



<p>UPGRADING AT MIDWAY PERWAY DEPOT</p>
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SCHEDULE OF QUANTITIES

SECTION -B

TABLE OF CONTENT

Contents	Page no
Annexure A Civil and Minor works BoQ.....	3 to 16
Annexure C Final Summary.....	17

PART A: SCHEDULE OF QUANTITIES

MIDWAY PERWAY DEPOT – SECTION A

	<u>BILL NO. 1</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>	<u>Amount</u>
	<u>ALTERATIONS (PROVISIONAL)</u>				
	<u>REMOVAL OF EXISTING WORK</u>				
	Taking out and removing still work				
1	Removing heavy duty gates	no	2	R -	R -
2	Removing trees from the roots, less than 200mm steam	no	4	R -	R -
					R -
	<u>BILL NO 2</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>	<u>Amount</u>
	<u>CARPENTRY AND JOINERY</u>				
	<u>DOORS</u>				
	44mm thick interior grade flush solid core timber single door with 3 mm thick commercial ply on both sides with consolidated edges fitted and complying with SABS 545 in pressed steel frame. All painted in accordance with architects colour schedule.				
1	813 x 2032 x 44mm single interior leaf solid core	No.	2	R -	R -
	44mm thick exterior 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				
2	813 x 2032 x 44mm single exterior leaf solid core	No.	2	R -	R -
					R -

	<u>BILL NO 3</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>IRONMONGERY</u>						
	<u>LOCKS</u>						
1	3 liver union lock with handles	No.	5	R	-	R	-
2	Ultra-security heavy duty locks	No.	5	R	-	R	-
3	Stainless Steel Toilet Cubicle Indicator bolt & lock set, Grade 304Stainless Steel indicator bolt fixed to surface with matching stainless-steel screws.	No.	5	R	-	R	-
						R	-
	<u>BILL NO 4</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>TILING</u>						
	<u>Prices:</u>						
	Prices are to include for all square cutting and waste, cleaning off on completion and protection from injury. Areas are measured net to face of brickwork and concrete. Any additional area caused by the thickness of tiling and screed are to be allowed for in prices						
	<u>FLOOR TILING</u>						
	600x600mm Full Bodied polished Porcelain tiles with 3mm grouting lines						
1	On floors	m ²	18	R	-	R	-
	<u>PAVEMENT</u>						
	Supply and fit heavy duty pavement bricks, clearing of site, cutting up loose soil, compacting the ground before paving, supply of gravel soil, supply of river sand and all necessary fitting to the completion of the work.						
2	Allow pavement for 200 m ²	m ²	700	R	-	R	-
						R	-

<u>BILL NO 5</u>		<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
<u>PLUMBING WORK</u>							
<u>SANITARY FITTINGS</u>							
1	Vaal Sanitary ware Hibiscus vitreous china 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.	6	R	-	R	-
2	Vaal Sanitary ware Hibiscus vitreous china lavatory basin colour White, size 510 x 405mm with two 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.	4	R	-	R	-
3	Top entry ceramic urinal basin with Junior flush master exposed chrome flush valve including flush pipe, spreader, etc	No.	2	R	-	R	-
<u>WASTE UNINON ETC</u>							
4	Bath and Basin waste, plug, chain, stay and backnut	No.	2	R	-	R	-
<u>TRAPS ETC</u>							
5	365/40 CP bottle trap 40 x 40 INC CP/PVC adaptor to 40mm	No.	8	R	-	R	-
6	38mm sink “P” trap	No.	5	R	-	R	-
7	Brass shower P trap with square ss grating	No.	5	R	-	R	-
<u>SINK, BASIN, ETC</u>							
8	90Mm Bsw 1200x500x180mm double bowl Kitchen stainless steel sink	No.	3	R	-	R	-
<u>TAPS, VALVES, ETC</u>							
9	Kitchen sink Mixer taps	No.	2	R	-	R	-
10	Push button pillar tap for hot and cold water	No.	10	R	-	R	-
11	Flexi connector	No.	10	R	-	R	-
12	15 Mini Ball Valve	No.	10	R	-	R	-

