1304	SUNDRIES			
H.1.B. 1305	"Union" OR Similar approved			
H.1.B. 1306	Rubber door stop plugged Ref. No	no	Rate only	R20,00
H.1.B. 1307	Door stop	no	Rate only	R20,00
H.1.B. 1308	Hat and coat hook	no	Rate only	R195,00
H.1.B. 1309	Guardsman Baseline Locker 300 x 450 x 1800mm high Code GB004	no	Rate only	R165,00
H.1.B. 1310	Extra for bolting lockers together	no	Rate only	R20,00
H.1.B. 1311	Turnstile and Locking Exit Gate			
H.1.B. 1312	Stainless steel one-way entrance turnstile	no	Rate only	R200,00
H.1.B. 1313	Single locking exit gate	no	Rate only	R450,00
H.1.B. 1314	Infra-red beam system			
H.1.B. 1315	Infra-red beam system	no	Rate only	R450,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1316	<u>TOILET BINS</u>			
H.1.B. 1317	<u>Stainless steel</u>			
H.1.B. 1318	<u>"FRANKE" or equally approved</u>			
H.1.B. 1319	Half moon wall mounted bin size 330 x 450 x 180mm	no	Rate only	R350,00
H.1.B. 1320	<u>SCHEDULE No. 11</u>			
H.1.B. 1321	<u>METALWORK</u>			
H.1.B. 1322	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 1323	<u>Descriptions</u>			
H.1.B. 1324	Descriptions of bolts shall be deemed to include nuts and washers			
H.1.B. 1325	Descriptions of expansion anchors and bolts an chemical anchors and bolts shall be deemed to include nuts, washers and mortises in brickwork or concrete			
H.1.B. 1326	Metalwork described as "holed for bolts(s)" shall be deemed to exclude the bolts unless otherwise described			
H.1.B. 1327	<u>STEEL HANDRAILS, BALUSTRADES, ETC</u>			
H.1.B. 1328	<u>Welded handrail to mild steel</u>			
H.1.B. 1329	80 x 40 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	Rate only	R45,00
H.1.B. 1330	38 x 38 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	Rate only	R35,00
H.1.B. 1331	76mm diameter 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	Rate only	R40,00
H.1.B. 1332	38mm diameter 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	Rate only	R45,00
H.1.B. 1333	6mm expansion bolt	no	Rate only	R20,00
H.1.B. 1334	8mm expansion bolt	no	Rate only	R30,00
H.1.B. 1335	10mm expansion bolt	no	Rate only	R40,00
H.1.B. 1336	<u>Welded balustrading to mild steel</u>			
H.1.B. 1337	Raking balustrading to staircase or ramp of 80 x 40 x 2mm hollow section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat section base plate twice holed for bolts	m	Rate only	R255,00
H.1.B. 1338	Raking balustrading to staircase or ramp of 50 x 10mm flat section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat section base plate twice holed for bolts	m	Rate only	R255,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1339	Balustrading of 50 x 10mm flat section continuous top rail, 40 x 10mm flat section continuous bottom rail, 12mm square bar section intermediate balusters at 125mm centres between to and bottom rails and 38 x 38 x 2mm hollow section post at approximately 1200mm centres each with 120 x 50 x 8mm flat section base plate twice holed for bolts	m	Rate only	R300,00
H.1.B. 1340	<u>Welded balustrading to stainless steel</u>			
H.1.B. 1341	Grade 304 stainless steel polished horizontal balustrading to walkways or landings comprising 90° top mounted stanchions at 1,5m centres with top and knee rails of straight tube, with 90° closure, all necessary bends and slip joints, the stanchions to be bolted in position with 45mm long M16 expanding bolts with nuts and washers and the sections of tube to be joined with slip joints and welded inside the stanchion balls.	m	Rate only	R200,00
H.1.B. 1342	Grade 304 stainless steel polished raking balustrading to staircases comprising 30° step top mounted stanchions at 1,5m centres with top and knee rails of straight tube, with 30° closure, all necessary bends and slip joints, the stanchions to be bolted in position with 45mm long M16 expanding bolts with nuts and washers and the sections of tube to be joined with slip joints and welded inside the stanchion balls.	m	Rate only	R205,00
H.1.B. 1343	<u>SUNDRY STEELWORK</u>			
H.1.B. 1344	<u>Bolts</u>			
H.1.B. 1345	Bolts(Provisional)	kg	Rate only	R200,00
H.1.B. 1346	<u>Corner protectors</u>			
H.1.B. 1347	60 x 60 x 6mm angle section corner protectors in varying lengths twice screwed to brickwork of concrete a 500mm centres	m	Rate only	R50,00
H.1.B. 1348	40 x 40 x 2mm angle section corner protectors in varying lengths twice screwed to brickwork of concrete a 500mm centres	m	Rate only	R45,00
H.1.B. 1349	<u>Welded guard,bump rails, etc</u>			
H.1.B. 1350	80 x 40 x 2,0mm hollow section continuous rails with flat closed ends welded to bracket, formed of 25mm diameter bar 100mm girth once bent to 50mm internal radius, at approximately 1200mm centres each with 80mm diameter by 6mm thick plate twice holed for bolts	m	Rate only	R150,00
H.1.B. 1351	30 x 30 x 3mm Angle section bracing	m	Rate only	R110,00
H.1.B. 1352	<u>WELDED SCREENS, GATES, ETC</u>			
H.1.B. 1353	<u>Taking out and replacing screens and gates to doors</u>			
H.1.B. 1354	Single gate 810 x 2066mm high of 50 x 50 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with three suitable hinges welded to post and a "Union" LX 3261 security gate lock box between middle rails	no	Rate only	R1 500,00
H.1.B. 1355	Single gate 810 x 2066mm high of 32 x 32 x2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with three suitable hinges welded to post and a "Union" LX 3261 security gate lock box between middle rails	no	Rate only	R1 550,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1356	Double gate with two single leaves 1620 x 2066mm high of 50 x 50 x 2,5mm hollow section frame and two 50 x 50 x 2,5mm hollow section horizontal middle rails filled in with 20mm diameter solid vertical round bars at 89mm centres framed through middle rails and into framing and fitted with six suitable hinges welded to posts and a "Union" LX 3261 security gate lock box between middle rails including conversion set.	no	Rate only	R2 350,00
H.1.B. 1357	Steel wire expanded mesh burglar proofing not exceeding 1,0m ² bolted to brickwork	no	Rate only	R600,00
H.1.B. 1358	Steel wire expanded mesh burglar proofing exceeding 1,0m ² and not exceeding 2,0m ² bolted to brickwork	no	Rate only	R650,00
H.1.B. 1359	Steel wire mesh burglar proofing exceeding 2,0m ² and not exceeding 3,0m ² bolted to brickwork	no	Rate only	R750,00
H.1.B. 1360	Steel round, square, etc burglar proofing not exceeding 1,0m ² bolted to brickwork	no	Rate only	R600,00
H.1.B. 1361	Steel round, square, etc burglar proofing exceeding 1,0m ² and not exceeding 2,0m ² bolted to brickwork	no	Rate only	R750,00
H.1.B. 1362	Steel round, square, etc burglar proofing exceeding 2,0m ² and not exceeding 3,0m ² bolted to brickwork	no	Rate only	R800,00
H.1.B. 1363	Steel round, square, etc burglar proofing not exceeding 1,0m ² welded to brickwork	no	Rate only	R600,00
H.1.B. 1364	Steel round, square, etc burglar proofing exceeding 1,0m ² and not exceeding 2,0m ² welded to brickwork	no	Rate only	R750,00
H.1.B. 1365	Steel round, square, etc burglar proofing exceeding 2,0m ² and not exceeding 3,0m ² welded to brickwork	no	Rate only	R800,00
H.1.B. 1366	Steel round, square, etc burglar proofing, perimeter fencing, 1800mm high welded to steel	m	Rate only	R900,00
H.1.B. 1367	Steel round, square, etc burglar proofing, perimeter fencing, 2100mm high welded to steel	m	Rate only	R950,00
H.1.B. 1368	RETRACTABLE SECURITY GATES AND SCREENS			
H.1.B. 1369	"TRELLIDOR" or equally approved			
H.1.B. 1370	Security "slamlock" gate size 900 x 2032mm high	no	Rate only	R1 200,00
H.1.B. 1371	Security "slamlock" gate size 1150 x 2032mm high	no	Rate only	R1 300,00
H.1.B. 1372	Security "slamlock" gate size 1300 x 2032mm high	no	Rate only	R1 800,00
H.1.B. 1373	Screen fencing 6,0m high formed of eleven 3.15mm galvanised straining wires passed through posts and tied to end posts covered with 50 x 2,5mm fully galvanised diamond mesh fixed with 1,6mm galvanised binding wire to straining wires, posts, rails, etc (framework elsewhere measured)	m	Rate only	R2 000,00
H.1.B. 1374	76,2mm diameter 2,5mm thick pipe, rail, post, etc	m	Rate only	R65,00
H.1.B. 1375	Extra over for closed end	no	Rate only	R50,00
H.1.B. 1376	Extra over for mitred and welded L-intersection	no	Rate only	R55,00
H.1.B. 1377	48,5mm diameter 2,5mm thick pipe, rail, post, etc	m	Rate only	R55,00
H.1.B. 1378	Extra over for closed end	no	Rate only	R55,00
H.1.B. 1379	Extra over for mitred and welded L-intersection	no	Rate only	R55,00
H.1.B. 1380	Extra over post for closed end	no	Rate only	R55,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1381	76,2mm diameter 2,5mm thick post 7,2m long with closed top end, 230 x 230 x 5mm base plate welded on and cast in 500 x 500 x 1000mm 20MPa/20mm concrete including excavations	no	Rate only	R650,00
H.1.B. 1382	<u>PRESSED STEEL DOOR FRAMES</u>			
H.1.B. 1383	<u>1,2mm. Rebated frame suitable for half brick wall</u>			
H.1.B. 1384	Frame for door size 762 x 2032mm. high	no	Rate only	R1 100,00
H.1.B. 1385	Frame for door size 813 x 2032mm. high	no	Rate only	R1 250,00
H.1.B. 1386	Frame for door size 900 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 1387	Frame for double door size 1359 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 1388	Frame for double door size 1511 x 2032mm. high	no	Rate only	R2 100,00
H.1.B. 1389	Frame for double door size 1613 x 2032mm. high	no	Rate only	R2 500,00
H.1.B. 1390	<u>1,2mm. Rebated frame suitable one brick wall</u>			
H.1.B. 1391	Frame for door size 762 x 2032mm. high	no	Rate only	R1 100,00
H.1.B. 1392	Frame for door size 813 x 2032mm. high	no	Rate only	R1 250,00
H.1.B. 1393	Frame for door size 900 x 2032mm. high	no	Rate only	R1 500,00
H.1.B. 1394	Frame for double door size 1359 x 2032mm. high	no	Rate only	R1 800,00
H.1.B. 1395	Frame for double door size 1511 x 2032mm. high	no	Rate only	R2 100,00
H.1.B. 1396	Frame for double door size 1613 x 2032mm. high	no	Rate only	R2 500,00
H.1.B. 1397	<u>PRESSED STEEL CUPBOARD DOOR FRAMES</u>			
H.1.B. 1398	<u>Standard cupboard door frame</u>			
H.1.B. 1399	Frame for door size 762 x 2032mm. high	no	Rate only	R1 100,00
H.1.B. 1400	Frame for door size 1511 x 2032mm. high	no	Rate only	R2 100,00
H.1.B. 1401	Type BV door 914 x 2134mm high with rebated frame suitable for one brick wall	no	Rate only	R1 500,00
H.1.B. 1402	Type CV door 1219 x 2134mm high with rebated frame suitable for one brick wall	no	Rate only	R1 900,00
H.1.B. 1403	Type HV door 1219 x 2438mm high with rebated frame suitable for one brick wall	no	Rate only	R2 500,00
H.1.B. 1404	Type YV double door 1524x 2438mm high with rebated frame suitable for one brick wall	no	Rate only	R2 600,00
H.1.B. 1405	Type YVV (vent top and bottom) double door 1524x 2438mm high with rebated frame suitable for one brick wall	no	Rate only	R2 600,00
H.1.B. 1406	Type DV double door 1830x 2438mm high with rebated frame suitable for one brick wall	no	Rate only	R2 800,00
H.1.B. 1407	Type DVV (vent top and bottom) double door 1830x 2438mm high with rebated frame suitable for one brick wall	no	Rate only	R2 800,00
H.1.B. 1408	<u>STEEL WINDOWS, DOORS, ETC.</u>			
H.1.B. 1409	<u>Standard residential windows with 10mm diameter mild steel burglar bars to opening sashes</u>			
H.1.B. 1410	Window type NE1 size 533 x 654mm. high	no	Rate only	R650,00
H.1.B. 1411	Window type NE2 size 1022 x 654mm. high	no	Rate only	R700,00
H.1.B. 1412	Window type NE4 size 1511 x 654mm. high	no	Rate only	R1 200,00
H.1.B. 1413	Window type NE11 size 2000 x 654mm. high	no	Rate only	R1 600,00
H.1.B. 1414	Window type E1H size 533 x 654mm. high	no	Rate only	R650,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1415	Window type E2H size 1022 x 654mm. high	no	Rate only	R700,00
H.1.B. 1416	Window type E4H size 1511 x 654mm. high	no	Rate only	R1 200,00
H.1.B. 1417	Window type E22 size 2000 x 654mm. high	no	Rate only	R1 800,00
H.1.B. 1418	Window type NC1 size 533 x 949mm. high	no	Rate only	R700,00
H.1.B. 1419	Window type NC2 size 1022 x 949mm. high	no	Rate only	R750,00
H.1.B. 1420	Window type NC4 size 1511 x 949mm. high	no	Rate only	R1 250,00
H.1.B. 1421	Window type NC11 size 2000 x 949mm. high	no	Rate only	R1 800,00
H.1.B. 1422	Window type C1H size 533 x 949mm. high	no	Rate only	R700,00
H.1.B. 1423	Window type C2H size 1022 x 949mm. high	no	Rate only	R750,00
H.1.B. 1424	Window type C4H size 1511 x 949mm. high	no	Rate only	R1 250,00
H.1.B. 1425	Window type ND1 size 533 x 1245mm. high	no	Rate only	R800,00
H.1.B. 1426	Window type ND2 size 1022 x 1245mm. high	no	Rate only	R750,00
H.1.B. 1427	Window type ND4 size 1511 x 1245mm. high	no	Rate only	R1 250,00
H.1.B. 1428	Window type ND11 size 2000 x 1245mm. high	no	Rate only	R1 850,00
H.1.B. 1429	Window type D1H size 533 x 1245mm. high	no	Rate only	R750,00
H.1.B. 1430	Window type D2H size 1022 x 1245mm. high	no	Rate only	R1 300,00
H.1.B. 1431	Window type D4H size 1511 x 1245mm. high	no	Rate only	R1 350,00
H.1.B. 1432	Window type NCT1S size 533 x 949mm. high	no	Rate only	R700,00
H.1.B. 1433	Window type NCTX7S size 1022 x 949mm. high	no	Rate only	R750,00
H.1.B. 1434	Window type NCTX7S5 size 1511 x 949mm. high	no	Rate only	R1 250,00
H.1.B. 1435	Window type TD7 size 1022 x 1245mm. high	no	Rate only	R1 250,00
H.1.B. 1436	Window type TD75 size 1511 x 1245mm. high	no	Rate only	R1 250,00
H.1.B. 1437	Window type TD57S8 size 2000 x 1559mm. high	no	Rate only	R1 850,00
H.1.B. 1438	Type ALU louvered unit 900 x 745mmmm high with double rebated frame suitable for one brick wall	no	Rate only	R2 000,00
H.1.B. 1439	Type BLU louvered unit 1590 x 745mmmm high with double rebated frame suitable for one brick wall	no	Rate only	R2 500,00
H.1.B. 1440	Single Pivot Door 890 - 920 x 1800mm high Code PD920 Colour white	no	Rate only	R2 000,00
H.1.B. 1441	Single Pivot Door 830 - 860 x 1800mm high Code PD860 Colour white	no	Rate only	R2 000,00
H.1.B. 1442	STEEL ROLLER SHUTTERS ETC.			
