

DE AAR STATION

Item	Description	UNIT	QTY	RATE	AMOUNT
	<u>BILL NO. 1</u>				
	<u>PRELIMINARIES AND GENERAL COSTS</u>				
	GENERAL NOTES Contractor is required to visit the site and inspect items before bidding for the tender. Note :All rates should include supply and install SUPPLEMENTARY PREAMBLES View site : Before submitting, the Contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings. Old material to become property of the contractor Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor who must allow credit for same in the Final Summary Allow for compulsory JBCC contract Minor Works Agreement, JBCC Edition 6.2 March 2014 edition published by the Joint Building Contracts Committee				
1	Minor Works Agreement, JBCC Edition 6.2 March 2014 edition published by the Joint Building Contracts Committee	Item	1.00	R 1,000.00	R 1,000.00
	<u>OCCUPATIONAL HEALTH AND SAFETY</u>				
	Presentation, agreement and implementation of the health and safety plan including notifications to local health and safety authorities, open health and safety file inclusive of Covid 19 requirements as per the Department of labour				
2	Health and safety File	Item	1	R 6,500.00	R 6,500.00
	Carried to summary-				R 7,500.00
	<u>BILL NO.2</u>				
	<u>ALTERATIONS, DEMOLITIONS,ETC</u>				
	REMOVAL OF EXISTING WORK				
	<u>Take down & remove doors, windows and frames etc...and set aside for re-use, including making good plaster and paintwork to receive new (new doors ironmongery measured elsewhere)</u>				
1	Single timber door and frame size 813 x 2100mm high built in one brick wall <i>(Male & Female ablutions)</i>	No	4		
2	Steel frame not exceeding 2,5m ² from one brick wall <i>(Male & Female Ablutions)</i>	No	2		

	<u>Taking out and removing piping, sanitary fittings etc.including disconnecting piping from fittings and making good floor and wall finishes</u>				
3	Vitreous china floor-mounted WC pan including toilet seat (Male & Female ablutions)	No	4		
	Carried to summary-				
	<u>BILL NO :03</u>				
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>				
	<u>DRYWALL PARTITIONS</u>				
	<u>Vitraflex" toilet partitioning with 20mm thick vitreous enamelled steel sheet faced particle board bonded panels and natural anodised aluminium edging and top rails including fixing components and standard ironmongery comprising of indicator bolts, coat</u>				
1	Partition 2200 x 3200mm high (Ticket office)	m	2.5		
2	Extra for a sing door and frame size 900 x 2100mm high (Ticket office)	No	1		
	Carried to summary-				
	<u>BILL NO.04</u>				
	<u>CARPENTRY & JOINERY</u>				
1	Wrought meranti single door including Wooden door frame. Door sizes 930mm x 2032mm high (Female Toilet -A, Male Toilet -A)	No	2		
2	Wrought meranti single door including Wooden door frame. Door sizes 700mm x 1900mm high (Cleaners Messroom)	No	2		
	Carried to summary-				
	<u>BILL NO.05</u>				
	<u>MASONRY</u>				
1	Brick up door & window opening and make good. (Ticket office)	m2	5		
	Carried to summary-				
	<u>BILL NO.06</u>				
	<u>PLASTERING</u>				
1	Cement plaster wood floated on brickwork On walls- (Ticket office)	m2	10		

