



<p>UPGRADING OF ABLUTIONS AT LUIPERSVLEI SIGNAL DEPOT</p>
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SCHEDULE OF QUANTITIES

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PART A: SCHEDULE OF QUANTITIES

CIVIL AND MINOR WORKS AT
LUIPERSVLEA SIGNAL CABIN

	<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>						
	Carefully breaking down and removing brickwork and partitioning etc						
	Taking out and removing piping, sanitary fittings, etc including disconnection piping from fittings						
1	Pan and cistern	No.	6	R	-	R	-
2	Kitchen sink cabinet	No.	2	R	-	R	-
3	Ceramic wash hand basin	No.	3	R	-	R	-
4	gutter including down pipes	m	44	R	-	R	-
5	50mm uPVC piping including fittings and brackets	m	5	R	-	R	-
	Taking out and removing doors						
6	Single door 813 x 2032mm high from steel frame	No.	4	R	-	R	-
	Taking up and removing floor covering						
7	Vinyl tile/ceramic floor covering/mosaic floor tile/skirting including preparing screed to receive new floor tiling	m ²	130	R	-	R	-
	Hacking up/off and removing ceramic wall tile						
8	Tiles to walls	m ²	45	R	-	R	-
	Taking down and removing ceiling						
9	Rhino board ceilings including cornices, brandering, jointing strips, etc	m ²	100	R	-	R	-
	Taking out and removing glass from steel window frame						
10	clear glass from steel window frames including cleaning out rebates and preparing for new glass	m ²	5	R	-	R	-

11	Taking out and removing Fascia and barge board Fascia and barge board not exceeding 300mm girth	m	30	R	-	R	-
						R	-
1	<u>BILL NO 2</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.	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>	
	813 x 2032 x 44mm single interior leaf solid core	No.	14	R	-	R	-
	813 x 2032 x 44mm single exterior leaf solid core	No.	3	R	-	R	-
	<u>FITTINGS</u> <u>The following in modular timber cupboards, counters, duty stations, desk etc. as per Cupboard Connections Specification</u> <u>Carcasses of 16mm thick particle board with both faces white melamine with white Masonite backs. Shelving of 16mm particle board, both faces white melamine and front edge in white PVC. Doors of 16mm particle board with post formed vertical edges and laminated in Renolit. Tops of 32mm particle board with post formed leading edges and laminated in high pressure decorative laminate. All butt edges and edges against walls to be sealed with silicon sealant. Hinges to be "Hettich". Drawer runners to be metal 500mm series</u>						

with nylon runners or similar. All units complete with door, handles, hinges, cupboards, door, locks, barrel bolts and shelves. Floor unit complete with kick plates. (Formica tops measured elsewhere)

Built in cupboards fittings

Kitchen sink floor cupboard 3000 x 600 x 900mm high with sides, bottom, back, 3 hinged doors and one drawer completely working including handles, etc. top and sink measured else where

3		No.	2	R	-	R	-
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Grocery cabinet

2.1m high x 0.5m wide x 0.6m 3 lockable separated parking compartment including locks and handles

4		No.	2	R	-	R	-
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CANTEEN BENCH UNIT

Legs manufactured with 75 x 75 mm square tubing, 1100mm wide x 280mm depth x 400mm high steel sheet seat, and table width of 1100 x 1100 x 700. All steel thickness to be 1.6mm thick galvanized powder coated with 70mm Oak hardwood for seats and table top finish

5	1960 wide x 1960mm depth 4 legs canteen bench unit	No.	2	R	-	R	-
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Interior type particle board with Formica veneer

900 x30mm thick granite with all exposed edges large bevel edged, fixed to supports using dabs of 100% black silicone adhesive along all supports with all joints filled with matching polyester resin glue. Granite surface to be sealed using an approved stone sealer, all in accordance with the manufacturer's recommendations.