H.1.B. 1443	Taking out and replacing galvanised roller shutters fixed to brickwork or concrete			
H.1.B. 1444	Manual pushup 76mm slatted roller shutter for 2440 x 2135mm high opening	no	Rate only	R18 000,00
H.1.B. 1445	Manual pushup 76mm slatted roller shutter for 3000 x 2440mm high opening	no	Rate only	R25 000,00
H.1.B. 1446	Galvanized chain operated industrial roller shutter door with 75mm slats			
H.1.B. 1447	2750x2500mm High door	no	Rate only	R3 500,00
H.1.B. 1448	Pre-painted Chromadek roller shutters fixed to brickwork or concrete			
H.1.B. 1449	Manual push-up 76mm slatted roller shutter for 2440 x 2135mm high opening	no	Rate only	R18 000,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1450	Manual pushup 76mm slatted roller shutter for 3000 x 2440mm high opening	no	Rate only	R25 000,00
H.1.B. 1451	Extra over manual pushup roller shutter for electrically operated complete with one transmitter and battery back-up	no	Rate only	R1 500,00
H.1.B. 1452	GRILLES			
H.1.B. 1453	Aluminium grilles			
H.1.B. 1454	Grille size 400 x 300mm high	no	Rate only	R950,00
H.1.B. 1455	Mild Steel grilles			
H.1.B. 1456	Grille size 400 x 300mm high	no	Rate only	R500,00
H.1.B. 1457	Grille size 600 x500mm high	no	Rate only	R750,00
H.1.B. 1458	Type DS1 6mm record room door with 7-lever security key lock and 3-wheel combination lock , overall size 750 x 1870mm high with a mass of 130kg finished in rustproof undercoat for final painting by contractors.	no	Rate only	R2 500,00
H.1.B. 1459	Type DS50/2 SABS Category 2 (Light Duty) strongroom door with 2 x 7-lever security key lock and 3-wheel combination lock , overall size 760 x 1860mm high with a mass of 480kg finished in rustproof undercoat for final painting by contractors.	no	Rate only	R2 500,00
H.1.B. 1460	Grille size 400 x 300mm high	no	Rate only	R500,00
H.1.B. 1461	Grille size 600 x500mm high	no	Rate only	R750,00
H.1.B. 1462	Model RMS1 SABS Category 2 dropsafe with 2 x 7-lever security key lock and one key lock on deposit drawer, overall size 450 x 450 x 700mm high with a mass of 260Kg twice holed for and including bolting to floor	no	Rate only	R2 500,00
H.1.B. 1463	Grille size 600 x500mm high			R750,00
H.1.B. 1464	Gratings			
H.1.B. 1465	Galvanised steel			
H.1.B. 1466	"Open Ended System Mentis" rectagrid grating size 3000x1000mm cut out where required to permit pipes,etc to pass through and bolted to concrete where required to permit pipes,etc to pass through and bolted to concrete surface bed	no	Rate only	R3 500,00
H.1.B. 1467	SCHEDULE No. 12			
H.1.B. 1468	PLASTERING			
H.1.B. 1469	SUPPLEMENTARY PREAMBLES			
H.1.B. 1470	SCREEDS			
H.1.B. 1471	Cement screeds wood/steel floated on concrete			
H.1.B. 1472	25mm. thick on floors and landings	m ²	Rate only	R55,00
H.1.B. 1473	Average 40mm thick on floors to falls	m ²	Rate only	R55,00
H.1.B. 1474	25mm thick treads and risers of stairs	m ²	Rate only	R55,00
H.1.B. 1475	Repairing cracks in cement screeds on concrete or brick surfaces exceeding 1mm wide by hacking up/off screeds 150mm wide on both sides of crack, preparing existing surface and laying new screeds on and including chicken mesh spiked to base finishing flush with existing surface to match existing			
H.1.B. 1476	On horizontal top surfaces	m	Rate only	R25,00
H.1.B. 1477	On vertical surfaces	m	Rate only	R25,00
H.1.B. 1478	On treads and risers of stairs	m	Rate only	R25,00
H.1.B. 1479	INTERNAL PLASTER			
H.1.B. 1480	Cement plaster steel/wood trowelled on brickwork/concrete			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1481	On walls	m ²	Rate only	R55,00
H.1.B. 1482	On ceilings	m ²	Rate only	R60,00
H.1.B. 1483	On raking soffits of stairs	m ²	Rate only	R60,00
H.1.B. 1484	On projecting and isolated columns/beams	m ²	Rate only	R55,00
H.1.B. 1485	<u>Fine rough-cast plaster on brickwork/concrete</u>			
H.1.B. 1486	On walls	m ²	Rate only	R35,00
H.1.B. 1487	On ceilings	m ²	Rate only	R35,00
H.1.B. 1488	On raking soffits of stairs	m ²	Rate only	R35,00
H.1.B. 1489	On projecting and isolated columns/beams	m ²	Rate only	R35,00
H.1.B. 1490	Repairing cracks in internal cement plaster on concrete or brick surfaces exceeding 1mm wide by hacking off plaster 150mm wide on both sides of crack, preparing existing surface and applying new plaster on and including chicken mesh spiked to base finishing flush with existing surface (painting measured elsewhere)			
H.1.B. 1491	On horizontal top surfaces	m	Rate only	R25,00
H.1.B. 1492	On sloping top surfaces	m	Rate only	R25,00
H.1.B. 1493	On vertical surfaces	m	Rate only	R25,00
H.1.B. 1494	On vertical surfaces circular	m	Rate only	R25,00
H.1.B. 1495	On horizontal soffits	m	Rate only	R25,00
H.1.B. 1496	On horizontal soffits circular	m	Rate only	R25,00
H.1.B. 1497	On raking soffits	m	Rate only	R25,00
H.1.B. 1498	<u>EXTERNAL PLASTER</u>			
H.1.B. 1499	<u>Cement plaster on brickwork/concrete</u>			
H.1.B. 1500	On walls	m ²	Rate only	R55,00
H.1.B. 1501	On ceilings	m ²	Rate only	R60,00
H.1.B. 1502	On raking soffits of stairs	m ²	Rate only	R60,00
H.1.B. 1503	On projecting and isolated columns/beams	m ²	Rate only	R55,00
H.1.B. 1504	<u>Rough-cast plaster on brickwork/concrete</u>			
H.1.B. 1505	On walls	m ²	Rate only	R35,00
H.1.B. 1506	On ceilings	m ²	Rate only	R35,00
H.1.B. 1507	On raking soffits of stairs	m ²	Rate only	R35,00
H.1.B. 1508	On projecting and isolated columns/beams	m ²	Rate only	R35,00
H.1.B. 1509	<u>Two coats gypsum plaster "Rhinolite" polished to a smooth finish</u>			
H.1.B. 1510	Plaster	m ²	Rate only	R60,00
H.1.B. 1511	Plaster in patches	m ²	Rate only	R60,00
H.1.B. 1512	Gypsum plasterboard ceilings, bulkheads, etc	m ²	Rate only	R60,00
H.1.B. 1513	Gypsum plasterboard ceilings, bulkheads, etc in patches	m ²	Rate only	R60,00
H.1.B. 1514	Gypsum plasterboard partitioning	m ²	Rate only	R60,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1515	Gypsum plasterboard partitioning in patches	m ²	Rate only	R60,00
H.1.B. 1516	<u>Two coats gypsum plaster "Rhino-lite" polished to a textured finish</u>			
H.1.B. 1517	Plaster	m ²	Rate only	R65,00
H.1.B. 1518	Plaster in patches	m ²	Rate only	R65,00
H.1.B. 1519	Gypsum plasterboard ceilings, bulkheads, etc	m ²	Rate only	R65,00
H.1.B. 1520	Gypsum plasterboard ceilings, bulkheads, etc in patches	m ²	Rate only	R65,00
H.1.B. 1521	Gypsum plasterboard partitioning	m ²	Rate only	R65,00
H.1.B. 1522	Gypsum plasterboard partitioning in patches	m ²	Rate only	R65,00
H.1.B. 1523	<u>CORNER PROTECTORS, DIVIDING STRIPS. ETC</u>			
H.1.B. 1524	<u>Dividing strips</u>			
H.1.B. 1525	30 x 3mm flat brass dividing strip between different floor finishes	m	Rate only	R10,00
H.1.B. 1526	<u>SCHEDULE No. 13</u>			
H.1.B. 1527	<u>TILING</u>			
H.1.B. 1528	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 1529	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			
H.1.B. 1530	<u>WALL TILING</u>			
H.1.B. 1531	<u>150 x 150 x 5mm. white glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u>			
H.1.B. 1532	On horizontal top surfaces	m ²	Rate only	R195,00
H.1.B. 1533	On sloping top surfaces	m ²	Rate only	R195,00
H.1.B. 1534	On vertical surfaces	m ²	Rate only	R195,00
H.1.B. 1535	On horizontal soffits	m ²	Rate only	R195,00
H.1.B. 1536	On narrow widths	m ²	Rate only	R195,00
H.1.B. 1537	<u>200 x 200 x 6mm. white glazed ceramic tiles fixed with adhesive to plaster (plaster elsewhere)</u>			
H.1.B. 1538	On horizontal top surfaces	m ²	Rate only	R200,00
H.1.B. 1539	On sloping top surfaces	m ²	Rate only	R200,00
H.1.B. 1540	<u>FLOOR TILING</u>			
H.1.B. 1541	<u>Ceramic floor tiles (PC sum R140.00/m² for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted jointing compound</u>			
H.1.B. 1542	On floor surfaces	m ²	Rate only	R155,00
H.1.B. 1543	On treads and risers of stairs	m ²	Rate only	R155,00
H.1.B. 1544	Skirtings 100mm high of stretcher course tiles	m	Rate only	R70,00
H.1.B. 1545	<u>Porcelain floor tiles (PC sum R170.00/m² for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted jointing compound</u>			
H.1.B. 1546	On floor surfaces	m ²	Rate only	R195,00
H.1.B. 1547	On treads and risers of stairs	m ²	Rate only	R195,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1548	Skirtings 100mm high of stretcher course tiles	m	Rate only	R65,00
H.1.B. 1549	<u>Mosaic tiles (PC sum R120.00/m² for supply and delivery, excluding labour, waste and VAT) fixed with adhesive to bedding (bedding elsewhere) and flush pointed with tinted jointing compound.</u>			
H.1.B. 1550	On floor surfaces	m²	Rate only	R140,00
H.1.B. 1551	SUNDRIES			
H.1.B. 1552	Shot blast old floors to remove glue, dirt and grime	m²	Rate only	R55,00
H.1.B. 1553	SCHEDULE No. 14			
H.1.B. 1554	GLAZING			
H.1.B. 1555	SUPPLEMENTARY PREAMBLES			
H.1.B. 1556	GLAZING TO STEEL WITH PUTTY			
H.1.B. 1557	4mm. clear float glass			
H.1.B. 1558	3 mm Glass	m²	Rate only	R250,00
H.1.B. 1559	4mm Glass	m²	Rate only	R350,00
H.1.B. 1560	6mm Glass	m²	Rate only	R450,00
H.1.B. 1561	4mm. Patterned/obscured glass			
H.1.B. 1562	4mm Glass	m²	Rate only	R400,00
H.1.B. 1563	6mm Glass	m²	Rate only	R500,00
H.1.B. 1564	Clear toughened safety glass			
H.1.B. 1565	6.38mm Glass	m²	Rate only	R600,00
H.1.B. 1566	8mm Glass	m²	Rate only	R750,00
H.1.B. 1567	GLASS LOUVRE BLADES			
H.1.B. 1568	6mm Clear Glass Louvre Blades			
H.1.B. 1569	Louvre blades not exceeding 150mm wide with polished edges	m	Rate only	R150,00
H.1.B. 1570	GLASS IN TOPS, SHELVES, DOORS, MIRRORS, ETC.			