	Two coats gypsum plaster "Rhinolite" polished to a smooth finish				
2	On Vitraflex" toilet partitioning plasterboard- (Ticket Office)	m2	11.5		
3	On Plaster- (Ticket Office)	m2	10		
	Carried to summary-				
	<u>BILL NO.07</u>				
	<u>PAINTING</u>				
	PAINTWORK, ETC. TO NEW WORK				
	<u>ON FLOATED PLASTER</u>				
	<u>Paint one coat Plascon Professional Plaster primer and finish with two coats Plascon Superior Low Sheen as per PRASA colour specification.</u>				
1	Walls (Ticket Office)	m2	10		
	<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED WORK</u>				
	<u>PREPARATORY WORK TO EXISTING WORK</u>				
	Note: All 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 suitable filler and finished smooth				
	ON FLOATED PLASTER				
	<u>Paint one coat Plascon Professional Plaster primer and finish with two coats Plascon Superior Low Sheen as per PRASA colour specification.</u>				
2	Walls- (Kitchen, Walkway Passage, Male & Female Abutions, Main entrance, Store room)	m2	311		
	ON PLASTER BOARD				
	<u>One coat resin based bonding liquid and two coats superior acrylic PVA emulsion paint on work in poor condition</u>				
3	On ceilings and cornices (Female & Male Abutions, waiting Area, Storage lockers, Walkway passage)	m2	170		
4	On drywall partitions- (Ticket office)	m2	15		
5	On Concrete Soffits- (Main Entrance, Female & Male Abutions, Ticket office , Subway)	m2	370		
	ON METAL SURFACE				

	Paint one coat "Plascon" Metalcare Mild Steel Primer and two coats "Plascon" Professional Gloss Enamel.				
6	On steel gates painted both sides (Ticket office, Main Entrance)	m2	20		
7	On Window frames & Door Frames (Female, Male Abolutions & Ticket office)	m2	10		
8	On Seating Steel Benches Not Exceeding 3m length (Platform)	No	30		
	Paint one coat "Dulux" Supergrip primer and one coat "Dulux" Trade universal undercoat and two coats "Dulux" Trade Pearlgl. As per Prasa colour Specification				
9	On Timber Doors & Timber Door frames (Storage room, Ticket office, Male & Female Abolutions)	m2	42		
10	On Skirting (Ticket office)	m	50		
	Carried to summary-				
	BILL NO.08				
	IRONMONGERY				
	LOCKS				
	"Union" or equal and approved fixed to timber				
1	Three lever lockset (2 Keys) with striking plate fixed to metal .Lockset with lock, handles and keys, complete (Waiting rooms, Female Toilet)	No	4		
2	Lock indicators (Female & Male Abolutions)	No	7		
	PADLOCKS				
3	78mm Brass Padlocks Concealed Hardened Steel Shackle KD Code: UN337800000000 (External gate)	No	2		
4	40mm Brass Padlocks with 20mm Hardened Steel Shackle KD, Code: UN334000000000 (Burglar gates)	No	4		
	Carried to summary-				
	BILL NO.09				
	GLAZING				
	GLAZING TO STEEL WITH PUTTY				
1	<u>4 mm Clear float glass</u> Panes exceeding 0,5m2 (Ticket office & Female Abolutions)	m2	4		
	<u>4mm Silvered float glass copper backed mirrors with polished edges fixed with chromium plated dome headed mirror screws</u>				

2	Mirror size 450 x 600mm high (Ticket Office)	No	1		
	<u>Window Tinting</u>				
3	Highly Reflective Silver Mirror Window Film Sun Blocking Mirror Reflective Window Tint One Way Heat Control Vinyl Anti UV Glass Stickers (Ticket Office)	m2	20		
	Carried to summary-				
	<u>BILL NO.10</u>				
	<u>WINDOW BLINDS</u>				
1	Aluminium window blinds 25mm wide blind slats Window opening size 1460 x 1800mm . (Ticket office)	No	1		
	Carried to summary-				
	<u>BILL NO.11</u>				
	<u>METALWORK</u>				
	GALVANIZED PRESSED STEEL DOOR FRAMES				
	<u>1.6mm Single rebated frames suitable for One brick wall</u>				
1	Steel Door frame for door 813 x 2100mm high (Male Toilet)	No	2		
	GALVANIZED PRESSED STEEL WINDOW FRAMES				
	<u>Standard residential windows with 10mm diameter mild steel</u>				
2	Steel Window frame 533 x 600mm high (Ticket Office)	No	1		
3	Stainless Steel engraved plate male signage, size 150 x 150mm (Male Toilet)	No	2		
4	Stainless Steel engraved plate Female signage, size 150 x 150mm (Female Toilet)	No	2		
	Carried to summary-				
	<u>BILL NO.12</u>				
	<u>PLUMBING AND DRAINAGE</u>				
	SANITARY FITTINGS				
	NOTE: ALL WASTE PIPES/TOILET OUTLET TO BE CHANGED FROM STEEL TO PVC PIPES.				
1	"Vaal"or equally approved Hibiscus vitreous china <u>wash-down pan</u> code 772654 complete with 9 litre front flush cistern code 710533 Including lid and fitment and Jazz Thermoset seat Note: Installation SHALL include waste, traps, supply and waste piping complete (Female Toilet, Male Toilet & Ticket office).	No	7		

