

ITEM NO	DESCRIPTION	UNIT	QTY	RATE	AMOUNT
	BILL No. 1				
	ALTERATIONS				
	PREAMBLES				
	For preambles refer to "Model Preambles for Trades"				
	SUPPLEMENTARY PREAMBLES				
	Demolitions and Works on Site				
	<p>All demolitions and works on site must be carried out carefully and in the safest possible manner and the Contractor is to make a thorough examination and take all necessary precautions before proceeding with the work. The utmost care is to be observed to avoid any structural or other damage in the remaining portions of the existing building. Special care is to be exercised not to interfere with any electrical installation, and notice is to be given to the Representative/Agent when any disconnections, removal of wires, etc. necessary and the Contractor is to afford every facility to the workmen carrying out his work. The Contractor shall not remove or interfere with any furniture, fittings or similar articles unless specially mentioned in the following items and shall give adequate notice to the Representative/Agent of the removal of any articles from parts of the building are to be altered becomes necessary so that the Employer may have same removed before the Contractor commences work in such parts. The Contractor will be held solely responsible for any damage to persons and property and for the safety of the structures and must make good at his expense any damage that may occur.</p> <p>Old materials to become property of the contractor</p> <p>Old materials from alterations except where described to be re-used or handed over, become the property of the contractor</p> <p>Old materials to be carted away</p> <p>Old materials from alterations except where described as re-used or handed over, as well as all rubbish, etc. must be regularly carted from the site and not be allowed to accumulate on or around the site.</p> <p>Old materials to be re-used</p> <p>None of the old materials are to be used for new work except where specifically described as being set aside for re-use.</p> <p>Handing over of materials</p>				

Where certain materials or articles from demolitions or alterations are described as to be handed over by the contractor to the Department's Representative or Representative/Agent such materials or articles shall be properly stored by the contractor until handing over thereof. The contractor must obtain an official receipt listing the materials or articles and dates of handover. If the contractor fails to submit the receipt when requested to do so it shall be deemed that the materials or articles are still in his possession and he will be held liable to the Department for the full replacement value thereof which amount will be deducted from any monies due to the contractor.

General

The contractor shall carry out the whole works with as little mess and noise as possible and with a minimum of disturbance to the occupants of the building. The contractor shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the Project Manager

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 principal agent

Doors, fanlights, fittings, frames, linings, etc. which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehanging, 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-varnishing is given separately

Prices for taking out of doors, windows, etc. shall include for removal of all beads, architraves, ironmongery, etc.

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

With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork

Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary

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.)

REMOVAL OF EXISTING WORK

Breaking down and removing unreinforced concrete:

1	150mm Concrete surface bed	m2	165
	Breaking up and removing reinforced concrete, including cutting off and removing reinforcement:		
2	250mm Thick slabs	m2	139
	Breaking down and removing brickwork etc		
3	Half brick wall	m2	127
4	One brick wall	m2	128
	Taking out and removing doors, windows, etc from brickwork to be demolished		
5	Timber single door and steel frame not exceeding 2,5m2	No	85
	Taking out and removing doors, windows, etc. including thresholds, cills, etc:		
6	Timber single door and steel frame not exceeding 2,5m ²	No	74
	Cut out steel window sections leaving the sub-frame only and prepare sub-frame to receive new aluminium casement system windows (new aluminium casement system windows elsewhere measured):		
7	Steel window size 1 500 x 1 000mm high overall	No	52
	Taking down and removing roofs, floors, panelling, ceilings, partitions, etc		
8	corrugated roof sheeting including tiles, fascia, gutters, etc complete (area measured on flat)	m2	308
9	Corrugated roof sheets	m2	98
10	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	540
11	Rainwater goods and replace with new (e.m)	m	350
12	Take down and remove fascias and replace with new (new elsewhere)	m	39
13	Carefully remove existing waterproofing from concrete flat roof and prepare surfaces for new waterproofing	m2	0
	Taking off and removing skirtings:		
14	Timber skirtings from brickwork	m	15
	Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes		
15	Tiles to floors	m2	150