H.1.B. 1571	<u>5mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>			
H.1.B. 1572	Mirror 300 x 300mm high with four screws	no	Rate only	R200,00
H.1.B. 1573	Mirror 400 x 400mm high with four screws	no	Rate only	R350,00
H.1.B. 1574	Mirror 400 x 600mm high with four screws	no	Rate only	R450,00
H.1.B. 1575	Mirror size 460 x 600mm with four screws	m²	Rate only	R455,00
H.1.B. 1576	<u>5mm Silvered float glass copper backed mirrors with 10mm bevelled and polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete</u>			
H.1.B. 1577	Mirror 300 x 300mm high with four screws	no	Rate only	R200,00
H.1.B. 1578	Mirror 400 x 400mm high with four screws	no	Rate only	R350,00
H.1.B. 1579	Mirror 400 x 600mm high with four screws	no	Rate only	R450,00

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1580	Mirror size 460 x 600mm with four screws	m ²	Rate only	R455,00
H.1.B. 1581	<u>Sundries</u>			
H.1.B. 1582	<u>Sandblasting</u>			
H.1.B. 1583	To glazing	m ²	Rate only	R300,00
H.1.B. 1584	<u>Vinyl films and tinting</u>			
H.1.B. 1585	Vinyl film to glazing	m ²	Rate only	R300,00
H.1.B. 1586	<u>Awnings</u>			
H.1.B. 1587	Vinyl tinted awning including frame fixed to walls, concrete, wood, etc not exceeding 1200mm length	no	Rate only	R250,00
H.1.B. 1588	Vinyl tinted awning including frame fixed to walls, concrete, wood, etc exceeding 1200mm and not exceeding 2400mm length	no	Rate only	R350,00
H.1.B. 1589	<u>SCHEDULE No. 15</u>			
H.1.B. 1590	<u>PAINTING</u>			
H.1.B. 1591	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 1592	<u>Descriptions</u>			
H.1.B. 1593	Description of paintwork shall be deemed to include for all cutting in			
H.1.B. 1594	<u>Paint Specifications</u>			
H.1.B. 1595	All painting shall be carried out in strict accordance with "Plascon" or equally approved specifications			
H.1.B. 1596	<u>PAINTWORK, ETC. TO NEW WORK</u>			
H.1.B. 1597	<u>ON BRICKS OR QUARRY TILES</u>			
H.1.B. 1598	<u>Two coats solvent based UV resistant clear gloss acrylic brick dressing</u>			
H.1.B. 1599	On sills, thresholds, etc	m ²	Rate only	R60,00
H.1.B. 1600	On flush pointed face walls	m ²	Rate only	R60,00
H.1.B. 1601	On recessed pointed face walls	m ²	Rate only	R60,00
H.1.B. 1602	<u>ON FLOATED PLASTER</u>			
H.1.B. 1603	<u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint</u>			
H.1.B. 1604	On internal walls	m ²	Rate only	R60,00
H.1.B. 1605	<u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u>			
H.1.B. 1606	On internal walls	m ²	Rate only	R65,00
H.1.B. 1607	On ceilings	m ²	Rate only	R65,00
H.1.B. 1608	<u>One coat resin based bonding liquid two coats superior acrylic PVA emulsion paint</u>			
H.1.B. 1609	On external walls	m ²	Rate only	R65,00
H.1.B. 1610	<u>One coat resin based bonding liquid one universal under coat and two coats super satin silk or qual quality approved paint</u>			
H.1.B. 1611	On internal walls	m ²	Rate only	R65,00
H.1.B. 1612	On ceilings	m ²	Rate only	R65,00
H.1.B. 1613	<u>One coat resin based bonding liquid and two coats UV resistant water based mica and marble waterproof fine texture paint</u>			
H.1.B. 1614	On external walls	m ²	Rate only	R65,00
H.1.B. 1615	<u>ON PLASTER BOARD</u>			
H.1.B. 1616	<u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u>			

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1617	On ceilings and cornices	m ²	Rate only	R65,00
H.1.B. 1618	On drywall partitions	m ²	Rate only	R65,00
H.1.B. 1619	ON FIBRE-CEMENT			
H.1.B. 1620	<u>One coat resin based bonding liquid two full coats UV resistant water based acrylic roof paint</u>			
H.1.B. 1621	On profiled roof sheets (measured on flat)	m ²	Rate only	R60,00
H.1.B. 1622	On fascias and barge boards	m ²	Rate only	R60,00
H.1.B. 1623	<u>One coat alkaline resistant plaster primer and two coats superior acrylic PVA emulsion paint</u>			
H.1.B. 1624	On internal fibre cement ceilings including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m ²	Rate only	R65,00
H.1.B. 1625	On fascias and barge boards	m ²	Rate only	R65,00
H.1.B. 1626	On internal fibre cement sills not exceeding 300mm girth	m	Rate only	R65,00
H.1.B. 1627	On fascia and barge boards not exceeding 300mm girth	m	Rate only	R65,00
H.1.B. 1628	ON METAL			
H.1.B. 1629	<u>Spot prime defects in pre-primed surfaces with zinc chromate primer and apply one universal alkyd based undercoat and two coats alkyd based high gloss enamel paint</u>			
H.1.B. 1630	On door frames	m ²	Rate only	R60,00
H.1.B. 1631	On recordroom and strongroom doors and frames	m ²	Rate only	R60,00
H.1.B. 1632	On window frames	m ²	Rate only	R60,00
H.1.B. 1633	On window frames with burglar bars	m ²	Rate only	R60,00
H.1.B. 1634	On gates, grilles, burglar screens, balustrades, etc (both sides measured over full flat area)	m ²	Rate only	R60,00
H.1.B. 1635	<u>One coat water based galvanised iron primer, one coat universal alkyd based undercoat and two coats alkyd based high gloss enamel paint</u>			
H.1.B. 1636	On corrugated iron profile roof sheeting (measured on flat)	m ²	Rate only	R65,00
H.1.B. 1637	On IBR profile roof sheeting (measured on flat)	m ²	Rate only	R65,00
H.1.B. 1638	On eaves gutters	m ²	Rate only	R65,00
H.1.B. 1639	On rails, bars, pipes etc	m	Rate only	R10,00
H.1.B. 1640	On eaves gutters/rainwater downpipes not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1641	On rails, bars, pipes etc not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1642	ON WOOD			
H.1.B. 1643	<u>One coat wood primer, one universal alkyd based undercoat and two coats alkyd based eggshell enamel paint</u>			
H.1.B. 1644	On boarded panelling	m ²	Rate only	R65,00
H.1.B. 1645	On boarded ceilings	m ²	Rate only	R65,00
H.1.B. 1646	On doors	m ²	Rate only	R65,00
H.1.B. 1647	On fittings	m ²	Rate only	R65,00
H.1.B. 1648	On roof timbers at eaves and verges	m ²	Rate only	R65,00
H.1.B. 1649	Skirtings, rails, etc. not exceeding 300mm. girth	m	Rate only	R10,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1650	<u>Three coats clear polyurethane suede varnish</u>			
H.1.B. 1651	On doors	m ²	Rate only	R70,00
H.1.B. 1652	Skirtings, rails, etc. not exceeding 300mm. girth	m	Rate only	R15,00
H.1.B. 1653	Two coats creosote on sawn timbers	m ²	Rate only	R70,00
H.1.B. 1654	<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u>			
H.1.B. 1655	<u>PREPARATORY WORK TO EXISTING WORK</u>			
H.1.B. 1656	<u>Previously painted plastered surfaces</u>			
H.1.B. 1657	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with suitable filler and finished smooth			
H.1.B. 1658	<u>Previously painted metal surfaces</u>			
H.1.B. 1659	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
H.1.B. 1660	<u>Previously painted wood surfaces</u>			
H.1.B. 1661	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
H.1.B. 1662	<u>ON BRICKS OR QUARRY TILES</u>			
H.1.B. 1663	<u>Two coats solvent based UV resistant clear gloss acrylic brick dressing</u>			
H.1.B. 1664	On sills, thresholds, etc	m ²	Rate only	R60,00
H.1.B. 1665	On flush pointed face walls	m ²	Rate only	R60,00
H.1.B. 1666	On recessed pointed face walls	m ²	Rate only	R60,00
H.1.B. 1667	<u>ON FLOATED PLASTER</u>			
H.1.B. 1668	<u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint on work in poor condition</u>			
H.1.B. 1669	On internal walls	m ²	Rate only	R60,00
H.1.B. 1670	On columns	m ²	Rate only	R60,00
H.1.B. 1671	<u>One coat resin based bonding liquid two coats superior acrylic PVA emulsion paint on work in poor condition</u>			
H.1.B. 1672	On internal walls	m ²	Rate only	R65,00
H.1.B. 1673	On external walls	m ²	Rate only	R65,00
H.1.B. 1674	On ceilings	m ²	Rate only	R65,00
H.1.B. 1675	<u>ON GAMMA ZENNITH</u>			
H.1.B. 1676	<u>One coat resin based bonding liquid two coats superior glamour paint on work in poor condition</u>			
H.1.B. 1677	On internal walls	m ²	Rate only	R65,00
H.1.B. 1678	On external walls	m ²	Rate only	R65,00
H.1.B. 1679	<u>One coat alkaline resistant plaster primer, one coat universal alkyd based undercoat and one coats alkyd based eggshell enamel paint on work in poor condition</u>			
H.1.B. 1680	On internal walls	m ²	Rate only	R65,00
H.1.B. 1681	<u>One coat resin based bonding liquid and two coats superior acrylic PVA emulsion paint on work in poor condition</u>			
H.1.B. 1682	On internal walls	m ²	Rate only	R65,00
H.1.B. 1683	On external walls	m ²	Rate only	R65,00

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1684	<u>ON PLASTER BOARD</u>			
H.1.B. 1685	<u>One coat resin based bonding liquid and two coats superior acrylic PVA emulsion paint on work in poor condition</u>			
H.1.B. 1686	On ceilings and cornices	m ²	Rate only	R65,00
H.1.B. 1687	On drywall partitions	m ²	Rate only	R65,00
H.1.B. 1688	<u>ON FIBRE-CEMENT</u>			
H.1.B. 1689	<u>One coat resin based bonding liquid and two full coats UV resistant water based acrylic roof paint on work in poor condition</u>			
H.1.B. 1690	On profiled roof sheets (measured on flat)	m ²	Rate only	R60,00
H.1.B. 1691	On fascias and barge boards	m ²	Rate only	R60,00
H.1.B. 1692	<u>Two coats superior acrylic PVA emulsion paint on work in sound condition</u>			
H.1.B. 1693	On internal fibre cement ceilings including priming steel joints and nail heads with one coat zinc phosphate alkyd resin primer	m ²	Rate only	R60,00
H.1.B. 1694	On fascias and barge boards	m ²	Rate only	R60,00
H.1.B. 1695	On internal fibre cement sills not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1696	On fascia and barge boards not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1697	<u>ON METAL</u>			
H.1.B. 1698	<u>Two coats alkyd based high gloss enamel paint on previously painted steel in sound condition</u>			
H.1.B. 1699	On door frames	m ²	Rate only	R60,00
H.1.B. 1700	On recordroom, strongroom, combination doors and frames	m ²	Rate only	R60,00
H.1.B. 1701	On window frames	m ²	Rate only	R60,00
H.1.B. 1702	On window frames with burglar bars	m ²	Rate only	R60,00
H.1.B. 1703	On gates, grilles, burglar screens, balustrades, etc (both sides measured over full flat area)	m ²	Rate only	R60,00
H.1.B. 1704	On eaves gutters/rainwater downpipes not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1705	On rails not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1706	On eaves gutters	m ²	Rate only	R55,00
H.1.B. 1707	On palisade fencing	m ²	Rate only	R55,00
H.1.B. 1708	<u>One coat water based galvanised iron primer, one coat Universal alkyd based undercoat and two coats alkyd based high gloss enamel paint on galvanised steel in poor condition (rusted)</u>			
H.1.B. 1709	On corrugated iron profile roof sheeting (measured on flat)	m ²	Rate only	R60,00
H.1.B. 1710	On IBR profile roof sheeting (measured on flat)	m ²	Rate only	R60,00
H.1.B. 1711	On eaves gutters	m ²	Rate only	R60,00
H.1.B. 1712	On gates, grilles, burglar screens, balustrades, etc (both sides measured over full flat area)	m ²	Rate only	R60,00
H.1.B. 1713	On palisade fencing	m ²	Rate only	R60,00
H.1.B. 1714	On rails, bars, pipes exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1715	On eaves gutters/rainwater downpipes not exceeding 300mm girth	m	Rate only	R10,00
H.1.B. 1716	<u>ON WOOD</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1717	<u>Spot prime bare wood surfaces with wood primer and apply one universal alkyd based undercoat and two coats alkyd based eggshell enamel paint on previously painted surfaces in poor condition</u>			
H.1.B. 1718	On doors	m ²	Rate only	R60,00
H.1.B. 1719	On fittings	m ²	Rate only	R60,00
H.1.B. 1720	Skirtings, rails, etc. not exceeding 300mm. girth	m	Rate only	R10,00
H.1.B. 1721	On roof timbers at eaves and verges	m ²	Rate only	R60,00
H.1.B. 1722	<u>Two coats alkyd based eggshell enamel paint on previously painted surfaces in sound condition</u>			
H.1.B. 1723	On doors	m ²	Rate only	R60,00
H.1.B. 1724	On fittings	m ²	Rate only	R60,00
H.1.B. 1725	Skirtings, rails, etc. not exceeding 300mm. girth	m	Rate only	R10,00
H.1.B. 1726	On roof timbers at eaves and verges	m ²	Rate only	R60,00
H.1.B. 1727	<u>Three coats clear polyurethane suede varnish</u>			
H.1.B. 1728	On doors	m ²	Rate only	R65,00
H.1.B. 1729	Skirtings, rails, etc. not exceeding 300mm. girth	m	Rate only	R10,00
H.1.B. 1730	<u>SCHEDULE No. 16</u>			
H.1.B. 1731	<u>EXTERNAL WORKS</u>			
H.1.B. 1732	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 1733	<u>Carting away of excavated material</u>			
H.1.B. 1734	Description of carting away of excavated material shall deemed to include loading of excavated material onto trucks directly from the excavations, or alternatively, from stock piles situated on the building site.			
H.1.B. 1735	<u>Concrete pipes</u>			
H.1.B. 1736	Pipes shall be jointed with ogee joints with rubber collars or socket and spigot joints with rubber rings			
H.1.B. 1737	<u>uPVC pipes and fittings</u>			
H.1.B. 1738	Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings			
H.1.B. 1739	Soil, waste and vent pipes and fittings shall be solvent weld jointed			
H.1.B. 1740	<u>uPVC pressure pipes and fittings</u>			
H.1.B. 1741	Pipes for water supply shall be of the class stated			
H.1.B. 1742	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose socket fittings			
H.1.B. 1743	Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bens shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints with solvent welded uPVC loose socket fittings			
H.1.B. 1744	<u>Exposed concrete surfaces</u>			
H.1.B. 1745	Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gulley tops, cleaning eye tops, catchpits, inspection chambers, etc. shall be finished smooth with plaster			
H.1.B. 1746	<u>Excavations</u>			
H.1.B. 1747	No claim for rock excavation will be entertained unless the contractor has timeously notified the quantity surveyor thereof prior to backfilling			
H.1.B. 1748	"Soft rock" and "hard rock" shall be as defined in "Earthworks"			
H.1.B. 1749	<u>Laying, backfilling, bedding, etc. of pipes</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1750	Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions			
H.1.B. 1751	The selection of the imported "borrow pit" pipe bending material for class B, C or flexible pipe beddings shall be done by the contractor, and all the tendered rates for the imported material shall be deemed to include for the necessary selection of material.			
H.1.B. 1752	The selection of the imported "borrow pit" pipe bending material for class B, C or flexible pipe beddings shall be done by the contractor, and all the tendered rates for the imported material shall be deemed to include for the necessary selection of material.			
H.1.B. 1753	Where no manufacturers' instructions exist, pipes shall be laid in accordance with clauses 5.1 and 5.2 of each of the following:			
H.1.B. 1754	SABS 1200 L : Medium-pressure pipelines			
H.1.B. 1755	LD : Sewers			
H.1.B. 1756	LE : Stormwater drainage			
H.1.B. 1757	Pipe trenches, etc. shall be backfilled in accordance with clauses 3, 5.5, 5.6, 5.7 and 7 of SABS 1200			
H.1.B. 1758	LB : Bedding (Pipes)			
H.1.B. 1759	Unless otherwise described, bedding of rigid pipes shall be class B bedding			
H.1.B. 1760	Unless otherwise described, bedding of rigid pipes shall be class B bedding			
H.1.B. 1761	<u>"Densyl" petrolatum anti-corrosion tape as manufactured by Denso SA (Pty) Ltd or equally approved</u>			
H.1.B. 1762	Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied with minimum 15mm lap per spiral unless otherwise described			
H.1.B. 1763	Couplings and fittings to pipes shall be taped in strict accordance with the manufacturers instructions, including all mastic tape "Layflat" sheeting, securing of same, etc.			
