

SCHEDULE OF QUANTITIES

STATION REFURBISHMENT AT VEREENIGING STATION

<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	Amount
<u>No</u>	SECTION 1				
	BILL NO. 1				
	PRELIMINARY AND GENERAL				
	Preliminary and General				
	The JBCC Series 2000 Principal Building Agreement (JBCC 5.1 March 2014) prepared by the				
	Joint Building Contracts Committee, shall be the agreement, amended as hereinafter				
	The Preliminaries for use with the JBCC Series 2000 Principal Building Agreement (JBCC 5.1 March 2014 edition) prepared by the Joint Building Contracts Committee, shall be deemed to be incorporated in these bills of quantities Contractors are referred to the abovementioned documents for the full intent and meaning of each clause thereof These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the above-mentioned documents				
	SECTION A: PRINCIPAL BUILDING AGREEMENT				
	1 Clause 1.0 - Definitions and interpretation Interpretation (A1-A7)				
1	General Preliminaries to Include Appointment of Local CLO, site clearance of trees, shrubs, access vegitation and make good	Sum	1		
	Occupational Health and safety				
	The contractor shall comply with all the requirements set out in the Construction Regulations, issued under The Occupational Health & Safety Act no 85 of 1993.				
	Safety file shall be provided by the contractor prior to commencement of work.				
	The contractor shall carry out the works with as little noise and mess as possible. All rubble shall be taken away from site on a daily basis.				
	Note: All designated items should comply with local content threshold.				
2	Compliance with Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety	Sum	1		0
			Carried t	o final summary	
Item	Description	Unit	Quantity	<u>Rate</u>	0 Amount
No.	SECTION NO. 2				
	CIVIL AND GENERAL BUILDING WORK AT VEREENIGING STATION				
	BILL NO. 1				
	ALTERATIONS				
	SUPPLEMENTARY PREAMBLES				
	General				
	Special care shall be exercised during the progress of the work to ensure that any electrical installations, water supply				
	pipes, telephone and other services which may be encountered are not interfered with and notice shall be given				
	to the project manager if any disconnection or				
	alterations become necessary				

		1		I I	
	The contractor shall take all precautions necessary to				
	prevent any nuisance from dust whilst carrying out the work				
	Leave in good condition				
	The contractor must leave the existing building, in which				
	the alterations are executed ,clean and neat at completion				
	Price shall include removal and disposal of rubble from site				
	REMOVAL OF EXISTING WORK				
	Talian days and savarian calling				
	Taking down and removing ceiling				
1	Rhino Board	m²	80		
	Taling days and sometime days				
	Taking down and removing doors				
2	Timber single door 813 x 2032	No.	4		
	Taking out and removing glass, beads, etc				
3	Brocken window pane from steel frame including upgrading, cleaning and preparation to receive new	m²	10		
3	receive new	m²	10		
	Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar				
	bed or backing and preparing concrete or brick surface for new screed, plaster or tile				
	finishes				
4	150 x 150mm tiles to walls	m²	5		
5	500 x 500mm tiles to floors	m²	5		
	Taking out and removing piping, sanitary fittings, etc including disconnection piping from				
	fittings				
•	Ol Carantia and and sisters	NI-			
6	9l Ceramic pan and cistern	No	7		
7	9l Ceramic cistern	No	1		
8	Flushing mechanism for 9I Ceramic cistern	No	2		
9	Wash hand basin including all fittings	No	2		
	_				
10	Taps	No	5		
11	Down pipes all sizes	m	150		
12	Gutters all sizes	m	200		
	Taking out and removing roof tiles				
		_			
13	Redland roof tiles	m²	50		
	Taking out and removing locks				
14	3 lever union locks with handles	No.	2		
15	Large ultra locks	No.	2		
16	Cylinder secutity gate locks	No.	6		
	Taking out and removing manhole covers and frames				
17	600 x 900mm steel manhole frame including surface preparation to receive new	No.	5		
	Clean down existing has guttere flackings [the smalled a matter command to smalled				
	Clean down existing box gutters, flashings. Etc apply de-rusting compound to surfaces, prepare area for paint application and allow for re-fixing, replacing and waterproofing of necessary roof screws, fixing screws, etc				
18	150 x 150mm sheet steel box gutters in fair condition	m	100		
	300 x 200mm sheet steel box gutters in fair condition	m	100		
-					
	Clean out and service gutters				
20	150 x 150mm eaves gutter	m	100		
20	 				