16	Tiles to walls	m2	150
	Taking up and removing vinyl floor coverings, carpeting, etc:		
17	Carpet floor covering including preparing screed for new carpet, vinyl sheeting or tile etc. (new floor finish elsewhere)	m2	480
	Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)		
18	Vitreous china wash hand basin	No	45
19	Vitreous china WC pan with cistern	No	47
20	Stainless steel urinal 2000 x 1200mm high including breaking up and removing 400mm wide concrete urinal step	No	19
	Remove and replace ironmongery:		
21	Brass window sliding stays	No	38
	Taking out and removing glass and mirrors:		
22	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	25
23	Mirror 400 x 600mm high from wall	No	14
	BUILDING UP OPENINGS		
	Brickwork in NFP bricks in class II mortar in building up openings		
24	One brick walls	m2	20
	Sundries		
25	Cutting toothings and bonding new brickwork to existing	m2	4
	MAKING GOOD OF FINISHES ETC		
	Making good screed		
26	Floors where one brick walls removed	m	4
27	Making good defects in existing screeded floors with "Pavelite"	m2	45
	Making good cement plaster:		
28	Face of walls where one brick walls removed	m	5
	CUTTING THROUGH FLOORS AND CEILINGS		
29	Cutting through 150mm thick concrete surface bed for 700mm wide concrete wall footing including making good concrete on both sides of new one brick wall	m	26
30	Cutting through premix and layer works for 750mm wide x 250mm thick concrete thickening under half brick wall (making good elsewhere)	m	23

OPENINGS THROUGH EXISTING WALLS ETC

Breaking out for and forming plain openings through brick walls, including prestressed concrete lintels, making good cement plaster on both sides and into reveals with steel trowelled finish (making good paintwork elsewhere):

31	Opening for single door 813 x 2032mm high	No	2
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HIGH PRESSURE CLEANING

High pressure cleaning to existing metal, face brick, plastered surfaces and brick paving

32	Metal roof sheeting	m2	350
33	Ceramic floor tiles	m2	12

SERVICING OF WINDOWS, DOORS, PLUMBING, ETC.

Attend to, service, re-align and repair as necessary all steel windows including replacing any defective or missing parts:

34	Window size approximately 1 500 x 1 500mm high overall	No	4
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STRUCTURAL REPAIRS

Repair concrete spalling using "Sika MonoTop-615 HB" or similar approved in accordance with manufacturer's specification

35	Concrete spalling to edges of overhead slabs and beams	m2	140
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Clean and prepare substrate and apply 'Sikadur - 52' or similar approved crack injection system, all in accordance with manufacturer's instructions:

36	Repair cracks in brick walls	m	250
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SUNDRIES

37	Clean off graffiti from walls using "Plascon Remove All"	m2	25
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TOTAL ALTERATIONS

BILL No. 2

EARTHWORKS

PREAMBLES

For preambles refer to "Model Preambles for Trades"

EXCAVATION, FILLING, ETC OTHER THAN BULK

Excavation in earth not exceeding 2m deep

1	Trenches	m3	40
2	Holes	m3	40
3	Trenches and holes for thickening under surface beds etc.	m3	25
	Extra over trench and hole excavations in earth for breaking up and removing		
4	Brickwork	m3	35
5	Unreinforced concrete	m3	25
6	Reinforced concrete	m3	23
	Extra over all excavations for carting away		
7	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	30
	Risk of collapse of excavations		
8	Sides of trench and hole excavations not exceeding 1,5m deep	m2	80
	Keeping excavations free of water		
9	Keeping excavations free of all water other than subterranean water	Item	
	Earth filling supplied by the contractor compacted to 98% Mod AASHTO density		
10	Backfilling to trenches, holes, etc.	m3	25
	Garden soil filling supplied by the contractor		
11	In flower boxes	m3	5

TOTAL EARTHWORKS

BILL No. 3

CONCRETE, FORMWORK AND REINFORCEMENT

PREAMBLES

For preambles refer to "Model Preambles for Trades"

Contractors are to take note of the local procurement requirement in this section of the work