H.1.B. 1764	Unless otherwise described, bedding of rigid pipes shall be class B bedding			
H.1.B. 1765	<u>ALTERATIONS</u>			
H.1.B. 1766	<u>LANDSCAPING</u>			
H.1.B. 1767	<u>GRASSING, GROUND COVERS, ETC.</u>			
H.1.B. 1768	<u>"Kikuyu"</u>			
H.1.B. 1769	Areas not exceeding 1000m ²	m ²	Rate only	R65,00
H.1.B. 1770	Areas exceeding 1000m ²	m ²	Rate only	R70,00
H.1.B. 1771	<u>EARTHWORKS, ROADWORKS, ETC</u>			
H.1.B. 1772	<u>Site clearance</u>			
H.1.B. 1773	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc.	m ²	Rate only	R15,00
H.1.B. 1774	<u>Bulk excavation, filling, etc</u>			
H.1.B. 1775	<u>Earthfilling supplied by the contractor under roads, parking areas, paving, etc. including all haul, selection, handling, etc (No designated borrow pit available)</u>			
H.1.B. 1776	Note:			
H.1.B. 1777	Road construction materials shall conform to the requirements of TRH 14: Guidelines for road construction materials			
H.1.B. 1778	Approved G7 material for use in backfilling under walkways, paths and islands in 150mm thick layers compacted to 90% Modified AASHTO density	m ³	Rate only	R200,00
H.1.B. 1779	Selected G6 type material compacted in 150mm layers to 93% Modified AASHTO density	m ³	Rate only	R200,00
H.1.B. 1780	150mm Sub-base layer G5 type material stabilized with 3% cement to obtain a C4 material compacted to 95% Modified AASHTO density	m ³	Rate only	R200,00
H.1.B. 1781	<u>Compaction of surfaces</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1782	Compaction of ground surface under roads and parking areas including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material where necessary and compacting to 90% Mod AASHTO density	m ²	Rate only	R35,00
H.1.B. 1783	Tests			
H.1.B. 1784	"Modified AASHTO Density" test to 93%	no	Rate only	R150,00
H.1.B. 1785	Soil poisoning (In confined areas)			
H.1.B. 1786	"Trimex-S" weedkiller mixed 30g/l water and applied at a rate of 1 litre/10m ² under road, parking and walkway paving	m ²	Rate only	R10,00
H.1.B. 1787	Precast concrete block road surfacing			
H.1.B. 1788	Paving is to be laid in accordance with SABS 1200 MJ, SABS 1058 and the Concrete Masonry Association's specifications			
H.1.B. 1789	Paving is to be laid in herringbone pattern on 25mm (thickness after final compaction) clean river sand (preparation of ground or filling elsewhere)			
H.1.B. 1790	Clean sand is to be swept into joints between roadstones			
H.1.B. 1791	ASPHALT			
H.1.B. 1792	Tar Surfacing (Parking and walkways)			
H.1.B. 1793	Tar road resurfacing and making good	m ²	Rate only	R155,00
H.1.B. 1794	Tar road resurfacing and making good in bad condition	m ²	Rate only	R155,00
H.1.B. 1795	Saw-cutting asphalt(tar)	m	Rate only	R10,00
H.1.B. 1796	PAVING			
H.1.B. 1797	Lifting up, setting aside and re-laying paving blocks including backfilling and 20mm bedding sand			
H.1.B. 1798	Precast concrete paving to falls	m ²	Rate only	R220,00
H.1.B. 1799	60mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved (For low traffic-All inclusive trade) Including earthworks, 25mm thick river sand bed with sand swept into joints including preparation of ground or filling etc			
H.1.B. 1800	Paving to roads, parking areas, etc. to slight falls	m ²	Rate only	R220,00
H.1.B. 1801	Joint of new paving or concrete edge beam to existing paving including all cutting, waste, filling of openings with concrete, etc.	m	Rate only	R75,00
H.1.B. 1802	80mm Standard grey "Concor Double Zig-Zag" interlocking roadstone paving or equally approved (For low traffic-All inclusive trade) Including earthworks, 25mm thick river sand bed with sand swept into joints including preparation of ground or filling etc			
H.1.B. 1803	Paving to roads, parking areas, etc. to slight falls	m ²	Rate only	R220,00
H.1.B. 1804	Joint of new paving or concrete edge beam to existing paving including all cutting, waste, filling of openings with concrete, etc.	m	Rate only	R75,00
H.1.B. 1805	Precast concrete finished smooth on exposed surfaces including bedding, jointing and pointing			
H.1.B. 1806	Vertical kerb (SABS 927 fig 7) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing including excavation, backfilling, etc.	m	Rate only	R155,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1807	Semi-mountable kerb (SABS 927 fig 7 laid flat on back) 180 x 280mm high in 1 000mm sections with 13mm thick softboard expansion joints at 20 000mm centres complete with 250 x 180mm thick class 15Mpa/19mm unreinforced cast in-situ concrete continuous anchor block strip for the full length at back of kerbing, circular on plan to not exceeding 4 000mm radius formed with short lengths (maximum 300mm long) of straight kerb including excavation, backfilling, etc.	m	Rate only	R155,00
H.1.B. 1808	<u>SABS 731-1987 yellow or white roadmark paint on paving at a rate of 1 litre/m2</u>			
H.1.B. 1809	Line 100mm wide	m	Rate only	R10,00
H.1.B. 1810	Line 100mm wide (RTM 1)	m	Rate only	R10,00
H.1.B. 1811	Numeral or letter 400mm high	no	Rate only	R15,00
H.1.B. 1812	Numeral or letter 1250mm high (GM7)	no	Rate only	R15,00
H.1.B. 1813	Traffic arrow 1250 x 500mm wide extreme (G M4.1)	no	Rate only	R15,00
H.1.B. 1814	Information sign for "people with disability" parking in 150mm wide lines	m ²	Rate only	R55,00
H.1.B. 1815	<u>FENCING</u>			
H.1.B. 1816	<u>Mild steel welded palisade fence including spot prime exposed metal surfaces and and two coats high gloss enamel paint</u>			
H.1.B. 1817	Palisade fence 1800mm high of 40 x 40 x 3mm angle section continuous top and bottom rails and 30 x 30 x 3mm angle section pickets with top end split and sharpened at average 150mm centres, welded to rails, rails welded 2200mm high posts of 76 x 76 x 5mm square tube with steel pyramid shaped capping on top at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R650,00
H.1.B. 1818	Palisade fence 2400mm high of 40 x 40 x 3mm angle section continuous top and bottom rails and 30 x 30 x 3mm angle section pickets with top end split and sharpened at average 150mm centres, welded to rails, rails welded 2600mm high posts of 76 x 76 x 5mm square tube with steel pyramid shaped capping on top at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean, neat and painted	m	Rate only	R850,00
H.1.B. 1819	Palisade pedestrian gate 900mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty hinges, security type locking device suitable for hand operated control, completely installed and painted	no	Rate only	R1 200,00
H.1.B. 1820	Palisade fence vehicle sliding gate 6000mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, steel track cast in or bolted to and including concrete rail footing, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc. completely installed and painted	no	Rate only	R7 500,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1821	Palisade fence vehicle sliding gate 6000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, steel track cast in or bolted to and including concrete rail footing, security type locking device suitable for hand operated control rail, gate stops, gate guides, etc. completely installed	no	Rate only	R8 000,00
H.1.B. 1822	Palisade fence vehicle swing double gate 3000mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	no	Rate only	R3 500,00
H.1.B. 1823	Palisade fence vehicle swing double gate 6000mm wide x 1800mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	no	Rate only	R7 500,00
H.1.B. 1824	Concrete Palisade Fence			
H.1.B. 1825	Palisade fence 1800mm high of stacked slats, slid in-between 2300mm high posts of 110 x 70mm H-section post at 1500mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R750,00
H.1.B. 1826	Palisade fence 2400mm high of stacked slats, slid in-between 2900mm high posts of 110 x 70mm H-section post at 1500mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R950,00
H.1.B. 1827	Precast Concrete Fence			
H.1.B. 1828	Precast slatted fence 1200mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R1 100,00
H.1.B. 1829	Precast slatted fence 1800mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R1 500,00
H.1.B. 1830	Precast slatted fence 2000mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R1 600,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1831	Precast slatted fence 2400mm high of 110 x 70mm section continuous top and bottom rails and 140 x 70mm section with top end mitred at average 150mm centres, bolted to rails, rails bolted 2200mm high posts of 140 x 140mm square post at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R1 800,00
H.1.B. 1832	Diamond Wire Mesh			
H.1.B. 1833	70 x 70mm Galvanised diamond wire mesh fence 1200mm high with seven horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R35,00
H.1.B. 1834	70 x 70mm Galvanised diamond wire mesh fence 1800mm high with seven horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R40,00
H.1.B. 1835	70 x 70mm Galvanised diamond wire mesh fence 2000mm high with seven horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R45,00
H.1.B. 1836	70 x 70mm Galvanised diamond wire mesh fence 2400mm high with fourteen horizontal strand wire of 2.9mm diameter fixed to posts, y-standards, droppers, etc with posts at 2475mm centres with 500mm bottom ends cast into and including 15Mpa concrete footing in ground including excavation, ramming, removal of spoil and leaving clean and neat	m	Rate only	R50,00
H.1.B. 1837	Post 2000 x 101 x 3mm hot dipped galvanised	no	Rate only	R200,00
H.1.B. 1838	Stay 2000 x 48 x 2m hot dipped galvanised	no	Rate only	R250,00
H.1.B. 1839	Y - standard 1850mm	no	Rate only	R300,00
H.1.B. 1840	Razor flat-wrap			
H.1.B. 1841	To top or bottom of fence	m	Rate only	R150,00
H.1.B. 1842	Razor Barbed Wire	m	Rate only	R150,00
H.1.B. 1843	CARPOTS WITH ROOF SHEETING TO SLIGHT FALLS			
H.1.B. 1844	Carpots comprising the following: concrete foundations for columns to be 20Mpa concrete, 500 x 500 x 600mm deep including all excavations, backfilling, compaction, carting away, etc; columns 76 x 76 x 3mm hot rolled tubing with 150 x 150 x 3mm base plates and 200 x 70 x 6mm top flanges; columns 2600mm minimum height, beams; 76 x 76 x 3mm hot rolled tubing with closed ends; beams bolted to columns with two 10 x 100mm bolts and nuts at each column; purlins; 150 x 75 x 20 x 3mm hot rolled lipped channels bolted to cleats on beams with 0.5mm thick chromadek finished IBR profile roof sheeting; all steelwork cleaned with degreaser and painted with one each of red oxide and universal primer with two coats enamel paint			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1845	Carport comprising one bay, 2,5 x 5,0m on plan, including cutting of existing paving blocks around columns	no	Rate only	R1 200,00
H.1.B. 1846	Range of carpots (one row) comprising two bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	Rate only	R1 500,00
H.1.B. 1847	Range of carpots (one row) comprising three bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	Rate only	R1 500,00
H.1.B. 1848	Range of carpots (one row) comprising four bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	Rate only	R1 500,00
H.1.B. 1849	Range of carpots (one row) comprising five bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	Rate only	R1 500,00
H.1.B. 1850	Range of carpots (one row) comprising six bays, each bay 2,5 x 5,0m on plan, with carpot structure stepped over sloping site if required, including cutting of existing paving blocks around columns	no	Rate only	R1 500,00
H.1.B. 1851	<u>PHYSICAL BARRIERS</u>			
H.1.B. 1852	<u>BOOM GATES</u>			
H.1.B. 1853	Steel boom gates not exceeding 6000mm long	no	Rate only	R2 500,00
H.1.B. 1854	<u>BOLLARDS</u>			
H.1.B. 1855	200mm Diameter precast concrete bollards not exceeding 1500mm	no	Rate only	R700,00
H.1.B. 1856	200mm Diameter steel bollards with concrete infill not exceeding 1500mm	no	Rate only	R700,00
H.1.B. 1857	400 x 400mm precast concrete dustbin not exceeding 1500mm high	m	Rate only	R1 500,00
H.1.B. 1858	<u>CONCRETE CHANNEL</u>			
H.1.B. 1859	<u>25Mpa/19mm</u>			
H.1.B. 1860	600X150mm thick concrete stormwater channel including all necessary excavations, casting and laying in panels, formwork, soft board and finishing smooth	m ²	Rate only	R650,00
H.1.B. 1861	<u>SCHEDULE No. 17</u>			
H.1.B. 1862	<u>PLUMBING AND DRAINAGE</u>			
H.1.B. 1863	<u>Description</u>			
H.1.B. 1864	Where "Replace" or "Replacing" appears in this document it shall be deemed to include taking up/out and carting away from site			
H.1.B. 1865	<u>SUPPLEMENTARY PREAMBLES</u>			
H.1.B. 1866	<u>uPVC pipes and fittings</u>			
H.1.B. 1867	Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings			
H.1.B. 1868	Soil, waste and vent pipes and fittings shall be solvent weld jointed			
H.1.B. 1869	<u>uPVC pressure pipes and fittings</u>			
H.1.B. 1870	Pipes for water supply shall be of the class stated			
H.1.B. 1871	Pipes of 40mm diameter and smaller shall be plain ended with solvent welded uPVC loose sockets and fittings			
H.1.B. 1872	Pipes of 50mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be uPVC and all other fittings shall be cast iron, all with similar push-in type joints			
H.1.B. 1873	<u>Copper pipes</u>			
H.1.B. 1874	Pipes shall be hard drawn and half-hard pipes of the class stated. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard) class 2 (half-hard) and class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fitting to copper waste, vent and anti-siphon pipes,			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1875	capillary solder fittings and compression fittings shall be "Cobra Watertech" type. Capillary solder fittings shall comply with ISO 2016. Only compression fittings shall be used in walls or in ground			
H.1.B. 1876	Reducing fittings			
H.1.B. 1877	Where fittings have reducing ends or branches they are described as "reducing". In the case of pipes with diameters not exceeding 60mm only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained.			
H.1.B. 1878	In the case of pipes with diameters exceeding 60mm all sizes are given and no claim for extra bushes, reducers, etc will be entertained			
H.1.B. 1879	Wire gratings			
H.1.B. 1880	Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings			
H.1.B. 1881	Septic tanks			
H.1.B. 1882	Description of septic tanks shall be deemed to include excavations, bedding and jointing, concrete base slab, jointing to drains and backfilling, compaction, etc all in accordance with manufacturer's instructions			
H.1.B. 1883	Exposed concrete surfaces			
H.1.B. 1884	Exposed surfaces of concrete stormwater channels, cover slabs, inspection eye marker slabs, gully tops, cleaning eye tops, catchpits, inspection chambers, etc shall be finished smooth with plaster			
H.1.B. 1885	Excavations			
H.1.B. 1886	No claim for rock excavation will be entertained unless the contractor has timorously notified the Principal Agent thereof prior to backfilling			
H.1.B. 1887	"Soft rock" and "hard rock" shall be as defined in "Earthworks"			
H.1.B. 1888	Laying, backfilling, bedding, etc of pipes			
H.1.B. 1889	Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions			
H.1.B. 1890	Where no manufactures' instructions exist pipes shall be laid in accordance with clause 5.1 and 5.2 of each of the following:			
H.1.B. 1891	SABS 1200 L : Medium-pressure pipelines			
H.1.B. 1892	LD : Sewers			
H.1.B. 1893	LE : Stormwater drainage			
H.1.B. 1894	Pipe trenches etc shall be backfilled in accordance with clause 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SABS 1200 LB : Bedding (Pipes).			
H.1.B. 1895	Unless otherwise described bedding of rigid pipes shall be class B bedding			
H.1.B. 1896	Flush pans			
H.1.B. 1897	Flush pans shall have straight or side outlets and "P" or "S" traps as necessary			
H.1.B. 1898	Stainless steel basins, sinks, wash troughs, urinals, etc			
H.1.B. 1899	Units shall have standard aprons an all exposed edges and tiling keys against walls where applicable			
H.1.B. 1900	Waste unions			
H.1.B. 1901	Descriptions of waste unions shall be deemed to include rubber or vulcanite plugs and chains fixed to fittings			
H.1.B. 1902	CLEAR GUTTER BLOCKAGE / DEBRIS			
H.1.B. 1903	Clean out gutters by removing all silt, etc. including rodding where necessary, leaving all surfaces free from any dirt or debris including lifting and refixing grille covers where required and disposal of all removed material.			
