

**FACILITIES MAINTAINANCE**

DESCRIPTION	UNIT	QTY	RATE	AMOUNT
<b>PRELIMINARY AND GENERAL</b>				
<b>CONTRACTOR'S ESTABLISHMENT ON SITE AND GENERAL OBLIGATIONS</b>				
<b>FIXED CHARGES ITEMS</b>				
Contractual Requirements	Sum	1		
Site Offices and Storage Sheds including temporary fencing.	Sum	1		
Ablution and latrine facilities	Sum	1		
Tools and Equipment	Sum	1		
Remove contractor's site establishment	Sum	1		
<b>TIME RELATED ITEMS</b>				
Site Offices and Storage Sheds	Month	48		
Ablution and latrine facilities	Month	48		
Tools and Equipment	Month	48		
Company/head office overhead cost.	Month	48		
Supervision	Month	48		
Quality management	Month	48		



<b>HEALTH AND SAFETY</b>				
Prepare, submit and obtain approval of safety plan/file and lodge same on site.	Sum	1		
Personal Protective Equipment	Sum	1		
Transportation of Employees	Month	48		
Environmental management	Month	48		
<b><i>Preliminary and General</i></b>				
<b><u>BUILDING WORKS</u></b>				
<b><u>EARTHWORKS</u></b>				
<b>Excavate in earth not exceeding 2000mm deep in</b>				
Trenches	m3	5000		
Holes	m3	3500		
<b>Extra Over all excavation for cartway</b>				
Surplus material from excavations and or stock pile to an approved dumpsite to be located by the contractor.	m3	10000		
<b>Selected material supplied by the contractor and compacted Mod AASHTO maximum density.</b>				
Backfilling to trenches with G7 fill compacted in 150mm layers to 95% MOD AASHTO	m3	1500		
<b>Compaction of Surfaces</b>				
Compaction to bottoms of trenches and hole excavation to 93% MOD AASHTO density.	m2	1500		
<b>CONCRETE FORMWORK AND REINFORCEMENT</b>				
<b>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</b>				
<b>Concrete blinding 15Mpa/19mm</b>				
Surface blinding under footings and bases	m3	1000		

<b>Concrete 25Mpa/19mm</b>				
Footings	m3	1500		
Plinths	m3	800		
<b>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</b>				
<b>Concrete 25Mpa/19mm</b>				
Footings	m3	1000		
<b>Concrete 30Mpa/19mm</b>				
Column bases	m3	800		
Aprons	m3	500		
<b>REINFORCED CONCRETE</b>				
<b>Concrete 25Mpa/19mm</b>				
Surface beds cast on waterproofing	m3	1500		
<b>Concrete 30Mpa/19mm</b>				
Slabs including beams and inverted beams	m3	1000		
Walls	m3	500		
<b>CONCRETE SUNDRIES</b>				
<b>Finishing top surfaces of concrete with steel float</b>				
Surface beds, slabs etc.	m2	5000		
<b>FORMWORK</b>				
<b>Rough formwork to sides of</b>				
Retaining wall in foundation	m <sup>2</sup>	1 000		
Edges, risers, ends and reveals not exceeding 300mm high or wide	m	1 000		
<b>Smooth formwork to soffits</b>				
Slabs not exceeding 250mm thick propped up exceeding 1.5m and not exceeding 3,5m high	m <sup>2</sup>	1 000		
<b><u>MOVEMENT JOINTS, ETC</u></b>				