	"Whyte house" Vandal resistant Sanitary fittings				
2	Wall mounted basin with One tap hole code 030337/029799, Idral 'Franke Aqualine-S Aqua 205 Stainless steel self closing bib tap, code '359 743, with angle outlet, aerator with flow straightener, angle valve 832-10 "Including basin waste, traps, etc. Note :Installation SHALL include waste, traps, supply and waste piping complete(Female Toilet)	No	2		
3	Urinal code 029800 with Isca Automatic flush sensor code 4420/CH. Note : Installation SHALL include waste, traps, supply and waste piping complete (Male toilet)	No	4		
4	single bowl sink and drainer Overall size 800 x 460mm with One 340 x 370 x 150mm deep bowl, including fitting , fixed to brickwork or concrete with 40 x 40mm square stainless steel wall mounting gallow brackets, Installation shall Include flush valve traps, etc., Installation SHALL include all supply and waste piping,complete (Messroom)	No	1		
5	TAPS, VALVES, ETC 15mm 130CP "Star" under wall pattern stopcock	No	6		
6	15mm 121-15RB stopcock	No	4		
7	HOT WATER HEATERS 5lt hydroboil including fittings	No	1		
	Carried to summary-				
	<u>BILL NO.13</u>				
	<u>EXTERNAL WORK-</u>				
1	Steel litter bin size 400mm Ø x 750mm high / 72-litre capacity with steel ash tray, galvanised with a polyurethane paint.	No	4.00		
2	Patch tar platform surface to match existing	m2	20.00		
3	<u>Mild steel welded palisade gate including spot prime exposed metal surfaces and and two coats high gloss enamel paint</u> Palisade fence vehicle swing double gate 1850mm wide x 2400mm high overall, formed of 150 x 75 x 3mm thick hollow section frame, 100 x 75 x 3mm thick hollow section middle rail and cross bracing bars and with 25 x 25 x 2.5mm thick angle section spiked vertical bars at maximum 143mm centres welded to frame, middle rail and cross bracing bars complete with approved heavy duty castors, etc. completely installed and painted	No	1		
4	<u>HOT DIPPED GALVANISED FENCING</u> Supply and install 2100mm high galvanised vandal Palisade Fencing comprising of 76x76x2mm square hollow section posts x 2700mm set 600mm deep in 300x300 concrete bases at 3000mm centres, with 40x40mm top and bottom beam frame bolted to post, 25x25mm vertical members spaced at 150mm centres with Tiger spikes welded to top beam.	m	60		