H.1.B. 1904	Gutters not exceeding 3m above base level			
H.1.B. 1905	Eaves or box gutter not exceeding 200mm wide	m	Rate only	R130,00
H.1.B. 1906	Eaves or box gutter exceeding 200mm wide and not exceeding 500mm wide	m	Rate only	R130,00
H.1.B. 1907	Gutters exceeding 3m above base level not exceeding 6m above base level			
H.1.B. 1908	Eaves or box gutter not exceeding 200mm wide	m	Rate only	R130,00
H.1.B. 1909	Eaves or box gutter exceeding 200mm wide and not exceeding 500mm wide	m	Rate only	R130,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1910	Sundries			
H.1.B. 1911	Rainwater downpipe not exceeding 175mm x 100mm or 150mm diameter including bends, elbows, etc.	m	Rate only	R110,00
H.1.B. 1912	Full - Bore outlets not exceeding 150mm diameter	no	Rate only	R65,00
H.1.B. 1913	REPLACE DAMAGED UNDERGROUND SEWER PIPE AND FITTINGS			
H.1.B. 1914	Locate, excavate for and replace damage to uPVC drain pipe and / or fittings in landscaped areas(excavation and backfilling measured elsewhere)			
H.1.B. 1915	Laid in excavations not exceeding 1m deep			
H.1.B. 1916	110mm Ø pipe	m	Rate only	R85,00
H.1.B. 1917	160mm Ø pipe	m	Rate only	R105,00
H.1.B. 1918	Laid in excavations exceeding 1m and not exceeding 2m deep			
H.1.B. 1919	110mm Ø pipe	m	Rate only	R85,00
H.1.B. 1920	160mm Ø pipe	m	Rate only	R105,00
H.1.B. 1921	uPVC fittings			
H.1.B. 1922	110mm Access lid	no	Rate only	R66,00
H.1.B. 1923	110mm Gulley grate	no	Rate only	R75,00
H.1.B. 1924	110mm Plain bend	no	Rate only	R70,00
H.1.B. 1925	110mm Access bend	no	Rate only	R75,00
H.1.B. 1926	110mm Plain junction	no	Rate only	R80,00
H.1.B. 1927	110mm Access junction	no	Rate only	R85,00
H.1.B. 1928	110mm Rodding eye	no	Rate only	R65,00
H.1.B. 1929	110mm Gulley head and grate	no	Rate only	R75,00
H.1.B. 1930	110mm Gulley 'P' trap	no	Rate only	R65,00
H.1.B. 1931	160mm Access lid	no	Rate only	R95,00
H.1.B. 1932	160mm Plain bend	no	Rate only	R75,00
H.1.B. 1933	160mm Access bend	no	Rate only	R85,00
H.1.B. 1934	160mm Plain junction	no	Rate only	R105,00
H.1.B. 1935	160mm Access junction and cover	no	Rate only	R110,00
H.1.B. 1936	160mm Rodding eye	no	Rate only	R100,00
H.1.B. 1937	160 x 110mm Taper pipe	no	Rate only	R110,00
H.1.B. 1938	REPLACE DAMAGED GRATINGS, MANHOLE COVERS, ETC.			
H.1.B. 1939	Carefully break out from concrete existing damaged frame and grating or manhole cover, replace with new including making good all existing finishers and leave in good working order.			
H.1.B. 1940	560mm Diameter 125mm thick precast concrete removable cover	no	Rate only	R550,00
H.1.B. 1941	300 x 300mm x 10,3kg square dished grating,cover and frame	no	Rate only	R1 200,00
H.1.B. 1942	300 x 450mm x 53,2kg stormwater grating cover and frame	no	Rate only	R750,00
H.1.B. 1943	450 x 450mm x 28,5kg Type 14B cast iron single seal manhole cover and frame.	no	Rate only	R900,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1944	450 x 600mm x 68kg Type 9D cast iron single seal manhole cover and frame.	no	Rate only	R6 000,00
H.1.B. 1945	530 x 530mm x 67kg Type 12 cast iron single seal manhole cover and frame.	no	Rate only	R6 500,00
H.1.B. 1946	450 x 600mm x 72kg Type 8A cast iron double seal manhole cover and frame.	no	Rate only	R7 000,00
H.1.B. 1947	550mm Diameter type 4 circular road manhole cover excluding frame.	no	Rate only	R6 500,00
H.1.B. 1948 H.1.B. 1949	CONSTRUCTED NEW INSPECTION CHAMBER Excavate in earth or pickable material for, and build inspection chamber with 150mm thick 15MPa/20mm concrete bottom extending 100mm all round manhole perimeter, with one brick sides of 14MPa bricks in class I mortar, the internal faces of brickwork rendered in one coat cement plaster steel trowelled smooth and covered with a 150mm thick 25MPa/20mm concrete top of walls to finish flush with surface of ground and finished on exposed faces with 25mm thick untinted granolithic with all salient angles rounded and rebated on the inner edges for manhole cover and frame (elsewhere measured); the bottom to be benched up in 15MPa/20mm concrete finished smooth including backfilling and compacting to external walls as required.			
H.1.B. 1950	Inspection chamber 450 x 600mm and not exceeding 750mm deep internally.	no	Rate only	R600,00
H.1.B. 1951	Inspection chamber 900 x 600mm and exceeding 750mm and not exceeding 1000mm deep internally.	no	Rate only	R750,00
H.1.B. 1952	Inspection chamber 900 x 600mm and exceeding 1000mm and not exceeding 1250mm deep internally.	no	Rate only	R800,00
H.1.B. 1953	Inspection chamber 900 x 900mm and exceeding 1250mm and not exceeding 1500mm deep internally.	no	Rate only	R950,00
H.1.B. 1954	<u>Excavate in earth or pickable material for, and build inspection chamber with 200mm thick 15MPa/20mm cast in situ concrete bottom extending 100mm all round manhole perimeter, with precast concrete circular shaft sections jointed and sealed with Denso Sealostrip, covered with a precast concrete top rebated on the inner edges for manhole cover and frame (elsewhere measured) finishing flush with surface of ground; the bottom to be benched up in 15MPa/20mm concrete finished smooth including backfilling and compacting to external shaft walls as required.</u>			
H.1.B. 1955	Inspection chamber 750mm diameter and not exceeding 750mm deep internally	no	Rate only	R800,00
H.1.B. 1956	Inspection chamber 750mm diameter and exceeding 750 and not exceeding 1000mm deep internally	no	Rate only	R800,00
H.1.B. 1957	Inspection chamber 750mm diameter and exceeding 1000mm and not exceeding 1250mm deep internally	no	Rate only	R950,00
H.1.B. 1958	Inspection chamber 750mm diameter and exceeding 1250mm and not exceeding 1500mm deep internally	no	Rate only	R1 200,00
H.1.B. 1959	Inspection chamber 750mm diameter and exceeding 2000mm and not exceeding 3000mm deep internally with the lower 1,5m depth increased to 1250mm diameter and 150mm precast concrete reducer slab over enlarged bottom portion.	no	Rate only	R1 500,00
H.1.B. 1960 H.1.B. 1961	REPLACE DAMAGED SANITARY FITTINGS Carefully take out and remove damaged sanitary fitting, replace with new including effecting all existing brackets, couplings, connections and re-fixing existing taps, valves, etc. making good existing finishers as necessary and leave in good working order.			
H.1.B. 1962	<u>Stainless Steel</u>			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1963	Stainless steel wall hung urinal.	no	Rate only	R1 200,00
H.1.B. 1964	Stainless steel wash hand basin.	no	Rate only	R1 600,00
H.1.B. 1965	Stainless steel WC pan with P trap.	no	Rate only	R3 600,00
H.1.B. 1966	Sink and drainer 900 x 530mm wide with one bowl	no	Rate only	R1 300,00
H.1.B. 1967	Sink and drainer 1200 x 530mm wide with one bowl	no	Rate only	R1 500,00
H.1.B. 1968	Sink and drainer 1350 x 530mm wide with one bowl	no	Rate only	R1 600,00
H.1.B. 1969	Sink and drainer 1575 x 530mm wide with two bowls	no	Rate only	R1 650,00
H.1.B. 1970	Sink and drainer 1800 x 530mm wide with two bowls	no	Rate only	R1 800,00
H.1.B. 1971	525 x 530mm Laundry tub with one bowl	no	Rate only	R300,00
H.1.B. 1972	1050 x 530mm Laundry tub with two bowls	no	Rate only	R350,00
H.1.B. 1973	Combination curved back trough urinal 1350mm high with standard integral automatic flushing tray, drip cock and hinged domical grating not exceeding 1200mm long.	no	Rate only	R1 700,00
H.1.B. 1974	Combination curved back trough urinal 1350mm high with standard integral automatic flushing tray, drip cock and hinged domical grating exceeding 1200mm and not exceeding 1800mm long.	no	Rate only	R1 900,00
H.1.B. 1975	<u>Vitreous China Sanitaryware - "Vaal" or equally approved</u>			
H.1.B. 1976	White vitreous china pan with S trap.	no	Rate only	R150,00
H.1.B. 1977	White vitreous china pan with P trap.	no	Rate only	R150,00
H.1.B. 1978	White vitreous china pan with side outlet.	no	Rate only	R140,00
H.1.B. 1979	Gypsy vandal resistant WC toilet pan.	no	Rate only	R3 500,00
H.1.B. 1980	Vitreous china wall hung urinal.size: 420mm x 320mm x 280mm	no	Rate only	R1 300,00
H.1.B. 1981	Vitreous china wall hung urinal.size: 600mm x 390mm x 390mm	no	Rate only	R1 500,00
H.1.B. 1982	Gypsy vandal resistant urinal.	no	Rate only	R1 300,00
H.1.B. 1983	Vitreous china wash hand basin. Size 550mm x 400 mm	no	Rate only	R1 500,00
H.1.B. 1984	Vitreous china wash hand basin. Size 450mm x 200 mm cloak room basin	no	Rate only	R1 500,00
H.1.B. 1985	Universal basin pedestal	no	Rate only	R1 600,00
H.1.B. 1986	Gypsy vandal resistant wash hand basin.	no	Rate only	R1 600,00
H.1.B. 1987	1830 x 680mm White plexicor Heavy Duty bath with handles.	no	Rate only	R6 000,00
H.1.B. 1988	Pressed metal bath.	no	Rate only	R5 000,00
H.1.B. 1989	White fire clay drip sink size 540 x 4680 X 180mm, including chromium plated grid.	no	Rate only	R2 000,00
H.1.B. 1990	9 Litre plastic low level flushing cistern.	no	Rate only	R2 500,00
H.1.B. 1991	9 Litre shires low level flushing cistern.	no	Rate only	R2 500,00
H.1.B. 1992	9 Litre vitreous china low level flushing cistern.	no	Rate only	R2 500,00
H.1.B. 1993	9 Litre stainless (18/8) steel high level flushing cistern.	no	Rate only	R2 000,00
H.1.B. 1994	9 Litre shires high level flushing cistern.	no	Rate only	R2 000,00
H.1.B. 1995	9 Litre vitreous china high level flushing cistern.	no	Rate only	R2 500,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 1996	9 Litre stainless steel high level flushing cistern.	no	Rate only	R2 500,00
H.1.B. 1997	450 x 300mm (approximately) Cloakroom basin	no	Rate only	R2 000,00
H.1.B. 1998	Universal basin pedestal	no	Rate only	R1 600,00
H.1.B. 1999	550 x 400mm (approximately) wash hand basin	no	Rate only	R1 300,00
H.1.B. 2000	600 x 400mm (approximately) Oval / Round vanity basin	no	Rate only	R1 350,00
H.1.B. 2001	Low level wc open rim washdown pan	no	Rate only	R1 200,00
H.1.B. 2002	Semi-close coupled wc open rim washdown pan	no	Rate only	R3 130,00
H.1.B. 2003	Close coupled wc open rim washdown pan	no	Rate only	R3 500,00
H.1.B. 2004	Wall hung wc open rim pan (flushing valve elsewhere)	no	Rate only	R2 300,00
H.1.B. 2005	9 litre cistern complete with lid and fitments (flush pipe elsewhere)	no	Rate only	R2 500,00
H.1.B. 2006	9 litre cistern complete with lid, top dual push button and fitments (flush pipe elsewhere)	no	Rate only	R2 000,00
H.1.B. 2007	9 litre cistern complete with lid, dual flush handle and fitments (flush pipe elsewhere)	no	Rate only	R2 000,00
H.1.B. 2008	Wall hung bowl urinal, overall size 420 x 320 x 280mm (approximately) with 38mm c.p. Domical grating and top inlet spreader (flushing valve elsewhere)	no	Rate only	R1 600,00
H.1.B. 2009	Wall hung bowl urinal, overall size 600 x 390 x 390mm (approximately) with 38mm c.p. Domical grating and top inlet spreader (flushing valve elsewhere)	no	Rate only	R1 600,00
H.1.B. 2010	510 x 400mm "Sola Medical 510" white hospital basin Code 706200 including 32mm diameter chromium plated standing overflow tube Code 8630Z0, bolted to wall	no	Rate only	R2 000,00
H.1.B. 2011	510 x 405mm "Hibiscus 844820" white wash hand basin with two tap holes including integrated overflow and chainstay hole, bolted to wall	no	Rate only	R2 000,00
H.1.B. 2012	595 x 455mm "Cameo" white drop-in vanity basin Code 0006 with two tap holes including integrated overflow and chainstay hole, and silicone sealant all round	no	Rate only	R2 300,00
H.1.B. 2013	Low-level white closet for paraplegics comprising "Protea(7502)" pan with "Masterbilt" double flap plastic seat and 9litre Code710631 cistern with purpose made chromed side flush handle	no	Rate only	R2 000,00
H.1.B. 2014	"Daisy" white vitreous china WC semi-close coupled pan (code 774717) with matching 9litre cistern (code 710034) and white double flap plastic seat	no	Rate only	R2 300,00
H.1.B. 2015	"Daisy" white vitreous china "Junior" 1040 WC outlet washdown pan (code 751300) and matching 6litre cistern (code 712034) complete with lid and fitments, and junior seat	no	Rate only	R3 600,00
H.1.B. 2016	Sundries			
H.1.B. 2017	Replace sink or wash hand basin stainless steel bracket including re-fixing sink or basin, connection, etc.	no	Rate only	R150,00
H.1.B. 2018	Re-fix existing wash hand basin to wall	no	Rate only	R50,00
H.1.B. 2019	Replace wash hand basin semi concealed cast iron bracket including re-fixing basin, connections, etc.	no	Rate only	R175,00
H.1.B. 2020	Re-fix existing high or low level wc cistern to wall	no	Rate only	R75,00

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2021	Replace wc heavy duty double flap plastic seat	no	Rate only	R200,00
H.1.B. 2022	Replace wc masterbit woden double flap seat	no	Rate only	R200,00
H.1.B. 2023	Replace PVC flush pipe rubber pan connector	no	Rate only	R150,00
H.1.B. 2024	Replace lucifer flush connector	no	Rate only	R150,00
H.1.B. 2025	Replace flush master rubber bung connector	no	Rate only	R150,00
H.1.B. 2026	Replace low level cistern PVC flush pipe, rubber pan connector and seals	no	Rate only	R200,00
H.1.B. 2027	Replace high level cistern PVC flush pipe, rubber pan connector and seals	no	Rate only	R200,00
H.1.B. 2028	Replace semi-close coupled cistern PVC flush pipe bend, rubber pan connector and seals	no	Rate only	R2 500,00
H.1.B. 2029	Replace high level flush chain	no	Rate only	R25,00
H.1.B. 2030	Replace matching cistern lid	no	Rate only	R450,00
H.1.B. 2031	Replace cistern float arm including ball and set water level	no	Rate only	R450,00
H.1.B. 2032	Replace cistern float valve and ball, connect supply and adjust water level	no	Rate only	R450,00
H.1.B. 2033	Replace cistern bottom inlet pedestal type float valve and ball, connect supply and set water level	no	Rate only	R65,00