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21	300 x 200mm industrial eaves gutter	m	100		
	Upgrading of stormwater and Sewer network	1			
		1			
22	High pressure jetting and cleaning of 300mm diameter stormwater underground pipe	m	350		
23	High pressure jetting and cleaning of 110mm diameter sewer underground pipe	m	350		
			Carri	ed to final summary	
<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	<u>Amount</u>
	BILL NO 2				
		1			
	CONCRETE WORK				
	Patching of concrete surfaces				
	Cleaning the damaged area, apply a bonding agent to ensure proper adhesion, and filling the				
1	void with suitable concrete repair material (patching compound, etc).	m²	15		
			Carri	ed to final summary	
<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	<u>Amount</u>
	BILL NO 3				
	BOOK CONTENING FTS	<u>'</u>			
	ROOF COVERING ETC				
	CONCRETE ROOF TILES				
1	Re-install the removed concrete interlocking redland roof tiles	m²	30		
	Supply and install new concrete interlocking redland roof tiles as per manufacture				
2	specification	m²	20		
	WATERPROOFING				
	Prepare surface by power wash the roof tiles to remove dirt and loose material. Repair				
	cracks by sealing any cracks or gabs in the tiles or mortar with appropriate material such as				
	silicon sealant and roof cement. Apply primer recommended specialized primer to improve adhesion of topcoate. For porous tiles applya penetrating sealant to bind dust and				
	strengthen the concrete. For overall protection the contractor polyurethane and				
	elastomeric coating designed for outdoor roof use. the contractor to pay attention to ridges, mortar joins, peak tiles, and edge tiles				
3	Waterproofing to concrete roof tile with	m²	50		
3	water proofing to consider four the first				
			Carri	ed to final summary	
<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	<u>Amount</u>
	BILL NO. 4				
	CARPENTRY AND JOINERY				
	TIMBER_				
	All softwood to be South African Pine				
	DOORS, ETC				
	Wrought meranti doors hung to steel frames				
	44mm thick interior grade flush solid core timber single door with 3mm thick commercial ply on both sides with consolidated edges fitted and complying with SABS 545 in pressed				
	steel frame. All painted in accordance with architect's colour schedules	<u> </u>			
	813 x 2032 x 44mm single leaf solid core with commercial veneer for paint. pricing shall				
1	include painting as per manufactures specification	No.	5		
		L		i	

	Level G3 bullet resistant Anti-bandit door, complete with 100 x 50 x 3mm gauge mild steel rectangular frame and 25 x 25 x 3mm M5 anlge rebates, overall size 930 x 2100mm high in powder coating and or galvinised cladding with peep hole, supplied with a 6 pin tumbler key system, mortice dead lock with an additional heavy duty magnetic lock and striker including key switch and surface mounted casing, 6 Amp power supply, push buttons and interlock system, heavy duty aluminium continuous hinge, aluminium slam bar with heavy duty door closer and D-style pull handles. Door to comply to SABS 1658-1996				
2	Level G3 bullet resistant anti-bandit external door	No.	1		
	Wrought softwood				
3	50 x 75mm purlins at 900mm center's to sides of trusses	m	35		
	Sundries				
4	Two coats creosote on sawn timbers	m²	20		
			Carried t	o final summary	
Item	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	<u>Amount</u>
	BILL NO 5				
	CEILING WORK				
	SUPPLEMENTARY PREAMBLES				
	Description				
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete				
	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", bolts priced elsewhere				
	Finishes to suspended ceilings:				
	All finishes to be applied at the factory during the manufacturing process and to be delivered on site "pre-finished" as described. No applying of finishes on site will be allowed				
	NAILED UP CEILING				
	6mm "Everite Nutec" fibre cement boards with H-type pressed steel jointing including painting with one coat of alkali resistance primer, one undercoat and two coat eggshell enamel paint				
1	Ceiling generally 600mm wide including 38 x 38mm sawn softwood brandering at maximum 600mm centres nailed to and including 75 x 50mm sawn softwood bearers at 900mm centres suspended approximately 250mm below timber trusses with 75 x 38mm vertical bearers at 600mm centres nailed to tie beams of trusses	m²	80		
	Extra over ceiling for 800×800 mm trap door of 38 50mm wrought softwood rebated framing with one 38×38 mm sawn softwood cross brander covered with ceiling board and fitted flush				
2	in opening	No.	1		
	"Rhino" gypsum plasterboard cornice				
3	75mm coved cornices fixed to ceiling	m	35		
			Carried t	o final summary	
Item	<u>Description</u>	<u>Unit</u>	Quantity	Rate_	<u>Amount</u>
	BILL NO 6				
	IRONMONGERY				
	LOCKS				
	Supply and install				
1	Ultra-security heavy duty double pin locks	No	3		
2	3 liver mortice lockset with handles	No	3		