13	Single function vandal resistant shower head including shower arm, stainless steel polished body	No.	7	R	-	R	-
14	Chrome plated Shower tap mixer	No.	7	R	-	R	-
15	22mm Brass Gate Valve	No.	5	R	-	R	-
						R	-
	<u>BILL NO. 6</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>GLAZING</u>						
	<u>GLAZING TO ALUMINIUM WITH CLIP ON BEADS</u>						
	4mm patterned glass						
1	Panes exceeding 0.1m ² and 0.5 m ²	m ²	5	R	-	R	-
	4mm clear float glass						
2	Panes exceeding 0.1m ² and 0.5 m ²	m ²	5	R	-	R	-
	<u>MIRROR</u>						
	6.5mm 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						
3	Mirror 600 x 1200mm high with four screws	No.	4	R	-	R	-
						R	-
	<u>BILL NO.7</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>METAL WORK</u>						
	SECURITY GATES						
	<u>FENCING AND GATES</u>						

	<p>Constructed of galvanized steel sections, palisade fence with an 2400mm min height. The materials, construction and installation procedure for steel palisade fences to be in accordance with SANS 30112:2004 " South African National Standard for fence part 12 specifications for steel Palisade fences". Reference to applicable SANS specifications for full details.</p>					
1	Fit round bob wire 900mm long steel heavy duty flat cube, including all necessary fittings to the perfect completion of the work.	m	400	R	-	R -
2	Supply and replace heavy duty steal gate, new gate rail, including all necessary fittings to the total completion of the work. Allow for the industrial gate motor.	No.	2	R	-	R -
3	Erect heavy duty steel structure, allow to roof with 0.6 mm thick sheets and make good. Standard size for each parking (6m x 2.5 wide). Allow parking to accommodate 8 single cars.	No	8	R	-	R -
4	Erect heavy duty steel structure, allow the roof to be strong heavy duty net, blue PRASA colour , and make good. Standard size for each parking (6m x 2.5 wide). Allow parking to accommodate 8 single cars.	No	8	R	-	R -
						R -
	<p><u>BILL NO.</u></p> <p><u>PAINTWORK</u></p> <p>For preambles see “Model Preambles for Trades” 2008 edition published by the Association of South African Quantity Surveyors</p> <p>SUPPLEMENTARY PREAMBLES</p> <p>Previously painted plastered surfaces</p> <p>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</p> <p>Previously painted metal surfaces</p>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>

	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 acrylic paint						
1	On plastered walls	m ²	280	R	-	R	-
	One coat professional plaster primer and two coats contractors White Gloss Enamel						
2	On gutters and downpipes	m ²	70	R	-	R	-
3	On fascia and barge boards	m ²	50	R	-	R	-
	One coat professional plaster primer and two coats contractors Brick and Slasto Dressing/Brick seal						
	ON WOOD						
	One coat wood primer, one Universal Undercoat and two coats PRASA Brown						
4	On Doors	No	10	R	-	R	-
	Sand with abrasive paper, leaving surface dry, clean and dust free. Wash knots and resinous						

	<p>areas with Lacquer Thinners (ILS 1) and coat with Woodcare Knot Seal (PK 2) and apply one coat of Dulux or Plascon Woodcare Pretreatment (WWP 1), overcoated within 48 hours with a moisture content of BD 2 scale (A1-A5) < 14% or less. Prime with one coat Varnish with an overcoating time of 6 hours and finish with two coats Varnish with 6 hours drying time between coats.</p> <p><u>ON METAL</u></p> <p>One coat zinc chromate primer, one Undercoat and two coats Professional Gloss Enamel</p>						
5	<p>On rails, bars, handrails, steel work, window frames, door frames, burglar gates and window, gates, gutters and down pipes</p> <p>One coat zinc chromate primer, one Undercoat and two coats Chromadek Prasa Kingfisher Blue suitable for roof</p>	m ²	110	R	-	R	-
6	<p>On roofs</p>	m ²	500	R	-	R	-
	<p>PAINTWORK, ETC TO PREVIOUSLY PAINTED WORK</p> <p>Surface preparation and apply two coats acrylic paint</p>						
7	<p>External walls</p>	m ²	700	R	-	R	-
	<p>ON WOOD</p> <p>Surface preparation and apply two coats PRASA Brown</p>						
8	<p>On Doors</p>	m ²	50	R	-	R	-
	<p><u>ON METAL</u></p> <p>One coat zinc chromate primer, one Undercoat and two coats Professional Gloss Enamel</p>						