H.1.B. 2034	Replace flushing valve mechanism complete with rubber washers, etc.	no	Rate only	R75,00
H.1.B. 2035	Replace Syphonic flushing valve unit complete with rubber washers, etc.	no	Rate only	R85,00
H.1.B. 2036	Attend to and service / fix faulty cistern including replacing all washers, seals, adjusting flushing mechanism, etc. and leave in good working order.	no	Rate only	R85,00
H.1.B. 2037	<u>REPLACE DAMAGED WASTE UNIONS, ETC.</u>			
H.1.B. 2038	<u>Carefully take out and remove damaged item, replace with new including backnut, plug and chain; and making good existing finishers as necessary.</u>			
H.1.B. 2039	32mm Chromium plated bath overflow union	no	Rate only	R120,00
H.1.B. 2040	32mm Chromium plated basin waste union	no	Rate only	R125,00
H.1.B. 2041	40mm chromium plated shower waste and grating	no	Rate only	R150,00
H.1.B. 2042	40mm Chromium plated bath or sink waste union	no	Rate only	R150,00
H.1.B. 2043	<u>Sundries</u>			
H.1.B. 2044	Replace CP shower grating	no	Rate only	R50,00
H.1.B. 2045	Replace plug and chain	no	Rate only	R50,00
H.1.B. 2046	Replace CP anti-theft plug and spindle	no	Rate only	R70,00
H.1.B. 2047	Attend to, fix leaking waste union and tighten backnut	no	Rate only	R65,00
H.1.B. 2048	<u>REPLACE DAMAGED TRAPS, ETC.</u>			
H.1.B. 2049	<u>Carefully take out and remove damaged item, replace with new including washers, flanges, capnuts, pipe clips, etc. and making good existing finishers as necessary.</u>			
H.1.B. 2050	<u>TRAPS</u>			
H.1.B. 2051	<u>uPVC</u>			
H.1.B. 2052	32mm "P" or "S" trap	no	Rate only	R150,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2053	32mm Bottle trap	no	Rate only	R150,00
H.1.B. 2054	40mm "P" or "S" trap	no	Rate only	R155,00
H.1.B. 2055	40mm Bottle trap	no	Rate only	R155,00
H.1.B. 2056	40mm shower trap with chromium plated grating	no	Rate only	R155,00
H.1.B. 2057	<u>Flexi-Rubber</u>			
H.1.B. 2058	40mm "P" or "S" trap	no	Rate only	R155,00
H.1.B. 2059	32 x 40mm "P" or "S" trap.	no	Rate only	R155,00
H.1.B. 2060	32 x 32mm "P" or "S" trap.	no	Rate only	R155,00
H.1.B. 2061	40 x 40mm "P" or "S" trap.	no	Rate only	R155,00
H.1.B. 2062	40 x 300mm sink combination for double bowl "P" trap	no	Rate only	R155,00
H.1.B. 2063	<u>Brass</u>			
H.1.B. 2064	40mm Shower or bath trap with chromium plated grating	no	Rate only	R150,00
H.1.B. 2065	<u>Chromium plated - "Cobra Watertech" or equally approved</u>			
H.1.B. 2066	32mm "345/40CP" bottle traps	no	Rate only	R165,00
H.1.B. 2067	40mm "345/40CP" bottle traps	no	Rate only	R170,00
H.1.B. 2068	32mm CP extension piece with sliding wall flange	no	Rate only	R165,00
H.1.B. 2069	<u>Sundries</u>			
H.1.B. 2070	Attend to and repair leaking joint to exposed trap	no	Rate only	R15,00
H.1.B. 2071	Attend to and repair leaking joint to concealed or flush trap	no	Rate only	R15,00
H.1.B. 2072	<u>REPLACE DAMAGED TAPS, VALVES, ETC.</u>			
H.1.B. 2073	Carefully take out and remove damaged item, replace with new including handle styles to match existing, washers, flanges, capnuts, couplers, etc. and making good existing finishers as necessary.			
H.1.B. 2074	<u>Brass</u>			
H.1.B. 2075	15mm Stopcock.	no	Rate only	R15,00
H.1.B. 2076	20mm Stopcock.	no	Rate only	R20,00
H.1.B. 2077	20mm Bibtap	no	Rate only	R150,00
H.1.B. 2078	20mm Hose bibtap	no	Rate only	R165,00
H.1.B. 2079	20mm Hose bibtap with lockshield and loose key	no	Rate only	R165,00
H.1.B. 2080	20mm stoptap	no	Rate only	R170,00
H.1.B. 2081	15mm stoptap with lockshield and loose key	no	Rate only	R170,00
H.1.B. 2082	20mm Fullway gate valve	no	Rate only	R180,00
H.1.B. 2083	25mm Fullway gate valve	no	Rate only	R195,00
H.1.B. 2084	32mm Fullway gate valve	no	Rate only	R200,00
H.1.B. 2085	40mm Fullway gate valve	no	Rate only	R220,00
H.1.B. 2086	50mm Fullway gate valve	no	Rate only	R250,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2087	65mm Fullway gate valve	no	Rate only	R265,00
H.1.B. 2088	80mm Fullway gate valve	no	Rate only	R285,00
H.1.B. 2089	100mm Fullway gate valve	no	Rate only	R300,00
H.1.B. 2090	15mm Shut off valve.	no	Rate only	R150,00
H.1.B. 2091	20mm Shut off valve.	no	Rate only	R160,00
H.1.B. 2092	25mm Shut off valve.	no	Rate only	R165,00
H.1.B. 2093	50mm Shut off valve.	no	Rate only	R175,00
H.1.B. 2094	<u>Chromium plated - Heavy pattern SABS 226 - 1987 - Class 1</u>			
H.1.B. 2095	<u>"Cobra Watertech" or equally approved</u>			
H.1.B. 2096	15mm stopcock.	no	Rate only	R15,00
H.1.B. 2097	20mm stopcock.	no	Rate only	R20,00
H.1.B. 2098	15mm ballcock.	no	Rate only	R35,00
H.1.B. 2099	20mm ballcock.	no	Rate only	R45,00
H.1.B. 2100	15mm pillar cock.	no	Rate only	R20,00
H.1.B. 2101	20mm pillar cock.	no	Rate only	R35,00
H.1.B. 2102	15mm bib cock.	no	Rate only	R20,00
H.1.B. 2103	20mm bib cock.	no	Rate only	R35,00
H.1.B. 2104	15mm Raised nose pillartap - 3314SB including flexi pipe	no	Rate only	R55,00
H.1.B. 2105	20mm Raised nose pillartap - 3314ST including flexi pipe	no	Rate only	R65,00
H.1.B. 2106	15mm Bibtap star - 108-15	no	Rate only	R16,00
H.1.B. 2107	20mm Bibtap star - 108-20	no	Rate only	R35,00
H.1.B. 2108	Basin mixer pillartap with aerator - 3392SB including flexi pipe	no	Rate only	R350,00
H.1.B. 2109	Sink mixer pillartap with aerator - 3396SB, including flexi pipe	no	Rate only	R400,00
H.1.B. 2110	Sink mixer Bibtap with aerator - 3366/041/10SB	no	Rate only	R400,00
H.1.B. 2111	15mm undertile stoptap star - 128-15	no	Rate only	R50,00
H.1.B. 2112	20mm undertile stoptap star - 128-15	no	Rate only	R65,00
H.1.B. 2113	21mm Medical bibtap - 500-21B (Elbow action)	no	Rate only	R75,00
H.1.B. 2114	21mm Medical pillartap - 503-21B (Elbow action) with flexi pipe	no	Rate only	R420,00
H.1.B. 2115	21mm Medical wall bib mixer - 511-21 (Elbow action) with flexi pipe	no	Rate only	R350,00
H.1.B. 2116	21mm Medical pillar mixer - 515-21 (Elbow action) with flexi pipe	no	Rate only	R320,00
H.1.B. 2117	21mm Medical wall mounted bib mixer - 515/055-21 (Elbow action) with flexi pipe	no	Rate only	R300,00
H.1.B. 2118	EL3003 Electronic thermostatic controlled touch-free wash hand basin mixer for wall / twin-hole basin fixing.	no	Rate only	R700,00
H.1.B. 2119	EL3010 Single hole electronic controlled touch-free wash hand basin faucet including blender.	no	Rate only	R700,00
H.1.B. 2120	KD2.204 "Mastertherm II" Thermostatic Temperature Controller.	no	Rate only	R600,00
H.1.B. 2121	15mm "Code KM2.100" metering pillartap	no	Rate only	R300,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2122	15mm Extension piece 75mm long	no	Rate only	R150,00
H.1.B. 2123	20mm Extension piece 75mm long	no	Rate only	R150,00
H.1.B. 2124	15mm Extension piece with sliding wall flange	no	Rate only	R55,00
H.1.B. 2125	20mm Extension piece with sliding wall flange	no	Rate only	R65,00
H.1.B. 2126	15mm angle regulating valve	no	Rate only	R35,00
H.1.B. 2127	15mm angle regulating valve with 350mm long tube and capnut	no	Rate only	R40,00
H.1.B. 2128	Shower head "Code KP2.6"	no	Rate only	R250,00
H.1.B. 2129	15mm Overhead shower arm 300mm x 90 degree projection with wall flange and 85mm Ø shower CP rose	no	Rate only	R190,00
H.1.B. 2130	15mm Ball joint angle shower connector with fascia wall plate and 85mm Ø shower CP rose	no	Rate only	R250,00
H.1.B. 2131	100mm Diameter shower roses.	no	Rate only	R190,00
H.1.B. 2132	Adjustable type shower roses.	no	Rate only	R190,00
H.1.B. 2133	Vandal proof heavy duty shower roses	no	Rate only	R250,00
H.1.B. 2134	20mm Plain bath spout with round wall flange	no	Rate only	R195,00
H.1.B. 2135	20mm Plain square pattern bath spout with round wall flange	no	Rate only	R195,00
H.1.B. 2136	20mm Pillar type plain bath spout with 230mm throw	no	Rate only	R195,00
H.1.B. 2137	20mm "Flushmaster Junior" (FJ2.000) exposed type toilet flush valve CP with integral ball-o-stop valve and wallplate	no	Rate only	R195,00
H.1.B. 2138	20mm "Flushmaster Junior" (FJ4.001) concealed type toilet flush valve BC with integral ball-o-stop valve and captive linkage	no	Rate only	R195,00
H.1.B. 2139	20mm "Flushmaster Junior" (FJ6.000) exposed type urinal flush valve CP with integral ball-o-stop valve and wallplate	no	Rate only	R195,00
H.1.B. 2140	20mm "Flushmaster Junior" (FJ6.000) concealed type urinal flush valve CP with integral ball-o-stop valve and wallplate	no	Rate only	R195,00
H.1.B. 2141	32mm "Standard Flushmaster" (FM1.000) concealed type toilet flush valve CP with integral vacuum breaker, non-return valve, ball-o-stop, wallplate and activation lever	no	Rate only	R210,00
H.1.B. 2142	32mm "Standard Flushmaster" (FM1.100) exposed type toilet flush valve CP with integral vacuum breaker, non-return valve, ball-o-stop, wallplate, activation lever, flush pipe and rubber pan connector	no	Rate only	R255,00
H.1.B. 2143	32mm "Standard Flushmaster" (FM2.000) exposed type toilet back entry flush valve CP with integral vacuum breaker, non-return valve, ball-o-stop and wallplate	no	Rate only	R255,00
H.1.B. 2144	Push button assembly CP with pushrod for concealed flush valves	no	Rate only	R155,00
H.1.B. 2145	Straight bowl type urinal flush pipe and spreader	no	Rate only	R65,00
H.1.B. 2146	Offset bowl type urinal flush pipe and spreader	no	Rate only	R65,00
H.1.B. 2147	22mm CP Straight urinal flush pipe with rubber pipe connector	no	Rate only	R65,00
H.1.B. 2148	22mm CP Bent urinal flush pipe with rubber pipe connector	no	Rate only	R65,00
H.1.B. 2149	25mm CP Straight toilet flush pipe with rubber pipe connector and seat buffer	no	Rate only	R70,00
H.1.B. 2150	25mm CP Bent toilet flush pipe with rubber pipe connector and seat buffer	no	Rate only	R70,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2151	38mm CP Straight toilet flush pipe with rubber pipe connector and seat buffer	no	Rate only	R75,00
H.1.B. 2152	38mm CP Bent toilet flush pipe with rubber pipe connector and seat buffer	no	Rate only	R75,00
H.1.B. 2153	Copper connectors 300mm long.	no	Rate only	R150,00
H.1.B. 2154	Copper connectors 450mm long.	no	Rate only	R150,00
H.1.B. 2155	Flexible steel braided connectors 300mm long.	no	Rate only	R110,00
H.1.B. 2156	Flexible steel braided connectors 450mm long.	no	Rate only	R110,00
H.1.B. 2157	Sundries			
H.1.B. 2158	Replace 15 x 350mm long flexi tube CP	no	Rate only	R20,00
H.1.B. 2159	Replace 15mm standard Headpart RB	no	Rate only	R20,00
H.1.B. 2160	Replace 15mm standard Headpart RB and spindle cover CP	no	Rate only	R20,00
H.1.B. 2161	Replace 20mm standard Headpart RB	no	Rate only	R20,00
H.1.B. 2162	Replace 20mm standard Headpart RB and spindle cover CP	no	Rate only	R20,00
H.1.B. 2163	Repair leaking joint to urinal flushpipe or spreader	no	Rate only	R20,00
H.1.B. 2164	Replace leaking or damaged rubber flushpipe connector	no	Rate only	R20,00
H.1.B. 2165	Replace leaking or damaged compression rubber flushpipe connector	no	Rate only	R20,00
H.1.B. 2166	Service and clean out "Flushmaster Junior Flushvalve" unit using standard washer kit including adjusting water flow and leave in good working order (replacement parts elsewhere)	no	Rate only	R120,00
H.1.B. 2167	Service and clean out "Standard Flushmaster Flushvalve" unit using standard washer kit and handle seal including adjusting water flow and leave in good working order (replacement parts elsewhere)	no	Rate only	R120,00
H.1.B. 2168	REPLACE DAMAGED SOIL, SEWER, WASTE, VENT PIPE AND FITTINGS			
H.1.B. 2169	PVC-U SOIL, SEWERAGE			
H.1.B. 2170	Supply and install PVC-U class 51 - 100kPa Normal duty pipes, alteration, bedding and backfill measured elsewhere			
H.1.B. 2171	110mm Pipes	m	Rate only	R75,00
H.1.B. 2172	160mm Pipes	m	Rate only	R95,00
H.1.B. 2173	200mm Pipes	m	Rate only	R110,00
H.1.B. 2174	Supply and install PVC-U class 34 - 300kPa Normal duty pipes, alteration, bedding and backfill measured elsewhere			
H.1.B. 2175	110mm Pipes	m	Rate only	R75,00
H.1.B. 2176	160mm Pipes	m	Rate only	R95,00
H.1.B. 2177	200mm Pipes	m	Rate only	R110,00
H.1.B. 2178	Extra over uPVC pipes for fittings			
H.1.B. 2179	110mm Bend	no	Rate only	R75,00
H.1.B. 2180	160mm Bend	no	Rate only	R95,00
H.1.B. 2181	110mm Access Bend	no	Rate only	R105,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2182	160mm Access Bend	no	Rate only	R106,00
H.1.B. 2183	110mm Rodding eye	no	Rate only	R105,00
H.1.B. 2184	110 x 45deg mm Rodding eye lid	no	Rate only	R105,00
H.1.B. 2185	160mm Rodding eye inspection lid	no	Rate only	R110,00
H.1.B. 2186	110 x 45deg RIB junction	no	Rate only	R85,00
H.1.B. 2187	110 x 90deg RIB junction	no	Rate only	R85,00
H.1.B. 2188	160 x 45deg RIB junction	no	Rate only	R105,00
H.1.B. 2189	160 x 90deg RIB junction	no	Rate only	R105,00
H.1.B. 2190	110 x 90deg Access junction	no	Rate only	R110,00
H.1.B. 2191	160 x 45deg Access junction	no	Rate only	R120,00
H.1.B. 2192	160 x 90deg Access junction	no	Rate only	R120,00
H.1.B. 2193	110 x 45deg Access junction	no	Rate only	R120,00
H.1.B. 2194	160 x 110 x 45deg RIB S/R/Junction	no	Rate only	R125,00
H.1.B. 2195	110mm dia single socket	no	Rate only	R125,00
H.1.B. 2196	160mm dia single socket	no	Rate only	R130,00
H.1.B. 2197	110mm dia end cap	no	Rate only	R95,00
H.1.B. 2198	160mm dia end cap	no	Rate only	R120,00
H.1.B. 2199	110mm PVC adaptor to earthenware pipe.	no	Rate only	R95,00
H.1.B. 2200	110mm PVC adaptor to cast iron pipe.	no	Rate only	R95,00
H.1.B. 2201	100mm PVC gulley traps, with gulley head and grate round.	no	Rate only	R95,00
H.1.B. 2202	110mm PVC double sockets (Kimberley type).	no	Rate only	R95,00
H.1.B. 2203	WASTE AND VENT PIPES STACKING - Freeflo			
H.1.B. 2204	Carefully take out and remove damaged section to uPVC waste pipe and / or fittings, replace with new including holderbats, pipe clips, etc. as necessary and leave in good working order.			