3	Indicator door lock chrome plated	No	8		
4	D-style pull handles set for anti-bandit	No	1		
5	Cylinder security gate locks	No	10		
			Carried t	o final summary	
<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	<u>Amount</u>
	BILL NO 7				
	PLUMBING WORK				
	SANITARY FITTINGS				
	Vandal resistance low level High traffic suite complete (Front flush), suite to includes CC white Cistern made from high strength technoplast polymer with concealed mounting bracket, heavy duty securing bolts, concealed tamper proof lid screws and hiflo MK3 flush valve, including CC Pan and and heavy duty seat.	No	6		
	Close coupled suite colour White , comprising 90° outlet open rim pan with matching 9 litre front single flush cistern including lid and fitments and Jazz Thermoset seat.	No	2		
3	Ceramic wash hand basin colour White, size 510 x 405mm with one tap hole including integrated overflow and chain stay hole bolted to wall with two x 10mm bolts and including Classic floor mounted pedestal and sealed with silicone sealant where basin meets wall.	No	2		
4	Elf Cistern mechanism LL front flush	No	1		
5	Jazz Thermoset seat	No	4		
	TAPS, VALVES, ETC				
	Supply and install				
6	Self-closing push button tap	No.	5		
	Exposed type urinal flush valve with ball-o-stop, wall flange, chrome plate finish and non-hold open feature	No.	1		
8	15mm \emptyset BSP built-in sleeve, DZR brass urinal flush valve with internal flow control, strainer and no-hold feature for single bowl urinal.	No.	1		
9	Flexi connector	No	13		
10	15 Brass Gate Valve	No	2		
11	Mini Ball Valve	No	13		
	WASTE UNINON ETC				
12	Basin waste, plug, chain, stay and backnut	No.	10		
	TRAPS ETC				
13	38mm sink "P" trap	No.	5		
14	110mm pan connector completely	No.	8		
	WATER SUPPLIERS				
	Class "O" copper pipe				
15	15mm pipes	m	5		
16	15mm pipes chased into brick walls and make good	m	5		
17	22mm pipes	m	5		
18	22mm pipes chased into brick walls	m	5		
	Extra over class "O" copper pipes for capillary fittings				
	15mm fitting	No.	2		
	22mm fitting	No.	2		
	15mm Tee	No.	2		