	<u>BOLLARDS</u>				
5	150mm Diameter steel bollards with concrete infill ,300mm below the ground and 900mm above the ground	No	4.00		
6	150mm Diameter steel bollards with concrete infill not exceeding 1200mm with lockable mechanism sets	No	3.00		
	<u>GALVANISED STEEL MESH STONEGUARD</u>				
	Security wire mesh screens to frames as per PRASA CRES specification				
7	Welded security grille screen for opening 1450x 1810mm high overall, with 25 x 25 x 3mm thick metal surround frame . (Waiting Area)	No	4.00		
	<u>Carried to summary-</u>				
	<u>BILL NO.14</u>				
	<u>ELECTRICAL INSTALLATION</u>				
	<u>Provisional Sum</u>				
	Electrical work COC is required at the end of the project				
	<u>LIGHT POLES INSIDE YARD CLOSE TO FOOT BRIDGE</u>				
1	Supply and fit light fittings: Die-cast heavy duty LED flood lights 10500Lm minimum. Cool white	Item	9		
2	Trenching 300mm wide x 600mm deep	m	160		
3	Supply and fit 10mm ² supply SWA 4 core copper cable	m	160		
4	Supply and fit circuit breaker: 3 pole 40 Amps	Item	1		
5	Supply and fit circuit breaker pole covers	Item	5		
6	Supply and fit circuit breaker: single pole 10 Amps. Circuit breaker to be installed on pole as well as inside sub-station	Item	10		
7	Supply and install contactor	Item	2		
8	Supply and install photo cell	Item	2		
	<u>BETWEEN PLATFORM 2&3</u>				
9	Dig holes 1000mm x 1000mm x 1500mm deep on platform for light poles.	Item	5		
10	Trenching 300mm wide x 600mm deep	m	60		
11	Supply and install 110mm PVC pipe. Compact backfill. Replace tar topping	m	60		
12	Supply and fit concrete poles. 4500mm high x 200mm - 95mm tapered. Include spigot and circuit breaker cover. Include concrete, base plate and steel reinforcing for planting pole inside hole. Install 25mm conduit for supply cable entry. Follow manufacturer's guidelines to secure pole.	Item	5		

13	Supply and fit light fittings: Die-cast heavy duty LED flood lights 6500Lm minimum. Cool white. Light pole between subway staircae to have double fittings. Include brackets for mounting to concrete poles.	Item	5			
14	1000mm bracket for lights fitted to concrete pole on platform illuminating subway staircase, bracket to extend such that light illuminates staircases from subway. (refer to item above)	Item	2			
15	Supply and fit 10mm ² SWA 4 core copper cable for new concrete light poles	m	60			
16	Supply and fit circuit breaker: single pole 10 Amps. Circuit breaker to be installed on pole as well as inside kiosk.	Item	8			
17	Supply and fit circuit breaker: 3-pole 40 Amps	Item	1			
18	Supply and install contactor	Item	2			
19	Supply and install photo cell	Item	2			
20	Remove post top lamps and dispose	Item	10			
21	Retrofit LED post top fittings. 4000Lm minimum. Cool white. Housing: Top cover - glass-filled nylon. 100 000Hrs life span. Dimensions: 370x370x490 pole mount.	Item	10			
22	Supply and fit 10mm ² SWA 4 core copper cable	m	60			
23	Low voltage resin filled submersible joint kits	Item	12			
24	Supply and fit 16mm ² SWA 4 core copper cable	m	60			
25	400mm x 400mm x 15mm plywood fitted over manhole	Item	20			
26	Concrete over manhole. Cast concrete over plywood to form a permanent cover over manholes.	m ³	1			
	<u>SUBWAY</u>					
27	Supply and fit double 4-foot LED fittings IP65.	Item	8			
28	Supply and fit galvanized anti-vandal cages for 4-foot light fittings.	Item	8			
29	Supply and fit twin and earth 2.5mm ²	m	100			
30	Supply and fit metal conduit 20mm with saddles	m	60			
31	Chase into concrete wall to secure conduit. Plaster and paint.	m	60			
32	Supply and fit circuit breaker: single pole 20 Amps	Item	2			
	<u>END OF PLATFORM 1 INCLUDING YARD</u>					