H.1.B. 2205	40mm Ø pipe	m	Rate only	R35,00
H.1.B. 2206	50mm Ø pipe	m	Rate only	R45,00
H.1.B. 2207	75mm Ø pipe	m	Rate only	R55,00
H.1.B. 2208	110mm Ø pipe	m	Rate only	R70,00
H.1.B. 2209	160mm Ø pipe	m	Rate only	R85,00
H.1.B. 2210	uPVC waste fittings			
H.1.B. 2211	40mm Access lid	no	Rate only	R35,00
H.1.B. 2212	40mm Single socket	no	Rate only	R35,00
H.1.B. 2213	40mm Bend	no	Rate only	R35,00
H.1.B. 2214	40mm Access bend	no	Rate only	R35,00
H.1.B. 2215	40mm Junction	no	Rate only	R35,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2216	40mm Access junction	no	Rate only	R35,00
H.1.B. 2217	40mm Adaptor	no	Rate only	R35,00
H.1.B. 2218	40mm Reducing socket	no	Rate only	R35,00
H.1.B. 2219	40mm Air vent cowl	no	Rate only	R35,00
H.1.B. 2220	50mm Access lid	no	Rate only	R45,00
H.1.B. 2221	50mm Single socket	no	Rate only	R45,00
H.1.B. 2222	50mm Bend	no	Rate only	R45,00
H.1.B. 2223	50mm Access bend	no	Rate only	R45,00
H.1.B. 2224	50mm Junction	no	Rate only	R45,00
H.1.B. 2225	50mm Access junction	no	Rate only	R45,00
H.1.B. 2226	50mm Adaptor	no	Rate only	R45,00
H.1.B. 2227	50mm Reducing socket	no	Rate only	R45,00
H.1.B. 2228	50mm Air vent cowl	no	Rate only	R45,00
H.1.B. 2229	50mm One-Way vent valve	no	Rate only	R45,00
H.1.B. 2230	50mm Two-Way vent valve	no	Rate only	R45,00
H.1.B. 2231	110mm Access lid	no	Rate only	R85,00
H.1.B. 2232	110mm Single socket	no	Rate only	R85,00
H.1.B. 2233	110mm Double socket	no	Rate only	R85,00
H.1.B. 2234	110mm Bend	no	Rate only	R85,00
H.1.B. 2235	110mm Access bend	no	Rate only	R85,00
H.1.B. 2236	110mm Access bend with vent horn	no	Rate only	R85,00
H.1.B. 2237	110mm Single junction	no	Rate only	R85,00
H.1.B. 2238	110mm Access single junction	no	Rate only	R85,00
H.1.B. 2239	110mm Reducing junction	no	Rate only	R85,00
H.1.B. 2240	110mm Access reducing junction	no	Rate only	R85,00
H.1.B. 2241	110mm Double junction	no	Rate only	R85,00
H.1.B. 2242	110mm Access double junction	no	Rate only	R85,00
H.1.B. 2243	110mm Double reducing junction	no	Rate only	R85,00
H.1.B. 2244	110mm Access double reducing junction	no	Rate only	R85,00
H.1.B. 2245	110mm Pan collar	no	Rate only	R85,00
H.1.B. 2246	110mm Bent pan collar	no	Rate only	R85,00
H.1.B. 2247	110mm Access bent pan collar	no	Rate only	R85,00
H.1.B. 2248	110 x 50mm Eccentric reducer	no	Rate only	R85,00
H.1.B. 2249	110mm Air vent cowl	no	Rate only	R85,00
H.1.B. 2250	110mm One-Way vent valve	no	Rate only	R85,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2251	110mm Two-Way vent valve	no	Rate only	R85,00
H.1.B. 2252	Extra over PVC pipes for 40mm PVC male or female adaptors.	no	Rate only	R45,00
H.1.B. 2253	Extra over PVC pipes for 50mm PVC male or female adaptors.	no	Rate only	R45,00
H.1.B. 2254	Extra over PVC pipes for 110mm PVC vent horn bend.	no	Rate only	R45,00
H.1.B. 2255	<u>Carefully take out and remove damaged section to Plain Ended Cast Iron pipe and / or fittings, replace with new including SSN couplings, holderbats, pipe clips, etc. as necessary and leave in good working order.</u>			
H.1.B. 2256	50mm Ø pipe	m	Rate only	R45,00
H.1.B. 2257	75mm Ø pipe	m	Rate only	R65,00
H.1.B. 2258	100mm Ø pipe	m	Rate only	R80,00
H.1.B. 2259	<u>Cast Iron fittings</u>			
H.1.B. 2260	50mm End cap	no	Rate only	R35,00
H.1.B. 2261	50mm Bend	no	Rate only	R35,00
H.1.B. 2262	50mm Junction	no	Rate only	R35,00
H.1.B. 2263	100mm End cap	no	Rate only	R75,00
H.1.B. 2264	100mm Access lid	no	Rate only	R75,00
H.1.B. 2265	100 x 50mm Eccentric reducer	no	Rate only	R75,00
H.1.B. 2266	100 x 75mm Eccentric reducer	no	Rate only	R85,00
H.1.B. 2267	100mm Bend	no	Rate only	R75,00
H.1.B. 2268	100mm Access bend	no	Rate only	R75,00
H.1.B. 2269	100mm Junction	no	Rate only	R75,00
H.1.B. 2270	100mm Access Junction	no	Rate only	R75,00
H.1.B. 2271	100mm Double junction	no	Rate only	R75,00
H.1.B. 2272	100mm Access double junction	no	Rate only	R75,00
H.1.B. 2273	100mm Reducing junction	no	Rate only	R75,00
H.1.B. 2274	100mm Access reducing junction	no	Rate only	R75,00
H.1.B. 2275	100mm Combined junction / bend	no	Rate only	R75,00
H.1.B. 2276	100mm Double combined junction / bend	no	Rate only	R75,00
H.1.B. 2277	100mm Iron to earthenware connector	no	Rate only	R75,00
H.1.B. 2278	100mm ABC cleaning eye and cover	no	Rate only	R75,00
H.1.B. 2279	<u>Carefully take out and remove damaged section to Galvanised Steel pipe and / or fittings, replace with new including holderbats, pipe clips, etc. as necessary and leave in good working order.</u>			
H.1.B. 2280	15mm Ø pipe	m	Rate only	R5,00
H.1.B. 2281	20mm Ø pipe	m	Rate only	R15,00
H.1.B. 2282	25mm Ø pipe	m	Rate only	R20,00
H.1.B. 2283	32mm Ø pipe	m	Rate only	R35,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2284	40mm Ø pipe	m	Rate only	R45,00
H.1.B. 2285	50mm Ø pipe	m	Rate only	R55,00
H.1.B. 2286	80mm Ø pipe	m	Rate only	R75,00
H.1.B. 2287	100mm Ø pipe	m	Rate only	R85,00
H.1.B. 2288	150mm Ø pipe	m	Rate only	R105,00
H.1.B. 2289	Sundries			
H.1.B. 2290	Seal leaking uPVC or cast iron WC pan connector joint	no	Rate only	R15,00
H.1.B. 2291	Seal leaking uPVC waste or vent pipe joint not exceeding 75mm diameter	no	Rate only	R15,00
H.1.B. 2292	Seal leaking uPVC soil or vent pipe joint not exceeding 110mm diameter	no	Rate only	R15,00
H.1.B. 2293	Seal leaking plain ended cast iron waste or vent pipe joint not exceeding 75mm diameter	no	Rate only	R15,00
H.1.B. 2294	Seal leaking plain ended cast iron soil or vent pipe joint not exceeding 100mm diameter	no	Rate only	R15,00
H.1.B. 2295	Seal leaking spigot and socket cast iron waste or vent pipe joint not exceeding 75mm diameter	no	Rate only	R15,00
H.1.B. 2296	Seal leaking spigot and socket cast iron waste or vent pipe joint not exceeding 100mm diameter	no	Rate only	R15,00
H.1.B. 2297	Take off and remove existing " Polyprop" piping fixed to walls with holderbats and replace with new.			
H.1.B. 2298	15mm Pipe.	m	Rate only	R5,00
H.1.B. 2299	22mm Pipe.	m	Rate only	R15,00
H.1.B. 2300	28mm Pipe.	m	Rate only	R20,00
H.1.B. 2301	Extra over "Polyprop" pipes for "conex" compression type fittings.			
H.1.B. 2302	15mm Fittings.	no	Rate only	R5,00
H.1.B. 2303	22mm Fittings.	no	Rate only	R15,00
H.1.B. 2304	28mm Fittings.	no	Rate only	R20,00
H.1.B. 2305	REPLACE DAMAGED UNDERGROUND WATER PIPE AND FITTINGS			
H.1.B. 2306	Locate, isolate affected area, excavate for and replace damage to High Density Polyethylene (HDPE) water supply line and / or fittings in landscaped areas not exceeding 1m deep including (Excavation and backfilling measured elsewhere)			
H.1.B. 2307	Class 16			
H.1.B. 2308	16mm Ø pipe	m	Rate only	R5,00
H.1.B. 2309	20mm Ø pipe	m	Rate only	R15,00
H.1.B. 2310	25mm Ø pipe	m	Rate only	R20,00
H.1.B. 2311	32mm Ø pipe	m	Rate only	R25,00
H.1.B. 2312	40mm Ø pipe	m	Rate only	R35,00
H.1.B. 2313	50mm Ø pipe	m	Rate only	R45,00
H.1.B. 2314	100mm Ø pipe	m	Rate only	R85,00
H.1.B. 2315	160mm Ø pipe	m	Rate only	R110,00
H.1.B. 2316	Plasson compression fittings			

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2317	16mm fittings	no	Rate only	R5,00
H.1.B. 2318	20mm fittings	no	Rate only	R15,00
H.1.B. 2319	25mm fittings	no	Rate only	R20,00
H.1.B. 2320	32mm Elbow	no	Rate only	R25,00
H.1.B. 2321	40mm Elbow	no	Rate only	R35,00
H.1.B. 2322	50mm Elbow	no	Rate only	R45,00
H.1.B. 2323	65mm Elbow	no	Rate only	R55,00
H.1.B. 2324	32mm Tee	no	Rate only	R25,00
H.1.B. 2325	40mm Tee	no	Rate only	R35,00
H.1.B. 2326	50mm Tee	no	Rate only	R45,00
H.1.B. 2327	65mm Tee	no	Rate only	R55,00
H.1.B. 2328	32mm Reducing Tee	no	Rate only	R25,00
H.1.B. 2329	40mm Reducing Tee	no	Rate only	R35,00
H.1.B. 2330	50mm Reducing Tee	no	Rate only	R45,00
H.1.B. 2331	65mm Reducing Tee	no	Rate only	R55,00
H.1.B. 2332	32mm Coupler / Adaptor	no	Rate only	R25,00
H.1.B. 2333	40mm Coupler / Adaptor	no	Rate only	R35,00
H.1.B. 2334	50mm Coupler / Adaptor	no	Rate only	R45,00
H.1.B. 2335	65mm Coupler / Adaptor	m	Rate only	R55,00
H.1.B. 2336	<u>Locate, isolate affected area, excavate for and replace damage to Galvanised Steel water supply line and / or fittings in landscaped areas not exceeding 1m deep (Excavation and backfilling measured elsewhere)</u>			
H.1.B. 2337	15mm Ø pipe	m	Rate only	R5,00
H.1.B. 2338	20mm Ø pipe	m	Rate only	R15,00
H.1.B. 2339	25mm Ø pipe	m	Rate only	R20,00
H.1.B. 2340	32mm Ø pipe	m	Rate only	R25,00
H.1.B. 2341	40mm Ø pipe	m	Rate only	R35,00
H.1.B. 2342	50mm Ø pipe	m	Rate only	R45,00
H.1.B. 2343	65mm Ø pipe	m	Rate only	R55,00
H.1.B. 2344	80mm Ø pipe	m	Rate only	R75,00
H.1.B. 2345	100mm Ø pipe	m	Rate only	R85,00
H.1.B. 2346	150mm Ø pipe	m	Rate only	R110,00
H.1.B. 2347	<u>Galvanised Steel fittings</u>			
H.1.B. 2348	32mm Elbow	no	Rate only	R25,00
H.1.B. 2349	40mm Elbow	no	Rate only	R35,00
H.1.B. 2350	50mm Elbow	no	Rate only	R45,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2351	80mm Elbow	no	Rate only	R75,00
H.1.B. 2352	100mm Elbow	no	Rate only	R85,00
H.1.B. 2353	150mm Elbow	no	Rate only	R5,00
H.1.B. 2354	15mm fittings	no	Rate only	R15,00
H.1.B. 2355	20mm fittings	no	Rate only	R20,00
H.1.B. 2356	25mm fittings	no	Rate only	R25,00
H.1.B. 2357	32mm bend	no	Rate only	R25,00
H.1.B. 2358	40mm bend	no	Rate only	R35,00
H.1.B. 2359	50mm bend	no	Rate only	R45,00
H.1.B. 2360	65mm bend	no	Rate only	R55,00
H.1.B. 2361	80mm Bend	no	Rate only	R75,00
H.1.B. 2362	100mm Bend	no	Rate only	R105,00
H.1.B. 2363	32mm tee / reducing tee	no	Rate only	R25,00
H.1.B. 2364	40mm tee / reducing tee	no	Rate only	R35,00
H.1.B. 2365	50mm tee / reducing tee	no	Rate only	R45,00
H.1.B. 2366	65mm tee / reducing tee	no	Rate only	R55,00
H.1.B. 2367	80mm tee / reducing tee	no	Rate only	R75,00
H.1.B. 2368	100mm tee / reducing tee	no	Rate only	R105,00
H.1.B. 2369	150mm tee / reducing tee	no	Rate only	R120,00
H.1.B. 2370	32mm union	no	Rate only	R25,00
H.1.B. 2371	40mm union	no	Rate only	R35,00
H.1.B. 2372	50mm union	no	Rate only	R45,00
H.1.B. 2373	65mm union	no	Rate only	R55,00
H.1.B. 2374	80mm union	no	Rate only	R75,00
H.1.B. 2375	100mm union	no	Rate only	R105,00
H.1.B. 2376	32mm reducing bushes/sockets	no	Rate only	R25,00
H.1.B. 2377	40mm reducing bushes/sockets	no	Rate only	R35,00
H.1.B. 2378	50mm reducing bushes/sockets	no	Rate only	R45,00
H.1.B. 2379	80mm reducing bushes/sockets	no	Rate only	R55,00
H.1.B. 2380	100mm reducing bushes/sockets	no	Rate only	R75,00
H.1.B. 2381	150mm reducing bushes/sockets	no	Rate only	R105,00
H.1.B. 2382	32mm nipples	no	Rate only	R25,00
H.1.B. 2383	40mm nipples	no	Rate only	R35,00
H.1.B. 2384	50mm nipples	no	Rate only	R45,00
H.1.B. 2385	80mm nipples	no	Rate only	R55,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2386	100mm nipples	no	Rate only	R75,00
H.1.B. 2387	150mm nipples	no	Rate only	R105,00
H.1.B. 2388	32mm couplings	no	Rate only	R25,00
H.1.B. 2389	40mm couplings	no	Rate only	R35,00
H.1.B. 2390	50mm couplings	no	Rate only	R45,00
H.1.B. 2391	REPLACE DAMAGED WATER PIPE AND FITTINGS (No excavation)			
H.1.B. 2392	Locate, isolate affected area and replace damage to Galvanised Steel water supply line and / or fittings including holderbats, pipe clips, etc. as necessary and leave in good working order.			