22	22mm Tee	No.	2		
	Colorado do Cor				
	Galvanized pipe				
23	32mm pipes	m	5		
	Extra over class Galvanized pipes for capillary fittings				
	Extra over class durantized pipes for capitally intalligs				
24	32mm fitting	No.	2		
25	32mm elbow	No.	2		
26	32mm Tee	No.	2		
	Plastic waste pipes				
27	50mm waste pipes with all connection and make good	m	10		
	South Haste pipes that all oblinection and make good				
	PLATFORM MANHOLE COVERS AND FRAMES				
28	Type 9B MD polymer lid and frame including to make good after completion	No.	5		
			_		
29	600 x 900mm polymer lid and frame including to make good after completion	No.	5		
	RAIN WATER GOODS				
	0.9mm galvanized sheet iron				
30	150 x 150mm industrial eaves gutter including heavy duty brackets fixed at 500mm centers	m	200		
24					
31	Extra over 150 x 150mm eaves gutter for stopped end	No.	15		
32	Extra over 150 x 150 eaves gutter for angle	No.	35		
33	Extra over 150 x 150mm eaves gutter for outlets	No.	35		
33	Zikia otel 250 x 250 km edites gakter for oddets				
34	100mm rainwater pipes	m	150		
35	Extra over rainwater pipe for shoe	No.	35		
35	Extra over rainwater pipe for shoe	No.		to final summary	
			Carried t	to final summary	
<u>Item</u>	Extra over rainwater pipe for shoe Description	No.		to final summary	Amount
	<u>Description</u>		Carried t		Amount
<u>Item</u>			Carried t		Amount
<u>Item</u>	<u>Description</u>		Carried t		Amount
<u>Item</u>	Description BILL NO.8 METAL WORK		Carried t		Amount
<u>Item</u>	Description BILL NO.8		Carried t		Amount
<u>Item</u>	Description BILL NO.8 METAL WORK		Carried t		Amount
<u>Item</u>	Description BILL NO.8 METAL WORK SECURITY GATES		Carried t		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door		Carried t		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes	Unit	Quantity		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick	No.	Quantity 8		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick pre-galvanized steel. MILD STEEL PALISADE	No.	Quantity 8		Amount
Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick pre-galvanized steel.	No.	Quantity 8		Amount
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Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick pre-galvanized steel. MILD STEEL PALISADE Posts:76x76x2mm thick at 3m at 3m centre's with trident heads or spear point Panels: Pales to be 65mm wide x 4mm thick hot rolled corrugated iron with 1 anti-sag support	No.	Quantity 8		Amount
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Item No.	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick pre-galvanized steel. MILD STEEL PALISADE Posts:76x76x2mm thick at 3m at 3m centre's with trident heads or spear point Panels: Pales to be 65mm wide x 4mm thick hot rolled corrugated iron with 1 anti-sag support bracket, to be welded to rail angle sections of 50 x 50 x 4mm, to have trident heads or spear point and to be equally spaced between the posts to a distance of 89mm 2.4m high palisade fence	No.	Quantity 8		Amount
1 1 2 2	Description BILL NO.8 METAL WORK SECURITY GATES Supply and install Burglar door 1200 x 2200mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing Gates bolted to brickwork or concrete walls Supply and Install mild steel welded 3000mm high x 6000mm long steel sliding gate constructed from 120x60x4.5mm rectangular frame, intermediate steel section of 2 x 120x60x4.5mm and 1 x 120x60x4.5mm horizontal section including anti-lift system, heavy duty wheels and heavy duty lock completely with 16mm round bar diameter rail in trenches covered by 30 Mpa concrete with Spike lengths of 1500mm and is 30-40mm wide. The spikes should stand 80mm high above the pre-cast wall. The spikes must be made of 1.2mm thick pre-galvanized steel. MILD STEEL PALISADE Posts:76x76x2mm thick at 3m at 3m centre's with trident heads or spear point Panels: Pales to be 65mm wide x 4mm thick hot rolled corrugated iron with 1 anti-sag support bracket, to be welded to rail angle sections of 50 x 50 x 4mm, to have trident heads or spear point and to be equally spaced between the posts to a distance of 89mm	No.	Carried to Quantity 8 1 10		Amount