<b>Expansion joints with 12mm thick softboard between vertical concrete surfaces</b>				
12mm Joints between surface bed	m	1 500		
<b>Saw cut joints</b>				
3 x 50mm Saw cut joints in top of concrete	m	1 200		
<b><u>REINFORCEMENT</u></b>				
<b>High tensile steel reinforcement to structural concrete work</b>				
8mm Diameter bars	t	10,00		
12mm Diameter bars	t	10,00		
16mm Diameter bars	t	10,00		
<b>Mild tensile steel reinforcement to structural concrete work</b>				
8mm Diameter bars	t	10,00		
12mm Diameter bars	t	10,00		
16mm Diameter bars	t	10,00		
<b><u>Fabric reinforcement</u></b>				
Type 193 fabric reinforcement in concrete surface beds, slabs, etc	m <sup>2</sup>	3 000		
Type 395 fabric reinforcement in concrete surface beds, slabs, etc	m <sup>2</sup>	3 000		
<b><u>BRICKWORK</u></b>				
<b><u>FOUNDATIONS</u></b>				
<b>Brickwork of cement stock bricks (14 MPa nominal compressive strength) in class I mortar</b>				
One brick walls	m <sup>2</sup>	2 500		
Half brick walls	m <sup>2</sup>	3 000		
<b><u>SUPERSTRUCTURE</u></b>				
<b>Brickwork of NFP bricks in class II mortar</b>				

Half brick walls	m <sup>2</sup>	5 000		
One brick walls	m <sup>2</sup>	6 000		
<b><u>BRICKWORK SUNDRIES</u></b>				
<b>Brickwork reinforcement</b>				
75mm Wide reinforcement built in horizontally	m	50 000		
150mm Wide reinforcement built in horizontally	m	30 000		
<b><u>WATERPROOFING</u></b>				
<b><u>DAMPPROOFING OF WALLS AND FLOORS</u></b>				
<b>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course</b>				
In walls, under sills, over lintels, at jambs, etc. including flushing up brickwork solid with mortar	m <sup>2</sup>	2 300		
<b>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</b>				
Under surface beds, etc	m <sup>2</sup>	1 100		
<b>One coat "Sika Cemflex with membrane" waterproofing</b>				
On floors	m <sup>2</sup>	10 000		
<b>One Layer of Debigum torch-on waterproofing on concrete surfaces</b>				
On Concrete slabs	m <sup>2</sup>	15 000		
<b>One Layer of ABE Peel and stick waterproofing membrane</b>				
On roof sheets	m <sup>2</sup>	10 000		
<b>Green Coat Eco Paint rubberising waterproofing .</b>				
On roof sheets	m2	28 000		
<b><u>ON BARE CONCRETE</u></b>				
<b>Sikagard-703W water based penetrating water repellant colour Clear applied in accordance with the manufacturer's recommendations</b>				
On walls	m <sup>2</sup>	1 000		

On soffits	m <sup>2</sup>	500		
On narrow widths	m <sup>2</sup>	300		
<b><u>JOINT SEALANTS, ETC</u></b>				
<b>Clear silicone sealing compound</b>				
Point between aluminium frames and face of brickwork and plaster work	m	5 000		
<b>Two-part grey polysulphide sealing compound applied with a caulking gun including backing cord, bond breaker, primer, etc</b>				
8 x 12mm In saw cut joints in floors	m	1 500		
12 x 12mm In expansion joints in surface beds including raking out expansion joint filler as necessary	m	800		
<b><u>ROOF COVERINGS ETC</u></b>				
<b>IBR 686mm Covering Galvanised roof Sheets with a thickness of 0,8mm, colour to match the existing</b>				
Roof covering with pitch not exceeding 25 degrees including fascia trim, headwall and counterflashing	m <sup>2</sup>	8 000		
<b>Corrugated 762mm Covering Galvanised roof sheets with a thickness of 0,80mm, Colour to match the existing</b>				
Roof covering with pitch not exceeding 25 degrees including fascia trim, headwall and counterflashing	m <sup>2</sup>	8 000		
<b><u>ROOF AND WALL INSULATION</u></b>				
<b>Isotherm 135mm thick thermally bonded polyester thermal insulation, fitted between rafters.</b>				
Insulation laid taut over rafters and fixed concurrent with roof coverings	m <sup>2</sup>	16 000		
<b><u>CARPENTRY AND JOINERY</u></b>				
<b><u>DOORS, ETC</u></b>				
<b>solid door for external use to match the existing</b>				
Single door, size 813 x 2032mm high	No	720		
<b>Hallow core doors for internal use to match the existing</b>				