H.1.B. 2393	15mm Ø pipe	m	Rate only	R5,00
H.1.B. 2394	20mm Ø pipe	m	Rate only	R15,00
H.1.B. 2395	25mm Ø pipe	m	Rate only	R20,00
H.1.B. 2396	32mm Ø pipe	m	Rate only	R35,00
H.1.B. 2397	40mm Ø pipe	m	Rate only	R45,00
H.1.B. 2398	50mm Ø pipe	m	Rate only	R55,00
H.1.B. 2399	65mm Ø pipe	m	Rate only	R75,00
H.1.B. 2400	80mm Ø pipe	m	Rate only	R85,00
H.1.B. 2401	100mm Ø pipe	m	Rate only	R105,00
H.1.B. 2402	150mm Ø pipe	m	Rate only	R120,00
H.1.B. 2403	New Class 1 Hardrawn Copper pipes for Hot And Cold Water reticulation			
H.1.B. 2404	Locate, isolate affected area and replace damage to SABS 460 Class 1 hard drawn Copper piping and / or fittings including holderbats, pipe clips, etc. as necessary and leave in good working order.			
H.1.B. 2405	15mm Pipes	m	Rate only	R5,00
H.1.B. 2406	22mm pipes	m	Rate only	R15,00
H.1.B. 2407	28mm pipes	m	Rate only	R25,00
H.1.B. 2408	35mm pipes	m	Rate only	R35,00
H.1.B. 2409	54 mm pipes	m	Rate only	R45,00
H.1.B. 2410	New Hot water cladding			
H.1.B. 2411	Supply and install on new hot water lines new Superior cladding for 45mm copper pipes , size 54mm x 13mm x 1.800mm high , all as describe by the manufactures specification for installations.	m	Rate only	R50,00
H.1.B. 2412	Conex Compression fittings			
H.1.B. 2413	15mm fittings	no	Rate only	R5,00
H.1.B. 2414	22mm fittings	no	Rate only	R15,00
H.1.B. 2415	28mm fittings	no	Rate only	R25,00
H.1.B. 2416	35mm bend	no	Rate only	R35,00
H.1.B. 2417	35mm tee	no	Rate only	R35,00
H.1.B. 2418	35mm reducer tee	no	Rate only	R35,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

NOTE: BIDDER'S BIDDING DOCUMENT RATES COMPARED WITH ITS EXCEL RATES AND CORRECTED, WITH THE FORMER TAKING PRECEDENCE.

RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2419	35mm elbow	no	Rate only	R35,00
H.1.B. 2420	35mm union	no	Rate only	R35,00
H.1.B. 2421	54mm x54 mm x 22mm Reducing Tee	no	Rate only	R45,00
H.1.B. 2422	54 mm C X C Copper couplings	no	Rate only	R45,00
H.1.B. 2423	54 mm C X C 90 ° Copper elbows	no	Rate only	R45,00
H.1.B. 2424	50 mm Inline strainer	no	Rate only	R45,00
H.1.B. 2425	50 mm Non return valves	no	Rate only	R45,00
H.1.B. 2426	Copcal Capillary fittings			
H.1.B. 2427	15mm fittings	no	Rate only	R5,00
H.1.B. 2428	22mm fittings	no	Rate only	R15,00
H.1.B. 2429	28mm fittings	no	Rate only	R25,00
H.1.B. 2430	35mm bend	no	Rate only	R35,00
H.1.B. 2431	35mm tee	no	Rate only	R35,00
H.1.B. 2432	35mm reducer tee	no	Rate only	R35,00
H.1.B. 2433	35mm elbow	no	Rate only	R35,00
H.1.B. 2434	35mm union	no	Rate only	R35,00
H.1.B. 2435	Sundries			
H.1.B. 2436	Carefully chase brickwork / concrete exposing damaged piping and / or fitting not exceeding 35mm diameter including making good plaster to match existing on completion (ceramic tiling and replacement elsewhere).	m	Rate only	R45,00
H.1.B. 2437	Carefully chase brickwork / concrete exposing damaged piping and / or fitting exceeding 35mm diameter including making good plaster and paint to match existing on completion (replacement elsewhere).	m	Rate only	R45,00
H.1.B. 2438	Core Drilling			
H.1.B. 2439	Core Drill in 250 mm Slab for new cold water reticulation 54 mm Diameter	no	Rate only	R45,00
H.1.B. 2440	Core Drill through 220mm brick wall for new 22mm Copper pipe	no	Rate only	R45,00
H.1.B. 2441	Apply new ceramic tiles to plastered or screeded finish including tile adhesive and grouting to match existing (in patches).	m ²	Rate only	R45,00
H.1.B. 2442	REPLACE DAMAGED ELECTRIC WATER HEATERS AND ACCESSORIES			
H.1.B. 2443	Note : All repairs, servicing and replacement to geysers shall comply with SANS 10254 Dated 15/10/2004			
H.1.B. 2444	KWIKOT OR EQUIVALENT: Geyser with a 5-year warranty			
H.1.B. 2445	Locate damage, isolate affected area including draining existing geyser, uncoupling water and electrical connection, lift and remove where required and replace with new geyser and / or accessories complete with re-fitting connections and bond to earth, all fixings, mountings brackets, etc. and leave in good working order.			
H.1.B. 2446	100 Litre standard high pressure universal wall or roof void mounted water heater complete with connection points for water inlet and outlet, safety valve connection point, sacrificial anode, spiral element and adjustable thermostat, drip tray, vacuum breakers (all other accessories elsewhere).	no	Rate only	R3 900,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2447	100 Litre semi pressure universal wall or roof void mounted water heater complete with connection points for water inlet and outlet, safety valve connection point, sacrificial anode, spiral element and adjustable thermostat, drip tray, vacuum breakers (all other accessories elsewhere).	no	Rate only	R4 500,00
H.1.B. 2448	150 Litre standard high pressure universal wall or roof void mounted water heater complete with connection points for water inlet and outlet, safety valve connection point, sacrificial anode, spiral element and adjustable thermostat, drip tray, vacuum breakers (all other accessories elsewhere).	no	Rate only	R5 500,00
H.1.B. 2449	150 Litre semi pressure universal wall or roof void mounted water heater complete with connection points for water inlet and outlet, safety valve connection point, sacrificial anode, spiral element and adjustable thermostat, drip tray, vacuum breakers (all other accessories elsewhere).	no	Rate only	R6 000,00
H.1.B. 2450	<u>HYDRO BOILER supply and install complete with a 1-year warranty</u>			
H.1.B. 2451	2.5 Lt Kwikot Kwikboil or equivalent Instant Water Dispensor	no	Rate only	R600,00
H.1.B. 2452	5.0 Lt Kwikot Kwikboil or equivalent Instant Water Dispensor	no	Rate only	R700,00
H.1.B. 2453	7.5 Lt Kwikot Kwikboil or equivalent Instant Water Dispensor	no	Rate only	R950,00
H.1.B. 2454	<u>Replacement Accessories</u>			
H.1.B. 2455	20mm Brass cold water inlet and draincock	no	Rate only	R150,00
H.1.B. 2456	20mm Brass temperature and pressure relief valve	no	Rate only	R600,00
H.1.B. 2457	Spiral element with thermostat pocket for 2, 3 or 4kW thermostat (thermostat elsewhere).	no	Rate only	R700,00
H.1.B. 2458	Sacrificial anode to match existing	no	Rate only	R750,00
H.1.B. 2459	2kW thermostat integrated double pole contact	no	Rate only	R1 500,00
H.1.B. 2460	3kW thermostat integrated double pole contact	no	Rate only	R1 600,00
H.1.B. 2461	4kW thermostat integrated double pole contact	no	Rate only	R1 800,00
H.1.B. 2462	20mm MI or 22mm CxC Brass vacuum breaker	no	Rate only	R800,00
H.1.B. 2463	22mm CxC Brass Hi-Flow Mono 100 or 200kPa pressure control valve with integral expansion relief valve.	no	Rate only	R600,00
H.1.B. 2464	22mm CxC Brass Hi-Flow Mono 400 or 600kPa pressure control valve with integral expansion relief valve.	no	Rate only	R800,00
H.1.B. 2465	20mm MI or 22mm CxC Brass Hi-Flow Mono 100 or 200kPa pressure control valve with integral isolating valve and expansion relief.	no	Rate only	R600,00
H.1.B. 2466	20mm MI or 22mm CxC Brass Hi-Flow Mono 400 or 600kPa pressure control valve with integral isolating valve and expansion relief.	no	Rate only	R800,00
H.1.B. 2467	Masterflo pressure reducing valve.	no	Rate only	R400,00
H.1.B. 2468	Feenix pressure reducing valve.	no	Rate only	R400,00
H.1.B. 2469	Latco pressure reducing valve.	no	Rate only	R400,00
H.1.B. 2470	<u>Sundries</u>			
H.1.B. 2471	Drain water heater, isolate and uncouple water and electrical connections, lift water heater, replace / install new uPVC tray complete with 40mm diameter outlet and discharge pipe not exceeding 5m long, and re-fit connection on completion.	no	Rate only	R200,00

SCHEDULE H.1.B BUILDING & CIVIL ENGINEERING WORKS

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RATES SET FOR ALL SUCCESSFUL BIDDERS

REF. NO.	DESCRIPTION	UNIT	QTY	RATE (Excl. VAT)
H.1.B. 2472	Drain water heater, isolate and uncouple water and electrical connections and remove existing geyser / water heater	no	Rate only	R250,00
H.1.B. 2473	Allowance for new piping into an existing geyser, vacuum breakers and pressure valve measured elsewhere	no	Rate only	R300,00
H.1.B. 2474	WATER TANKS - To roofs			
H.1.B. 2475	Supply and install water tanks to roof complete with connectors, pipes, valves, taps, etc. 40mm tank connector, Inlet and over flow with a 40mm fitting, 450mm lid on top of tank. Including hoisting to up to 12m high roof. Pumps measured elsewhere			
H.1.B. 2476	2 500 Lt Jojo or equivalent Vertical Water Tank	no	Rate only	R2 500,00
H.1.B. 2477	5 000 Lt Jojo or equivalent Vertical Water Tank	no	Rate only	R3 500,00
H.1.B. 2478	10 000 Lt Jojo or equivalent Vertical Water Tank	no	Rate only	R6 000,00
H.1.B. 2479	15 000 Lt Jojo or equivalent Vertical Water Tank	no	Rate only	R7 500,00
H.1.B. 2480	20 000 Lt Jojo or equivalent Vertical Water Tank	no	Rate only	R10 000,00
H.1.B. 2481	SCHEDULE No. 18			
H.1.B. 2482	MISCELLANEOUS CHARGERS - GENERAL BUILDING ITEMS			
H.1.B. 2483	SCAFFOLDING (To be used as directed by the Project Manager and to be deducted in whole or in part if not required)			
H.1.B. 2484	Scaffolding exceeding 3m high and not exceeding 10m wide in normal areas	day	Rate only	R700,00
H.1.B. 2485	Scaffolding exceeding 3m high and not exceeding 10m wide in confined/restricted areas	day	Rate only	R950,00
H.1.B. 2486	Scaffolding exceeding 3m to 10m high and not exceeding 10m wide in normal areas	day	Rate only	R1 200,00
H.1.B. 2487	Scaffolding exceeding 3m to 10m high and not exceeding 10m wide in confined/restricted areas	day	Rate only	R1 250,00
H.1.B. 2488	PLANT HIRE			
H.1.B. 2489	5kVa Generator	hour	Rate only	R350,00
H.1.B. 2490	10kVA Generator	hour	Rate only	R550,00
H.1.B. 2491	19 cfm Towable Compressor including miscellaneous	hour	Rate only	R250,00
H.1.B. 2492	50mm Water pump	hour	Rate only	R150,00
H.1.B. 2493	80mm Water Pump	hour	Rate only	R300,00
H.1.B. 2494	Jolly Jumper / Rammer	hour	Rate only	R350,00
H.1.B. 2495	Concrete breaker / hammer	hour	Rate only	R350,00
H.1.B. 2496	Hydraulic Jack	hour	Rate only	R250,00
H.1.B. 2497	12000 l Water Truck	hour	Rate only	R1 200,00