

**SCHEDULE OF QUANTITIES**

**MINOR Refurbishment AT Klipriver Station**

**CIVIL AND GENERAL BUILDING WORK AT KLIPRIVER STATION**

Item No.	Description	Unit	Quantity	Rate	Amount
	<b>SECTION 1</b>				
	<b>BILL NO. 1</b>				
	<b>PRELIMINARY AND GENERAL</b>				
	<b>Preliminary and General</b>				
	<b>The JBCC Edition 1.0 May 2020, Small and Simle Works Contract</b>				
	<b>SECTION A: PRINCIPAL BUILDING AGREEMENT</b>				
	1 Clause 1.0 - Definitions and interpretation Interpretation (A1-A7)				
1	1. General Preliminaries to Include Appointment of Local Community Liaison Officer (CLO), site clearance of trees, shrubs, access vegetation and make good	Sum	1		
	<b>Occupational Health and safety</b>				
	<b>The contractor shall comply with all the requirements set out in the Construction Regulations, issued under The Occupational Health &amp; Safety Act no 85 of 1993.</b>				
	<b>Safety file shall be provided by the contractor prior to commencement of work.</b>				
	<b>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.</b>				
	<b>Note: All designated items should comply with local content threshold.</b>				
2	Compliance with Occupational Health and Safety Act (Act 85 of 1993) and its regulations and with the Employers Health and Safety	Sum	1		
				Carried to final summary	
	<b>SECTION NO. 2</b>				
	<b>CIVIL AND GENERAL BUILDING WORK AT KLIPRIVER STATION</b>				
	<b>BILL NO. 1</b>				
	<b>ALTERATIONS</b>				
	<b>SUPPLEMENTARY PREAMBLES</b>				
	<b>General</b>				
	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				
	The contractor shall take all precautions necessary to prevent any nuisance from dust whilst carrying out the work				
	<b>Leave in good condition</b>				
	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				
	<b>REMOVAL OF EXISTING WORK</b>				
	<b>Taking down and removing side sheetings</b>				
1	Transparent side sheeting	m <sup>2</sup>	50		
	<b>Taking out and removing glass, beads, etc</b>				
2	Broken window pane from steel frame including upgrading, cleaning and preparation to receive new	m <sup>2</sup>	5		
	<b>Taking out and removing piping, sanitary fittings, etc including disconnection piping from fittings</b>				
3	9l Ceramic pan and cistern	m <sup>2</sup>	5		
4	Wash hand basin including all fittings	No	3		
5	Taps	No	5		

6	Down pipes	m	25		
7	Gutters including removal of roof sheetings	m	50		
	<b>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</b>				
8	150 x 150mm sheet steel box gutters in fair condition	m	100		
9	300 x 200mm sheet steel box gutters in fair condition	m	50		
	<b>Clean out and service gutters</b>				
10	150 x 150mm eaves gutter	m	100		
11	300 x 200mm industrial eaves gutter	m	50		
	<b>Taking out, removing, upgrading and re-installation</b>				
	Removal of existing welded mesh fencing with poles, supply and install 100mm diameter x 2400mm High above the ground x 2mm thick post at 2000mm c/c new pole to match existing, apply anticorrosion coating and installation of fencing on 15MPA concrete footings including re-installation of the removed 2400mm high welded mesh fencing	m	150		
	<b>SERVICING, REPAIRING, RE-FIXING, CLEANING, ETC OF EXISTING WORK</b>				
	<b>Clean down existing roof sheeting, 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</b>				
13	Sheet steel box gutters in fair condition	m	100		
	<b>Clean out and service gutters</b>				
14	125 x 100mm eaves gutter	m	100		
	<b>Upgrading of stormwater and Sewer network</b>				
15	High pressure jetting and cleaning of 300mm diameter stormwater underground pipe	m	150		
16	High pressure jetting and cleaning of 110mm diameter sewer underground pipe	m	150		
			Carried to final summary		