Single door, size 813 x 2032mm high	No	720		
<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u></b>				
6,4mm gymsum ceiling boards, fixed to 38 x 38mm battens at 450mm centres. All joints to be covered using H-profile steel jointing strips, all in accordance with the manufacturer's recommendations				
Ceilings fixed to trusses	m <sup>2</sup>	20000		
<b>20mm x76mm gypsum Cornice</b>				
Cornice	m	10000		
<b>Suspended Ceiling Tile MicroLook 15mm or similar and approved to match the existing</b>				
Ceiling tiles	m <sup>2</sup>	15000		
<b>Carpet Tiles</b>				
500x500x6.5mm thick (berber point 650)Colour to match the existing	m <sup>2</sup>	10000		
<b>Vinyl Tiles</b>				
305mm X 305mm x1mm flexible vinyl tiles	m2	10000		
<b><u>IRONMONGERY</u></b>				
<b>LOCKS, DOOR HANDLES,ETC</b>				
<b><u>LOCKS</u></b>				
Union 4Lever lock sets	No	720		
Uninon 3 Lever Locksets	No	960		
<b><u>DOOR STOP</u></b>				
"UNION or similar approved stainless steel door stop with Stainless Steel finish	No	480		
<b><u>METALWORK</u></b>				
Window peg Stay Screw M6x12	No	960		
Window Sliding stay screw M6x9,5mm	No	960		
Window Sliding Stay 270mm Brass	No	960		

Window Handle Screw M8x19mm	No	960		
Window Hangle Nylon Bushes	No	960		
<b><u>RAIN WATER GOODS</u></b>				
<b><u>Galvanised sheet iron with "Chromadek" finish or similar and approved</u></b>				
250mm x 200mm Box Gutter complete with angle, stopped end and outlet for down pipe.	m	966		
150mm x 150mm Galvanised Gutter complete with angle, stopped end and outlet for down pipe.	m	500		
150mm x 150mm Galvanised Rainwater Pipe complete with plinth offset, shoe, etc	m	1 805		
<b><u>INDUSTRIAL GUTTER AND DOWN PIPE</u></b>				
<b><u>Industrial Roof Gutter or similar and approved</u></b>				
150 x 150 mm Industrial gutter	m	800		
<b><u>Down pipe</u></b>				
3000mm x 100 x 75mm Down pipe including shoes, projection and etc.	No	300		
<b><u>ALUMINIUM GUTTERS</u></b>				
Aluminium seamless gutters 150mmx 140mm or similar and approved.	m	1200		
Aluminium downpipes 100mm x 75mm including shoes,projection and etc	No	800		
<b><u>PLUMBING AND DRAINAGE</u></b>				
Supply and installation of 7.5L Hydro boils	No	144		
<b><u>MINOR ELECTRICAL WORKS</u></b>				
Extractor fan in bathroom. Same or similar and Approved	No	672		
Isolator for extractor fan	No	800		
<b><u>Supply and install Light Fittings</u></b>				
LED tubes 18W	No	200		



LED tubes 16W	No	5000		
LED tubes 22W	No	5000		
400W mecury lamp	No	100		
PLG flourescent tube	No	500		
250W son-T lamp	No	1000		
400W sonT lamp	No	1000		
Bulkhead lights	No	2000		
<b><u>PLASTERING</u></b>				
<b><u>SCREEDS</u></b>				
<b>1:3 cement plaster screeds steel trowelled on concrete</b>				
30mm Thick on floors and landings	m <sup>2</sup>	5 000		
<b><u>PLASTER</u></b>				
<b>One coat plaster on brick work to be painted</b>				
On walls	m <sup>2</sup>	5 000		
On narrow widths	m <sup>2</sup>	1 500		
<b>One coat cement plaster on brickwork to receive tiling</b>				
On walls	m <sup>2</sup>	5 000		
<b><u>TILING</u></b>				
<b>600 x 300mm porcelain wall tiles laid on screed (screed elsewhere measured) and flush pointed with grout and sealed with approved sealer</b>				
On walls	m <sup>2</sup>	10 000		
<b>Sundries</b>				
12mm X 2.5m Aluminium edge trim	m	800		
<b>150x 150mm porcelain wall tiles laid on plastered wall (plaster elsewhere measured) and flush pointed with grout and sealed with approved sealer</b>				
On walls	m <sup>2</sup>	1 200		