	PLATFORM WASTE BINS				
	Hot dipped galvanised perforated swing bin manufactured on a base plate to be bolted down to the ground.				
_		Ne	1		
5	Supply and deliver bins to match the existing	No.	4		
			Carried t	o final summary	
Item	<u>Description</u>	Unit	Quantity	Rate	Amount
	BILL NO.9				
	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
	4mm clear float glass				
1	Panes exceeding 0.1 m2 and not exceeding 0.5m2	m²	10		
	Mirrors				
	6mm silver 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				
2	Mirror 1000 x 1000mm with four screws	No.	5		
			Carried t	o final summary	
la a sa	Description	II			A
<u>Item</u>	<u>Description</u>	<u>Unit</u>	Quantity	<u>Rate</u>	Amount
	BILL NO.10				
	PAINTWORK				
	For preambles see "Model Preambles for Trades" 2008 edition published by the Association of South African Quantity Surveyors				
	SUPPLEMENTARY PREAMBLES				
	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 a suitable filler and finished				
	smooth				
	PAINTWORK, ETC TO NEW WORK				
	ON FLOATED PLASTER				
	One coat professional plaster primer and two coats of white Professional Superior Low Sheen				
1	On ceiling and cornices	m²	100		
	ON WOOD				
	One coat wood primer, one Universal Undercoat and two coats Prasa Oakley Brown				
	enamel paint		1		
2	On doors	m²	30		
	ON METAL				
	One coat zinc chromate primer, one under coat and two coats professional white gloss				
ĺ	enamel paint				

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3	On buglers, gates, door frames, window frames, rainwater goods etc	m²	100		
			100		
	One coat professional plaster primer and two coats contractors Brick and Slasto Dressing/Brick seal				
4	On internal and external face brick walls	m²	200		
	PAINTWORK ETC TO PREVIOUSLY PAINTED WORK				
	ON METAL				
	Wash with polycell sugar soap and rinse with clean water to remove all traces of soap,				
	remove all loose flaking paint and repair any cracks and defects, spot prime bare and repaired areas with bonding liquid and apply One coat of waterprime, one coat of universal undercoat, two coats of gloss Enamel of PRASA Grey				
5	All steel work	m²	150		
	ON FLOATED PLASTER				
	Wash with polycell sugar soap and rinse with clean water to remove all traces of soap,				
	remove all loose flaking paint and repair any cracks and defects, spot prime bare and repaired apply one coat sealer One coat primer, one under coat and two coats PRASA Neutral				
6	On internal walls	m²	200		
	Wash with polycell sugar soap and rinse with clean water to remove all traces of soap, remove all loose flaking paint and repair any cracks and defects, spot prime bare and repaired areas with bonding liquid and apply one coat sealer and two coats of white Professional Superior Low Sheen				
7	On ceiling	m²	250		
	PLATFORM MARKING				
	Prepare and paint yellow road marking paint on tared platform surfaces				
8	Chevron	m	760		
8		m		o final summary	
8		m <u>Unit</u>		o final summary	Amount
	Chevron		Carried t	·	Amount
	Chevron Description		Carried t	·	Amount
	Chevron Description BILL NO.11		Carried t	·	Amount
	Chevron Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be		Carried t	·	Amount
<u>Item</u>	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000c to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified.	Unit	Carried t	·	Amount
<u>Item</u>	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces	<u>Unit</u>	Quantity 7800	·	Amount
1 1	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000c to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat	Unit m²	7800 7800	·	Amount
1 1	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000c to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat	Unit m²	7800 7800	Rate	Amount
1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification	m² m²	7800 7800 Carried t	Rate	
1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000c to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification	m² m²	7800 7800 Carried t	Rate	
1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification Description BILL NO. 12	m² m²	7800 7800 Carried t	Rate	
1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (5560), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification Description BILL NO. 12 PLASTERING	m² m²	7800 7800 Carried t	Rate	
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1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification Description BILL NO. 12 PLASTERING SUPPLEMENTARY PREAMBLES. Preparatory work for textured finishes: Textured finishes to be applied to plaster (plaster elsewhere)	m² m²	7800 7800 Carried t	Rate	
1 1 2	Description BILL NO.11 HOT MIX ASPHALT RESURFACING The surface to be sprayed with primer (SS60), A 6.7mm continuous fine asphalt mix with a temperature not less than 1000C to be laid maintaining a thickness of 40mm after compaction including sealant. The completed surface to be carefully inspected for rough or low spots, surface irregularities, untidy edges, incomplete compaction or other faults and these will need to be rectified. Cutting, Scarify and removal of old tar surfaces Apply tack coat 40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification Description BILL NO. 12 PLASTERING SUPPLEMENTARY PREAMBLES. Preparatory work for textured finishes:	m² m²	7800 7800 Carried t	Rate	