REINFORCED CONCRETE

25MPa/19mm concrete

1	Slabs including beams and inverted beams	m3	55
2	Ramp	m3	35
3	Strip footings	m3	32
4	Columns in foundations	m3	29
5	Columns	m3	27

REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

25MPa/19mm concrete:

6	Bases	m3	3
7	Surface beds on waterproofing	m3	3

ROUGH FORMWORK (DEGREE OF ACCURACY III)

Rough formwork to sides

8	Bases	m2	35
9	Rectangular columns in foundations	m2	29
10	Rectangular columns	m2	39
11	Beams	m2	27
12	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	24

Rough formwork to soffits:

13	Slabs propped up exceeding 1,5m and not exceeding 3,5m high	m2	39
14	Beams propped up exceeding 1,5m and not exceeding 3,5m high	m2	36

MOVEMENT JOINTS ETC.

Malthoid slip joints between horizontal concrete and brick surfaces including cement mortar bed:

15	Not exceeding 300mm wide	m	209
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REINFORCEMENT

Steel reinforcement to structural concrete work:

16	Various diameter bars	t	7
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Fabric reinforcement:

17	Type 395 fabric reinforcement in concrete surface beds, slabs, etc	m2	150
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TOTAL CONCRETE, FORMWORK AND REINFORCEMENT

BILL No. 4

MASONRY

PREAMBLES

For preambles refer to "Model Preambles for Trades"

SUPPLEMENTARY PREAMBLES

BRICKWORK

Sizes in descriptions

Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick

Hollow walls etc

Descriptions 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.

FOUNDATIONS

Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar

1	One brick walls	m2	98
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2	280mm Hollow walls of two half brick skins including wire ties and filling 60mm cavity solid with 15MPa/19mm stone unreinforced concrete	m2	78
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SUPERSTRUCTURE

Brickwork of NFP bricks in class II mortar

3	Half brick walls	m2	59
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4	One brick walls	m2	68
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5	280mm Hollow walls of two half brick skins including wire ties	m2	100
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BRICKWORK SUNDRIES

6	Closing 60mm cavity of hollow wall vertically with brickwork half brick wide	m	44
7	Closing 60mm cavity of hollow wall horizontally with one course of brickwork	m	45
	Brickwork reinforcement		
8	75mm Wide reinforcement built in horizontally	m	67
9	150mm Wide reinforcement built in horizontally	m	50
	Prestressed fabricated lintels:		
10	110 x 75mm Lintels in lengths not exceeding 3m	m	10
11	150 x 70mm Lintels in lengths not exceeding 3m	m	10

TOTAL MASONRY

BILL No. 5

FLOOR COVERINGS, WALL LININGS, ETC.

PREAMBLES

For preambles refer to "Model Preambles for Trades"

FLOORS, ETC.

1	12.3mm Thick x 188mm wide Glueless 'click system' laminated flooring	m2	255
2	Berberpoint920T floor carpet tiles	m2	850

TOTAL FLOOR COVERINGS

BILL No. 6

IRONMONGERY

PREAMBLES

For preambles refer to "Model Preambles for Trades"

SUPPLEMENTARY PREAMBLES

Finishes to ironmongery

Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded

HINGES, BOLTS, ETC

'Union' or similar approved hinges:

1	100mm Brass hinge	No	100
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'DCLSA' or similar approved

2	Mortice WC indicator turn withlock (194/01)	No	100
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LOCKS

'DCLSA' or similar approved

3	Aries aluminium cylinder lockset (C9010C)	No	100
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4	Three lever lockset	No	100
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BATHROOM FITTINGS

'Kimberley-Clark' or similar approved:

5	Electronic touch free hand cleanser skincare dispenser (white colour) Code 9214700	No	100
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6	Hand cleansing dispenser (code 921950)	No	100
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'Sanicorp' or similar approved toilet roll holder:

7	White powder coated toilet roll holder fixed to wall complete	No	100
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'Franke' or similar approved:

8	Grab rail fixed to wall according to manufacturer's specification (CNTX 650 code 359973)	No	44
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9	'Charman' IL3 cranked grab rail fixed to wall according to manufacturer's specification (CNTX 700 code 135)	No	44
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THE FOLLOWING IN IRONMONGERY TO WINDOWS

CATCHES, STAYS, ETC

Halcast or similar approved:

10	Ref PS/50/300mm-BR brass casement stay fixed to steel windows	No	45
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SUNDRIES

'DCLSA' or similar approved

11	38mm Diameter rubber door stop	No	100
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TOTAL IRONMONGERY

BILL No. 7

METALWORK

PREAMBLES

For preambles refer to "Model Preambles for Trades"

Contractors to take note of the local procurement requirement in this section of the work

SUPPLEMENTARY PREAMBLES

Descriptions

Descriptions of bolts shall be deemed to include nuts and washers

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

Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described

GALVANISED SCREENS

1	1700x1700mm Galvanised mesh panel comprising of 50x50x3mm galvanised angle frame and 50x25x2.5mm galvanised welded fencing mesh	No	80
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GALVANISED STEEL GATES, SCREENS, ETC.

Galvanised mild steel security gates:

2	Single gate approximate size 900 x 2 200mm high overall with fixed top panel size 900 x 200mm high, comprising of 60 x 40 x 2mm hollow section frame, middle rail and vertical bars at 100mm centres and fitted with a pair of suitable hinges bolted to wall with and including 100mm expansion bolts	No	80
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Galvanised mild steel burglar bars:

3	Burglar bars to suit window opening approximate size 1 500 x 1 500mm high	No	35
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ALUMINIUM WINDOWS

38mm Natural anodised aluminium casement system windows, glazed in accordance with part N glazing regulations using 6.38mm laminated safety glass including all ironmongery, glass and polyurethane sealant. A barrier is to be applied between the steel and aluminium sections and machine screws to be used during installation. An aluminium flat bar is to be used to clad the existing steel frames to the interior of the windows:

Purpose made aluminium windows including ironmongery, glass and polyurethane sealant:

4	Window 1 500 x 1 500mm high, with and including Opaque vinyl sheeting stuck to glass	No	35
5	Window 1 500 x 1 000mm high	No	35

STEEL ROLLER SHUTTERS, ETC.

Action Steel or similar approved galvanised steel roller shutters fixed to brickwork or concrete:

6	Electrically operated push up roller shutter for 1 800 x 2 200mm high opening	No	1
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HOT- DIP GALVANISED BALUSTRADES

Mentis Inter-Link Handrail System comprising handrail, knee rail, stanchions, etc fixed to top of brick paving

7	34,1mm Outside diameter handrailing (new item)	m	80
8	MTA30 stanchion (new item)	No	50
9	MST45 stanchion (new item)	No	50
10	90 Degree straight closure - 500mm (new item)	No	50
11	40 Degree stairway bend (new item)	No	50

TOTAL METALWORK

BILL No. 8

PLASTERING

PREAMBLES

For preambles refer to "Model Preambles for Trades"

SCREEDS

Untinted granolithic on concrete:

1	30mm Thick on floors and landings	m2	500
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	Screeds wood floated on concrete		
2	30mm Thick on floors and landings	m2	500
3	30mm Thick on floors and landings to falls and cross falls	m2	500
4	Average 75mm thick on floors on waterproofing membrane to falls and currents	m2	500
	INTERNAL PLASTER		
	Cement plaster on brickwork		
5	On walls	m2	500
6	On narrow widths	m2	100
	Cement plaster on concrete:		
7	On ceilings and beams	m2	500
	Gypsum skim plaster on concrete:		
8	On soffit of slabs	m2	500
	EXTERNAL PLASTER		
	Cement plaster on brickwork		
9	On walls	m2	500
10	On narrow widths	m2	250
	One coat cement plaster on concrete:		
11	On sides and soffits of beams	m2	250
	Cement plaster on existing face brickwork		
12	On walls	m2	500
13	On narrow widths	m2	250

TOTAL PLASTERING

BILL No. 9

TILING

PREAMBLES

For preambles refer to "Model Preambles for Trades"

SUPPLEMENTARY PREAMBLES

Descriptions

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

WALL TILING

200 x 200mm gloss white ceramic first grade tiles fixed with adhesive to plaster (plaster elsewhere).