6		No	2	R	-	R	-
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7	2mm thick edge strip 32mm wide	m	25	R	-	R	-
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8	Cut 50mm work top to fit end bowl sink, measured else where	No.	2	R	-	R	-
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Nutec fibre cement

3000 x 10 x 300mm fascia boards including PVC H-Profile fascia board joiner

9		m	40	R	-	R	-
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10	3000 x 10 x 300mm barge boards including PVC H-Profile barge board joiner	m	40	R	-	R	-
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	Glazed shower doors					
11	Tri-slider patterned obscure glazed shower door	No.	7	R	-	R -
12	800 – 1020mm x 4mm tick obscure pivot shower door	No.	6	R	-	R -
	Skirting					
13	20 x 120mm solid ceramic tile skirting	m	200	R	-	R -
						R -
	<u>BILL NO 3</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>		<u>Amount</u>
	<u>CEILING WORK</u>					
	<u>SUPPLEMENTARY PREAMBLES</u>					
	<u>Description</u>					
	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					
	6.4mm “Rhino” gypsum plaster board with H-Type pressed steel jointing strips or suspended ceiling correct description to be verified on site.					
1	Ceiling including 38 x 38mm sawn softwood bandering at 450mm centres	m ²	240	R	-	R -
2	Extra over ceiling for 800 x 800mm trap door of 38 50mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No.	3	R	-	R -
	“Rhino” gypsum plasterboard cornice					
3	75mm coved cornices	m ²	230	R	-	R -

	<u>Partitioning</u>					
4	Supply and erect partitioning wall , include all necessary fittings to the completion of the job , include single door frame and door, make good.	m ²	22	R	-	R -
						R -
	<u>BILL NO 4</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.	10	R	-	R -
2	Ultra-security heavy duty locks	No.	3	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.	9	R	-	R -
4	Satin stainless steel toilet roll holders for 2 rolls with central shaft system and cylinder lock, plugged and screwed to the wall with stainless steel screws. (vandal resistant)	No	9	R	-	R -
	<u>SIGNAGE</u>					
	<u>External signage</u>					
5	500 x 150mm High double sided ceiling mounted directional sign anodized aluminium female and male ablutions pictogram door sign, suspended from ceiling grids with brass chains. Minimum of 2,1m above finished floor level.	No.	4	R	-	R -
						R -
	<u>BILL NO 5</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	240	R	-	R -
	300x300x6mm Full Bodied polished Porcelain mosaic tiles with 3mm grouting lines					
2	On floors	m ²	45	R	-	R -
	<u>WALL TILING</u>					
	Matt Full Bodied Porcelain tiles, size 600 x 300mm x 12mm fixed to internal wall plaster backing with TAL tile adhesive mixed with TAL bonding liquid in lieu of water with joints continuous in both directions and grouted with TAL tile grout, excess grout on the surface to be cleaned with water as work proceeds.					
3	On walls	m ²	60	R	-	R -
	300x300x6mm Full Bodied polished Porcelain mosaic tiles with 3mm grouting lines					
4	On walls	m ²	30	R	-	R -
						R -
	<u>BILL NO 6</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.	8	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.	6	R	-	R -

3	Top entry ceramic urinal basin with Junior flush master exposed chrome flush valve including flush pipe, spreader, etc	No.	3	R	-	R	-
	WASTE UNINON ETC						
4	Bath and Basin waste, plug, chain, stay and backnut	No.	4	R	-	R	-
	TRAPS ETC						
5	365/40 CP bottle trap 40 x 40 INC CP/PVC adaptor to 40mm	No.	5	R	-	R	-
6	38mm sink “P” trap	No.	14	R	-	R	-
7	Brass shower P trap with square ss grating	No.	9	R	-	R	-
	SINK, BASIN, ETC						
8	90Mm Bsw 1200x500x180mm double bowl Kitchen stainless steel sink	No.	2	R	-	R	-
	TAPS, VALVES, ETC						
9	Kitchen sink Mixer taps	No.	2	R	-	R	-
10	Push button pillar tap for hot and cold water	No.	14	R	-	R	-
11	Flexi connector	No.	15	R	-	R	-
12	15 Mini Ball Valve	No.	15	R	-	R	-
13	Single function vandal resistant shower head including shower arm, stainless steel polished body	No.	9	R	-	R	-
14	Chrome plated Shower tap mixer	No.	9	R	-	R	-
15	22mm Brass Gate Valve	No.	15	R	-	R	-
16	600kpa pressure control valve	No.	2	R	-	R	-
17	Relieve/safety valve	No.	6	R	-	R	-
18	Vacuum breaker	No.	6	R	-	R	-
19	Drain cock	No.	3	R	-	R	-
	0.8mm galvanized sheet iron						