33	<p>Smart LED Solar Street lights for yard end of platform 1. 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.</p> <p>Solar lighting at minimum 7000 lumens per unit Integrated Battery pack Lithium Ion Protection Rating IP65 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 on site.</p>	Item	3		
34	<p>Supply and install 50mm diameter galvanized poles. 2000mm long x 1mm minimum wall thickness. Include stays for support. Poles and support stays to be welded onto steel roof structure of waiting shelter end of platform 1. Welding painted anti-rust and galvanizing paint.</p>	Item	2		
35	<p>Smart LED Solar Street lights for end of platform 1. 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.</p> <p>Solar lighting at minimum 7000 lumens per unit Integrated Battery pack Lithium Ion Protection Rating IP65 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 galvanized poles (refer to item above)</p>	Item	2		
<u>OFFICE BLOCKS, WAITING SHELTERS AT OFFICE BLOCK, ABLUTION, STORAGE ROOM AND TRAIN DRIVER'S OFFICE</u>					
36	Supply and install standard household electrical switches	Item	8		
37	Supply and retro-fit LED tubes 4 foot	Item	30		
38	Supply and install 16 Amp Single Plug And New RSA Plug + 2x USB Ports For 4 X 4 Electrical Box.	Item	8		
39	Supply and fit double LED 4-foot fittings IP65	Item	7		
40	Supply and fit twin and earth 2.5mm ²	m	100		
41	Supply and fit 3-pole earth leakage 63Amps	Item	1		
42	Supply and fit 1-pole circuit breaker 10Amps	Item	3		
43	Supply and fit 1-pole circuit breaker 20Amps	Item	3		
Carried to summary-					
<u>BILL NO.15</u>					
<u>MECHANICAL INSTALLATION</u>					

	Supply and install BTU Split Unit airconditioner complete, with a standard back to back installation, 2m of copper pipe, cable and drain pipe, an electrical power supply to nearest plug socket, and mounting brackets. Features must include a cooling and heating, minimum temp of 18°C and maximum temp of 30°C. With auto cool, power failure auto restart, electronic touch controls with remote, 12 hour on/off timer. With a 5-year warranty				
1	12 000 BTU (Ticket office)	No	1		
Carried to summary-					
<u>SUMMARY</u>					
1	PRELIMINARIES AND GENERAL COSTS-				
2	ALTERATIONS, DEMOLITIONS,ETC-				
3	CEILINGS, PARTITIONS AND ACCESS FLOORING-				
4	CARPENTRY & JOINERY-				
5	MASONRY-				
6	PLASTERING-				
7	PAINTING-				
8	IRONMONGERY-				
9	GLAZING-				
10	WINDOW BLINDS-				
11	METALWORK-				
12	PLUMBING AND DRAINAGE-				
13	EXTERNAL WORK-				
14	ELECTRICAL INSTALLATION-				
15	MECHANICAL INSTALLATION-				
SUB-TOTAL					
VAT(15%)					
TOTAL					
<u>LAINGSBURG STATION</u>					
<u>BILL NO. 1</u>					
<u>PRELIMINARIES AND GENERAL COSTS</u>					
GENERAL NOTES					

Contractor is required to visit the site and inspect items before bidding for the tender.

Note :All rates should include supply and install

SUPPLEMENTARY PREAMBLES

View site :

Before submitting, the Contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings.

Old material to become property of the contractor

Old materials from alterations, except where described to be re-used or handed over, become the property of the contractor who must allow credit for same in the Final Summary

Allow for compulsory JBCC contract

Minor Works Agreement, JBCC Edition 6.2 March 2014 edition published by the Joint Building Contracts Committee

Item 1.00

OCCUPATIONAL HEALTH AND SAFETY

Presentation, agreement and implementation of the health and safety plan including notifications to local health and safety authorities, open health and safety file inclusive of Covid 19 requirements as per the Department of labour