1	On walls	m2	45
2	On narrow widths	m2	9

FLOOR TILING

450 x 450mm porcelain floor tiles fixed with adhesive to plaster (plaster elsewhere) and flush pointed with waterproof jointing compound.

3	On floors and landings	m2	65
4	On narrow widths	m2	9
5	Skirting 150mm high	m	20

Polish to existing floor tiles

6	On floors and landings	m2	50
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CORNER PROTECTORS, DIVIDING STRIPS, ETC

7	PVC round edge trim	m	50
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TOTAL TILING

BILL No. 10

GLAZING

PREAMBLES

For preambles refer to "Model Preambles for Trades"

GLAZING TO STEEL WITH PUTTY

4mm Clear float glass

Replace damaged window panes including removing old pane and putty

1	Panels exceeding 0,1m2 and not exceeding 0,5m2	m2	6
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Sandblasting:

Opaque sandblast translucent embossed vinyl film installed in accordance with manufacturer's instructions:

2	On windows	m2	15
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TOPS, SHELVES, DOORS, MIRRORS, ETC.

6mm Silvered float glass copper backed mirrors, holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete:

3	Mirror 300 x 400mm high with 4 screws	No	5
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TOTAL GLAZING

BILL No. 11

PAINTWORK

PREAMBLES

For preambles refer to "Model Preambles for Trades"

PREPARATORY WORK TO EXISTING WORK

Previously painted plastered surfaces

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 a suitable filler and finished smooth

Previously painted metal surfaces

Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal

Previously painted wood surfaces

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

PAINTWORK ETC TO NEW WORK
ON FLOATED PLASTER

One coat sealer and two coats interior quality PVA emulsion paint

1	On internal walls	m2	1000
2	On external walls	m2	1000
3	On ceilings and beams	m2	1000

ON PLASTER BOARD

One coat sealer and two coats interior quality PVA emulsion paint

4	On partitioning	m2	500
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ON FIBRE-CEMENT

One coat primer and two coats exterior quality PVC emulsion paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091

5	On fascias and barge boards	m2	300
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ON METAL

Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and prime with one coat primer and two coats polyurethane enamel paint on steel:

6	On members of lattice columns and beams	m2	200
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ON WOOD

One coat wood primer, one undercoat and two coats alkyd enamel paint

7	On doors	m2	10
8	On door frames etc	m2	5
9	On skirtings, rails, etc not exceeding 300 mm girth	m	30

PAINTWORK ETC TO PREVIOUSLY PAINTED WORK

ON FLOATED PLASTER

One coat primer and two coats interior quality PVA emulsion paint

10	On internal walls	m2	500
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ON FIBRE-CEMENT, ETC.

Prepare surfaces and remove all loose material, apply one coat plaster primer and two coats polyurethane enamel paint:

11	On eaves soffits	m2	150
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ON METAL

One coat self-etching primer, one undercoat and 2 coats alkyd enamel paint in colours which have a value of 7 or less on the Munsell system in accordance with SABS 1091 on galvanized steel

12	On windows	m2	100
13	On columns and beams	m2	100
14	On members of lattice columns and beams	m2	100
15	On sides, columns, balustrading, etc of overhead bridge	m2	100

ON PAVING, ASPHALT, ETC
Road marking paint

16	100mm white line on roadwork	m	100
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TOTAL PAINTWORK

SUMMARY:

1	Alterations	R
2	Earthworks	R
3	Concrete, Formwork and Reinforcement	R
4	Masonry	R
5	Floor Covering	R
6	Ironmongery	R
7	Metalwork	R
8	Plastering	R
9	Tiling	R
10	Glazing	R
11	Paintwork	R

Total Summary		R _____
Add: Health and Safety		R
Add: Preliminaries & General		R
Sub Total		R _____
VAT @ 15%		
Bidders to Note:	Total Tender Amount	R _____
<i>Tender Amount to be used for Tender Purposes</i>		