Item	Description	Unit	Quantity	Rate	Amount
	<b>BILL NO. 2</b>				
	<b>CARPENTRY AND JOINERY</b>				
	<b>TIMBER</b>				
	All softwood to be South African Pine				
	<b>DOORS, ETC</b>				
	<b>Wrought meranti doors hung to steel frames</b>				
	<b>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</b>				
1	813 x 2032 x 44mm single leaf solid core with commercial veneer for paint. pricing shall include painting as per manufactures specification	No.	1		
	<b>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</b>				
2	813 x 2032 x 44mm single leaf solid core with commercial veneer for paint. pricing shall include painting as per manufactures specification	No.	2		
	<b>FITTINGS</b>				
	<b>The following in modular timber cupboards, counters, duty stations, desk etc. as per Cupboard Connections Specification</b>				
	<b>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 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)</b>				
	<b>Built in cupboards fittings</b>				
	<b>General</b>				

<p><u>The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork and paint or varnish finishes</u></p>					
<p><u>Kitchen cupboards, etc.</u></p>					
3	Kitchen sink floor cupboard 2000 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	No.	2		
<p><u>Interior type particle board with Formica veneer</u></p>					
4	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.	m	8		
5	2mm thick edge strip 32mm wide	m	12		
6	Cut 50mm work top to fit end bowl sink, measured else where	No.	2		
			Carried to final summary		
Item	Description	Unit	Quantity	Rate	Amount
<p><b>BILL NO 3</b></p> <p><b>IRONMONGERY</b></p> <p><b>LOCKS</b></p> <p><b>Supply and install</b></p>					
1	Ultra-security heavy duty double pin locks	No	2		
2	3 liver mortice lockset with handles	No	2		
3	Indicator door lock chrome plated	No	6		
4	Cylinder security gate locks	No	8		
			Carried to final summary		
Item	Description	Unit	Quantity	Rate	Amount
<p><b>BILL NO 4</b></p> <p><b>PLUMBING WORK</b></p> <p><b>SANITARY FITTINGS</b></p>					
1	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	3		
2	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		
<p><b>URINAL BASIN</b></p>					
4	Sanitary ware white vitreous wall mounted urinal with top inlet or back inlet . Overall size 600x385x380mm. Supplied with 38mm c.p. domical grating, a spreader(with a 20mm tread) and two hanger brackets	No	2		
<p><b>SINK, BASIN, ETC</b></p>					
6	Grade 430 stainless steel double bowl sink and drainer size 1160 x 460mm with tiling key, 40mm chromium plated flanged outlets and waste unions, vulcanite or rubber plugs, chromium plated chains and stays, 40mm rubber resealing P-trap with extension piece and clamped connections	No.	2		
<p><b>TAPS, VALVES, ETC</b></p> <p><b>Supply and install</b></p>					
7	Self-closing push button tap	No.	5		
10	Exposed type urinal flush valve with ball-o-stop, wall flange, chrome plate finish and non-hold open feature	No.	2		
12	Flexi connector	No	5		
13	15 Brass Gate Valve	No	1		
14	15mm Mini Ball Valve	No	5		
<p><b>WASTE UNINON ETC</b></p>					
16	Basin waste, plug, chain, stay and backnut	No.	5		

	<b>TRAPS ETC</b>				
17	38mm sink "P" trap	No.	5		
18	365/40 CP bottle trap 40 x 40 INC CP/PVC adaptor to 40mm suitable for wash hand basin and urinal ceramic basin	No.	2		
19	110mm pan connector completely	No.	5		
	<b>WATER SUPPLIERS</b>				
	<b>Class "O" copper pipe</b>				
20	15mm pipes	m	5		
21	15mm pipes chased into brick walls and make good	m	5		
22	22mm pipes	m	5		
23	22mm pipes chased into brick walls	m	5		
	<b>Extra over class "O" copper pipes for capillary fittings</b>				
24	15mm fitting	No.	5		
25	22mm fitting	No.	5		
26	15mm Tee	No.	5		
27	22mm Tee	No.	5		
36	50mm waste pipes with all connection and make good	m	5		
	<b>PLATFORM MANHOLE COVERS AND FRAMES</b>				
51	600 x 900mm polymer lid and frame including to make good after completion	No.	5		
	<b>RAIN WATER GOODS</b>				
	<b>0.9mm galvanized sheet iron</b>				
59	250 x 200mm industrial eaves gutter including heavy duty brackets fixed at 500mm centers	m	50		
60	Extra over 250 x 200mm eaves gutter for stopped end	No.	8		
61	Extra over 250 x 200 eaves gutter for angle	No.	5		
62	Extra over 125 x 100mm eaves gutter	No.	8		
63	300mm rainwater pipes	m	25		
64	Extra over rainwater pipe for shoe	No.	8		
				Carried to final summary	
<b>Item No.</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>BILL NO.4</b>				
	<b>METAL WORK</b>				
	<b>SECURITY GATES</b>				
	<b>Supply and install Burglar door</b>				
1	900 x 2100mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing	No.	2		
	<b>PLATFORM WASTE BINS</b>				
	<b>Hot dipped galvanised perforated swing bin manufactured on a base plate to be bolted down to the ground.</b>				
2	Supply and deliver bins to match the existing	No.	6		
				Carried to final summary	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>BILL NO.6</b>				
	<b>GLAZING</b>				
	<b>GLAZING TO STEEL WITH PUTTY</b>				
	<b>4mm clear float glass</b>				
1	Panes exceeding 0.1 m2 and not exceeding 0.5m2	m <sup>2</sup>	5		
	<b>4mm clear obscure glass</b>				