20	125 x 100mm eaves gutter	m	50	R	-	R	-
21	Extra over 125 x 100mm eaves gutter for stopped end	No.	8	R	-	R	-
22	Extra over 125 x 100 eaves gutter for angle	No.	10	R	-	R	-
23	Extra over 125 x 100mm eaves gutter for outlet for 100 x 75mm pipe	No.	10	R	-	R	-
24	100 x 75mm rainwater pipes	m	25	R	-	R	-
25	Extra over 100 x 75mm rainwater pipe for shoe	No.	10	R	-	R	-
0.9mm galvanized sheet iron							
26	250 x 200mm industrial eaves gutter including heavy duty brackets fixed at 500mm centers	m	40	R	-	R	-
27	Extra over 250 x 200mm eaves gutter for stopped end	No.	6	R	-	R	-
28	Extra over 250 x 200 eaves gutter for angle	No.	6	R	-	R	-
29	Extra over 125 x 100mm eaves gutter for outlet for 300mm pipe	No.	6	R	-	R	-
30	300mm rainwater pipes	m	30	R	-	R	-
31	Extra over 300mm rainwater pipe for shoe	No.	6	R	-	R	-
Extra over PVC pipes for fittings							
32	110mm pan connector	No.	14	R	-	R	-
WATER SUPPLIERS							
Class “O” copper pipe							
33	15mm pipes chased into brick walls	m	50	R	-	R	-
34	22mm pipes	m	30	R	-	R	-
35	22mm pipes chased into brick walls and make good	m	50	R	-	R	-
Extra over class “O” copper pipes for capillary fittings							
36	15mm fitting	No.	15	R	-	R	-
37	15mm Tee	No.	15	R	-	R	-

38	15mm bend	No.	5	R	-	R	-
39	22mm fitting	No.	20	R	-	R	-
40	22mm Tee	No.	15	R	-	R	-
41	22mm bend	No.	5	R	-	R	-
						R	-
	<u>BILL NO. 7</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	10	R	-	R	-
	4mm clear float glass						
2	Panes exceeding 0.1m ² and 0.5 m ²	m ²	10	R	-	R	-
	<u>MIRROR</u>						
	6.5mm silvered float glass copper backed mirrors with polished adges 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.	7	R	-	R	-
						R	-

	<u>BILL NO.9</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>	<u>Amount</u>
	<u>PAINTWORK</u> 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 acrylic paint 1 On plastered walls	m ²	300	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	<p>On fascia and barge boards</p> <p>One coat professional plaster primer and two coats contractors Brick and Slasto Dressing/Brick seal</p> <p>ON WOOD</p> <p>One coat wood primer, one Universal Undercoat and two coats PRASA Brown</p>	m ²	50	R	-	R	-
4	<p>On Doors</p> <p>Sand with abrasive paper, leaving surface dry, clean and dust free. Wash knots and resinous 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>	m ²	70	R	-	R	-
5	<p>On skirting</p> <p><u>ON METAL</u></p> <p>One coat zinc chromate primer, one Undercoat and two coats Professional Gloss Enamel</p>	m	200	R	-	R	-
6	<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	70	R	-	R	-
7	<p>On roofs</p> <p>PAINTWORK, ETC TO THE NEW CEILING BOARDS</p> <p>Surface preparation and apply two coats acrylic paint</p>	m ²	150	R	-	R	-

8	On ceiling and cornices	m ²	130	R	-	R	-
	ON WOOD						
	Surface preparation and apply two coats PRASA Brown						
9	On Doors single	No	17	R	-	R	-
	<u>ON METAL</u>						
	One coat zinc chromate primer, one Undercoat and two coats Professional Gloss Enamel						
10	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						
11	On internal walls	m ²	220	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 nonconductive floor epoxy paint						
12	On floors	m ²	220	R	-	R	-
						R	-

	<u>BILL NO. 10</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	230	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	230	R -	R -
					R -
	<u>BILL NO. 11</u>	<u>Unit</u>	<u>QTY</u>	<u>Rate</u>	<u>Amount</u>
	<u>BLINDS</u>				
1	25mm aluminium venetian blinds including brackets and mounting accessories to fit 2000 x 1300mm high window opening, measurements to be fully verified at the depot.	No.	17	R -	R -
					R -

FINAL SUMMARY**CIVIL AND MINOR WORKS AT ELANDSFONTEIN DEPOT**

	STATION NAME	PAGE	AMOUNT
1	Alterations	3	R -
2	Carpentry and Joinery	4 to 7	R -
3	Ceiling work	7	R -
4	Ironmongery	7	R -
5	Tiling work	8	R -
6	Plumbing work	8 to 11	R -
7	Glazing	11	R -
8	Metal work	12	R -
9	Painting work	13	R -
10	Waterproofing	16	R -
11	Blinds	16	R -
SUB TOTAL			R -
ADD VAT @ 15%			R -
TOTAL			R -