Health and safety File

Item 1

Carried to summary-

BILL No.2

ALTERATIONS, DEMOLITIONS,ETC

REMOVAL OF EXISTING WORK

- 1 Hacking up/off and removing of vinyl flooring including removing of mortar bed or adhesive from concrete and preparing surface for new screed.
(Waiting area & Guardroom & foyer leading to female,Female ablution)

m2 73

- 2 Timber skirting
(Waiting area,Ticket office, foyer to female toilets,Guardroom,Female ablutions)

m 54

- 4 Single timber door and frame size 813 x 2032mm high built in one brick wall
(Old ticket office,Female ablutions,male ablutions)

No 8

- 5 Extra over for door frame, plaster & paint the opening. Size

No 1

- 6 Glazed timber window size 900 x 1200mm high with timber sub frame built in one brick wall.
(Female &male ablutions)

No 2

- 7 Taking out and removing sanitary fittings such as Bath complete, WC pan including cystem etc including cutting off as necessary, disconnecting piping from fittings and making good damaged plasterwork to walls and floors (all redecoration work elsewhere):
(Female &male ablutions)

No 4

8	Taking out and removing sanitary fittings WHB etc including cutting off as necessary, disconnecting piping from fittings and making good damaged plasterwork to walls and floors (all redecoration work elsewhere): (Female & male ablutions)	No	2		
9	Take out and remove sanitary fittings urinal size (1600mm x 1400mm high) including cutting off as necessary, disconnecting piping from fittings and making good damaged plasterwork and walls. (Male ablution)	No	1		
10	Clean & remove paint on window panes and burglar bars and make good. Window sizes 1800X1200mm	No	5		
11	Take down & remove ceiling including cornice (Room 1, female toilets, male toilets)	m2	32		
Carried to summary-					
BILL NO.3					
Drywall Partitions					
1	Lafarge Gypsum or similar approved 90mm thick partitioning comprising internal framing formed of 64mm galvanised steel studs fixed at 600mm centres painted with natural anodised aluminium frames. Partition size 34200mm high (Guardroom)	m	2		
2	Extra for single door and frame size 900 x 2,100mm high, including lock set (elsewhere measured)	No	1		
CEILING					
3	6.4mm "Rhino" gypsum plasterboard with 63mm wide strips of mesh scrim nailed over joints and the whole finished skimmed smooth on including metal Tee's at 400mm centres one way to underside of rafters (Female ablutions, male ablutions)	m2	21		
4	75mm Coved cornices RHINO" gypsum plasterboard cornices	m	64		
5	Extra over ceilings for 600 x 600mm trap door consisting of gypsum plasterboard on metal tee's with in a pre-made aluminium angle support surround (Female ablutions, male ablutions)	No	2		
Carried to summary-					
BILL NO.4					
CARPENTRY AND JOINERY					
1	Supply and install "White Melanine" kitchen cupboard including granite Worktop 600mm wide including cut out for fitting to kitchen sinks, etc. This shall include all the fittings, traps and piping. Size 1200X600mm	No	1		
2	Extra over for splash back tiles above kitchen sink	m2	1		
3	Supply and install Wrought meranti framed, ledged and braced batten door, with tongue and grooved slats with V-joints. 40mm Single door size 813 x 2032mm high (Old ticket office, Female ablution, Male ablution)	No	3		