9	On rails, bars, handrails, steel work, window frames, door frames, burglar gates and window, gates, gutters and down pipes	m ²	50	R	-	R	-
	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 interior quality Prasa neutral						
10	On internal walls	m ²	120	R	-	R	-
						R	-
	<u>BILL NO. 9</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>WATERPROOFING</u>						
	Waterproofing to roofs						
1	Preparation of surfaces including replacing of worn nails, Roll top ridging and corrugated roof sheeting	m ²	200	R	-	R	-
2	Polyester Membrane or any other approved with the applicable guarantee of five years Applied to bolt heads and lap joints applied as per manufactures specification and certificate of 5-year guarantee submitted after completion	m ²	200	R	-	R	-
3	Allow to erect a guard room, prasa specifications to be used.		sum	R		R	
						R	-
	<u>BILL NO. 10</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	<u>ELECRICAL</u>						
1	<u>Solar geysers</u> Supply and fit 200L Solar Panel Solar Assisted geysers including pipes and valves.	No.	4	R		R	

2	<u>PV Modules</u> Supply and fit PV Modules. Minimum: Peak power 300 Watts each PV modules to be fitted atop galvanized roof sheets such that maximum solar radiation is absorbed by solar panel. Include all brackets, cables, lugs and ferrules as per manufacturer's specifications.	No.	27	R	R
3	<u>Inverter</u> Supply and fit Minimum: 8000-Watt inverter. Nominal DC 48V. Output voltage 230VAC 50Hz at 8000 Watts. Include all relevant cables, lugs and ferrules as per manufacturer's specifications	No.	1	R	R
4	<u>Batteries</u> Supply and fit 48V 100AH deep cycle Lithium-Ion battery pack. Include all relevant cables, lugs and ferrules as per manufacturer's specifications.	No.	2	R	R
5	<u>(Smart LED Solar Street lights with integrated Lithium Ion Battery and timer and mounting bracket)</u> Supply and fit single unit Smart LED Solar Street lights with integrated Lithium Ion Battery and timer. Timer to be set for 100% illumination from 4h30 to 7h00. Lights off from 7h00 to 17h00. And then 100% illumination from 17h00 to 21h00. From 21h00 to 4h30 50% illumination. Solar lighting at minimum 3000 lumens per unit Integrated Battery pack Lithium Ion Protection Rating IP 65 Mounting bracket to conform to manufacturer's specifications Smart LED solar lamp to include all electrical protection in a single unit. Smart Solar lamps to be fitted to existing poles/ structures on site.	No.	8	R	R
6	Disconnect existing electrical geysers and aircons	No.	1	R	R
7	Remove fluorescent tubes and dispose	No.	400	R	R
8	Supply and fit 4-foot LED tubes. Re-wire existing fluorescent fitting to LED standard.	No.	400	R	R
9	<u>(Test, certify and guarantee)</u> Ensure power is restored. Ensure lights working. All relevant testing completed and certified. Prasa shall require a 12 month guarantee on all parts and workmanship	No.	1	R	R
					R

SUMMARY OF MIDWAY PERWAY DEPOT**SECTION B**

	STATION NAME	PAGE	AMOUNT
1	Alterations	3	R -
2	Carpentry and Joinery	3	R -
3	Ironmongery	4	R -
4	Tiling work	4	R -
5	Plumbing work	5 to 6	R -
6	Glazing	6	R -
7	Metal work	6 to 7	R -
8	Painting work	7 to 10	R -
9	Waterproofing	10	R -
10	Electrical	10 to 11	R -
	UPGRADE OF PERWAY DEPOT SECTION B	SUB TOTAL	R -
		ADD VAT @ 15%	R -
		TOTAL TO FINAL SUMMARY.	R -