<b>Sundries</b>				
12mm X 2.5m Aluminium edge trim	m	500		
<b><u>FLOOR TILING</u></b>				
<b>600 x 600mm porcelain floor tiles laid on screed (screed elsewhere measured) and flush pointed with grout and sealed with approved sealer</b>				
On floors and landings	m <sup>2</sup>	15 000		
100mm high skirting	m	5 000		
<b>300 x 300mm porcelain floor tiles laid on screed (screed elsewhere measured) and flush pointed with grout and sealed with approved sealer</b>				
On floors and landings	m <sup>2</sup>	12 000		
100mm high skirting	m	1 800		
<b><u>GLAZING</u></b>				
<b>GLAZING TO STEEL WITH PUTTY</b>				
<b>6,38mm Normal strength clear laminated glass</b>				
Panes exceeding 0,1 and not exceeding 0,5m2	m2	1000		
<b>6,38mm Normal strength obscured laminated glass</b>				
Panes exceeding 0,1m2 and not exceeding 0,5m2	m2	700		
<b><u>PAINTWORK</u></b>				
<b>ON INTERNAL FLOATED PLASTER SURFACES</b>				
<b>One coat merit plaster primer thinned with 20% mineral turpentine and two coats Plascon Polvin Double Velvet Pure Acrylic emulsion paint or similar approved</b>				
On internal walls	m2	28000		
On ceilings and beams	m2	6000		
On projecting and isolated columns	m2	2500		
<b>ON EXTERNAL FLOATED PLASTER SURFACES</b>				
<b>One coat merit plaster primer thinned with 20% mineral turpentine and two coats Plascon Weather Guard emulsion paint or similar and Approved.</b>				

On external walls	m2	18000		
<b>One coat merit plaster primer thinned with 20% mineral turpentine and two coats Plascon Weather creosote</b>				
On Sprokets	m2	12000		
<b>ON FIBRE-CEMENT</b>				
<b>One coat merit plaster primer thinned with 20% mineral turpentine and two coats Plascon Wall &amp; All emulsion paint or similar and approved</b>				
On ceilings and cornices	m2	20000		
On fascias and barge boards	m2	8000		
On window sills not exceeding 300mm girth	m	6000		
<b>ON METAL</b>				
<b>Spot priming defects in pre-primed surfaces with Namelcoat synthetic metal primer, one coat merit universal undercoat and two coats Plascon Velvaglo Satin Polyurethane enamel paint on steel</b>				




On door frames	m2	15000		
On windows with burglar bars	m2	12000		
On columns and beams (Provisional)	m2	10700		
On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	15000		
On gutters	m <sup>2</sup>	20 000		
On doors	m <sup>2</sup>	10 000		
On steel stair treads	m <sup>2</sup>	10 000		
Carpots	m <sup>2</sup>	28000		
Corrugated or IBR roof sheeting	m <sup>2</sup>	55600		
<b>ON WOOD</b>				
<b>Three coats "Woodoc" varnish including sanding between each coat</b>				
On doors	m2	10000		
On roof timbers (Provisional)	m2	5000		
<b>One coat wood primer, one coat universal undercoat and two coats Plascon Double Velvagio Satin Polyurethane enamel paint</b>				
On doors	m2	12000		
<b>ON WATERPROOFING</b>				
<b>Two coats of Aluminium Silver Paint</b>				
On torch on waterproofing	m2	10000		
<b>ON ROADS AND PARKING BAYS</b>				
<b>Two coats of Plascon Hysheen road marking</b>				
White Colour on Roads and parking Bays	m2	20000		
Red Colour	m2	10000		
Yellow Colour	m2	10000		
<b>SUB-TOTAL A</b>				

VAT			15%	
Form of offer				