4	Semi solid flush doors with commercial veneer suitable for painting hung to timber frames. 40mm Door 813 x 2100mm high in half brick wall. This shall include bolts required (Female ablutions & Male ablutions)	No	4		
	FRAMED FRAMES ETC				
5	90x70mm Timber frame for door size 813 x 2032mm high with sill (Male ablution)	No	1		
6	90x70mm Timber frame for door size 813 x 2032mm high no sill (Female & Male ablutions)	No	4		
7	Supply and install timber Canteen timber benche with backrest 4 seater. Size 1200X1300mm long.	No	1		
Carried to summary-					
<u>BILL NO.5</u>					
<u>PAINTWORK</u>					
All paint colours shall be as per PRASA CRES Finishes specification schedule					
<u>Prepare surface and paint one coat Plascon Professional Plaster primer and finish with two coats Plascon Superior Low Sheen as per PRASA colour specification.</u>					
1	Internal walls (Waiting area, Ticket office, Guardroom, Ablutions)	m2	300		
2	External walls (Station building & Male ablutions)	m2	250		
ON METAL SURFACE					
<u>Prepare surface and paint one coat "Plascon" Metalcare Mild Steel Primer and two coats "Plascon" Professional Gloss Enamel.</u>					
3	Steel security gates (Waiting area, Ticket office, Male Ablutions)	m2	10		
4	Steel square downpipe.size 100X75X2700mm	No	4		
ON CEILING					
Prepare surface and paint one coat Plascon Professional primer and finish with two coats plascon Superior Low Sheen as per Prasa Specification					
5	On ceiling (Waiting area, Ticket Office, Guardroom, Room1, Female ablution, Male ablutions)	m2	65		
ON WOOD SURFACE					
<u>Prepare surface and paint one coat "Dulux" Supergrip primer and one coat "Dulux" Trade universal undercoat and two coats "Dukux" Trade Pearglo on: As per Prasa Specification</u>					
6	On timber doors & door frames	m2	50		

8	On timber window frames & window frames	m2	28		
9	On timber facia's	m2	30		
Carried to summary-					
<u>BILL NO.6</u>					
<u>TILING</u>					
1	300 x 300 x 7,50mm full bodied R9 Slip rated Porcelain tile with 3mm joints flush pointed with "TAL Wall and floor" grout fixed with "Tal Gold Star 6" rapid setting adhesive waterproof jointing compound (PC Amount R250/m2) (Waiting area, Guardroom, Room1 ,Female ablution, Male ablution)	m2	85		
2	Skirting 150mm high of cut tiles (Waiting area, Guardroom, Room1 ,Female ablution, Male ablution)	m2	54		
<u>WALL TILES</u>					
3	200 x 200mm ceramic tiles fixed with adhesive to plaster plaster elsewhere) and flush pointed with waterproofing plaster elsewhere) and flush pointed with waterproofing (Female&Male ablutions)	m2	64		
3	Deep clean 500X500 carpet tiles and make good (Ticket office)	m2	15		
Carried to summary-					
<u>BILL NO.7</u>					
<u>IRONMONGERY</u>					
1	3 lever lock set SABS approved	No	6		
2	Supply and install Stainless Steel Toilet Cubicle Indicator bolt & lock set	No	4		
4	Supply and install safety gate lock set	No	2		
Carried to summary-					
<u>BILL No. 8</u>					
<u>METAL WORK</u>					
2	Supply and install Natural anodised aluminium windows Top hung etc. glazed with 6.38mm obscure laminated safety glass, plugged to brickwork. Window size 900 X 1200mm (Female ablution & male ablution)	No	2		
3	Supply and install 2 tier alluminium lockers (Guardroom)	No	2		
5	Supply and install galvanised steel mesh stonegaurd Welded security grille screen for opening 1100X 900mm with 25 x 25 x 3mm thick metal surround frame (Female & male ablution)	No	2		
6	Supply and install Silverline stainless steel benches with powder coating 4 seater to be screwed into floor connectors. (Waiting area)	No	3		