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One coat wood trowelled smooth cement plaster on brickwork 1 On walls 2 On narrow widths The property of th		Prices are to include for all priming preparatory work etc				
1 On walls 2 On narrow widths 3 Description 4 Unit Quantity Rate Amount 4 BILL NO. 13 5 TILING 5 SUPPLEMENTARY PREAMBLES 6 Items, materials or methods to be used specified by trade names or catalogue numbers are only indicated of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Project Manager WALL TILING 5 SOD x 500mm Full Bodied Polished Porcelain tiles, fixed to internal wall plaster backing with TAL tile adhesive (elsewhere specified) mixed with TAL bonding liquid in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds. 1 On walls Full bodied porcelain tiles, size 600 x 600mm x 10mm fixed to internal floor screed with TAL tile adhesive (elsewhere specified) mixed with TAL tonding liquid in lieu of water with diagonal joints continuous in both directions and grouted with TAL thonding liquid in lieu of water with diagonal joints continuous in both directions and grouted with TAL thonding liquid in lieu of water with diagonal joints continuous in both directions and grouted with TAL tile grout, excess grout on the surface to be cleaned with water as work proceeds. 2 On floors May 10 Carried to final summary Lem Description Unit Quantity Rate Amount		Trices are to include for an prinning, preparatory work, etc				
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Item Description Unit Quantity Rate Amount BILL NO. 13 TILING SUPPLEMENTARY PREAMBLES Items, materials or methods to be used specified by trade names or catalogue numbers are only indicated of the quality required. Items, materials or methods of similar quality may be used with prior approval from the Project Manager WALL TILING SOU Down Full Bodied Polished Porcelain tiles, fixed to internal wall plaster backing with TAL tile adhesive (elsewhere specified) mixed with TAL bonding liquid in lieu of water with joints continuous in both directions and grouted with TAL tile grout (elsewhere specified), excess grout on the surface to be cleaned with water as work proceeds. 1 On walls Full bodied porcelain tiles, size 600 x 600mm x 10mm fixed to internal floor screed with TAL tile adhesive (elsewhere specified) mixed with TAL tile grout, excess grout on the surface to be cleaned with water as work proceeds. 2 On floors Description Description Unit Quantity Rate Amount BILL NO. 14			2	40		
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PROVISIONAL SUM		BILL NO. 14				
PROVISIONAL SUM		DDOVICIONAL CLIM				
		PROVISIONAL SUN				
l I						
Allow for provisional sum of R100,000.00 (One hundred thousand) to be used upon		Allow for provisional sum of R100,000.00 (One hundred thousand) to be used upon				
instruction in writing by the Project Manager, who may decide that the sum may be expended						
1 or used in whole or in part in favour of any person or not at all Sum R100,000.00			Sum			R100,000.00
Carried to final summary				Carried t	o final summary	
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FINAL SUMMARY

1 1	Preliminary and Generally		
2 (Concrete work		
3 F	Roof Covering		
4 (Carpentry and and Joiney		
5 (Ceiling work		
6 I	Iron Mongery		
7 F	Plumbing work		R
1 8	Metal work		R
9 (Glazing		R
10 F	Paint work		R

11	11 Resurfacing						
12	Plastering				R		
13	Tiling				R		
	_						
14	Provisional Sum				R		
	SUB TOTAL						
	ADD VAT @ 15%						
	TOTAL TENDER AMOUN						

STATION REFURBISHMENT AT VEREENIGING STATION RY AND GENERAL ENERAL BUILDING WORK AT MIDWAY STATION SECTION No. 2