	Pressure clean and service roofs including patching holes including painting				
7	Metal sheets	m2	224		
	Carried to summary-				
	<u>BILL NO.9</u>				
	<u>PLUMBING AND DRAINAGE</u>				
	Plumbing certificate required at the end of the project				
	Sanitary Fittings				
1	Supply and install floor mounted back inlet pan fitted with "Walco" prison type push button assembly and with double flap heavy seat. Shall include waste, traps, supply and waste piping complete. (Female ablutions & Male ablutions)	No	4		
2	Supply and install Gypsy Waterborne Wash Hand Basin wall mounted push on demand tap. Shall include waste, traps, supply and waste piping complete. <i>(Female & female ablutions)</i>	No	4		
3	Supply and install Colour tap 363 plain Bibtap white 15mm. Shall include flush pipe, and fittings (Female ablutions & Male ablutions)	No	4		
4	Supply and install Cobra Watertech Ledimo or equal approved 15mm chrome plated wall mounted sink mixer with overarm swivel outlet, adjustable wall flanges and concealed connections manufactured in accordance with SANS. (Guardroom)	No	1		
5	Supply & install Vaal "Sweetpea" wall mounted urinal with back inlet with manual flush. Shall include flush pipe and fittings fixed on and including two hanger brackets. Size 565 X 275 X 310mm (Male ablution)	No	2		
6	Supply and install 5 litre Kwikot or Franke ZIP Stainless steel water boiler with stainless steel tank, electronic controls, connected to 15mm cold water supply and 230 volt 2000 watt electrical power supply (Guardroom)	No	1		
	<u>SUNDRIES</u>				
5	Supply and install Satin stainless steel paper towel dispenser with min 600 folded paper towels and cylinder lock, plugged and screwed to the wall (Female ablution & male ablution)	No	2		
6	Supply and install Satin stainless steel sanitary disposal bins mounted to the wall. (Female ablution & male ablution)	No	2		
7	Supply and install satin stainless steel recessed toilet roll holder to fit two rolls and to be mounted to the wall. (Female ablution & male ablution)	No	4		
8	Supply and install brushed aluminium vinyl sheet bonded male sign size 300x300	No	1		

	Female ablutions				
9	Supply and install brushed aluminium vinyl sheet bonded male sign size 300x300 (Male ablution)	No	1		
10	Supply and install "Denver Bevelled" or similar approved mirror. Size 3X300X600mm (Female ablution & male ablution)	No	2		
	Carried to summary-				
	<u>BILL NO.10</u>				
	<u>Window Tinting</u>				
1	Highly Reflective Silver Mirror Window Film Sun Blocking Mirror Reflective Window Tint One Way Heat Control Vinyl Anti UV Glass Stickers	m2	11		
	Carried to summary-				
	<u>BILL NO.11</u>				
	EXTERNAL WORK				
1	Patch tar platform surface to match existing	m2	50.00		
	Carried to summary-				
	<u>BILL NO.12</u>				
	ELETRICAL WORK				
	Electrical work COC is required at the end of the project				
1	Trench 300mm wide x 600mm deep	m	60		
2	Supply and install 10mm ² 4 core SWA cable for footbridge	m	160		
3	Supply and install steel conduit 25mm diameter to be welded onto steel structure	m	100		
4	Supply and install photo switch for footbridge lighting	Item	1		
5	Supply and install contactor for footbridge lighting	Item	1		
6	Supply and fit light fittings: Die-cast heavy duty LED flood lights 10500Lm minimum. For footbridge. Cool white	Item	6		
7	Remove street lights at station entrance way and dispose	Item	3		
8	Supply and fit light fittings: Die-cast heavy-duty street LED flood lights 10500Lm minimum. For station entrance way. Cool white	Item	3		
	Carried to summary-				
	<u>SUMMARY</u>				
1	PRELIMINARIES AND GENERAL COSTS-				
2	ALTERATIONS, DEMOLITIONS,ETC-				
3	CEILINGS, PARTITIONS AND ACCESS FLOORING-				

4	CARPENTRY & JOINERY-									
5	PAINTING									
6	TILING									
7	IRONMONGERY									
8	METAL WORK									
9	PLUMBING & DRAINAGE									
10	GLAZING									
11	EXTERNAL WORK									
12	ELECTRICAL WORK									
					SUB-TOTAL					
					VAT(15%)					
					TOTAL					