2	Panels exceeding 0.1 m2 and not exceeding 0.5 m2	m <sup>2</sup>	5		
	<b>Mirrors</b>				
	<b>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</b>				
3	Mirror 1000 x 1000mm with four screws	No.	4		
	<b>Perspex sheet</b>				
4	10mm thick High-quality clear perspex sheet including frame with exceptional transparency and UV resistance—ideal for glazing, crafts, and industrial use mounted on the existing access point steel structures	m <sup>2</sup>	40		
				Carried to final summary	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>BILL NO.7</b>				
	<b>PAINTWORK</b>				
	<b>For preambles see "Model Preambles for Trades" 2008 edition published by the Association of South African Quantity Surveyors</b>				
	<b>SUPPLEMENTARY PREAMBLES</b>				
	<b>Previously painted plastered surfaces</b>				
	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				
	<b>Previously painted metal surfaces</b>				
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal				
	<b>Previously painted wood surfaces</b>				
	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				
	<b>PAINTWORK, ETC TO NEW WORK</b>				
	<b>ON FLOATED PLASTER</b>				
	<b>One coat professional plaster primer and two coats of white Professional Superior Low Sheen</b>				
1	On ceiling and cornices	m <sup>2</sup>	100		
	<b>ON WOOD</b>				
	<b>One coat wood primer, one Universal Undercoat and two coats Prasa Oakley Brown enamel paint</b>				
2	On doors	m <sup>2</sup>	40		
	<b>ON METAL</b>				
	<b>One coat zinc chromate primer, one under coat and two coats professional white gloss enamel paint</b>				
3	On buglers, gates, door frames, window frames, rainwater goods etc	m <sup>2</sup>	40		
	<b>PLATFORM MARKING</b>				
	<b>Prepare and paint yellow road marking paint on tared platform surfaces</b>				
11	Chevron safety line	m	555		
				Carried to final summary	
<b>Item</b>	<b>Description</b>	<b>Unit</b>	<b>Quantity</b>	<b>Rate</b>	<b>Amount</b>
	<b>BILL NO. 8</b>				
	<b>HOT MIX ASPHALT RESURFACING</b>				
	<b>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.</b>				
1	Cutting, Scarify and removal of old tar surfaces	m <sup>2</sup>	50		
1	Apply tack coat	m <sup>2</sup>	50		
2	40mm thick after compaction hot mix asphalt resurfacing laid as per manufactures specification	m <sup>2</sup>	50		

CIVIL AND MINOR GENERAL WORKS FINAL SUMMARY

MINOR WORKS AT KLIRIVER STATION

Description	BILL	Quantity	Rate	Amount
<u>SECTION 2</u>				
1 Alterations	1			
2 Earth works	2			
3 Concrete works	3			
4 Roof covering	4			
5 Carpentry and Joinery	5			
6 Ceiling work	6			
7 Ironmongery	7			
8 Plumbing work	8			
9 Metal work	9			
10 Glazing	10			
11 Paint work	11			
12 Masonry	12			
13 Plastering	13			
14 Hot Mix Tar Resurfacing	14			
				SUB TOTAL
				ADD VAT @ 15% R
				TOTAL AMOUNT R

Item	Description	Unit	Quantity	Rate	Amount
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SECTION 3			
ELECTRICAL WORKS: SCHEDULE OF QUANTITIES			
PROVISIONAL SCHEDULE OF QUANTITIES			
Major Supply and Installation of Platform and Shelter Lighting at Klipriver Station			
BILL NO. 1			
<u>PROVISIONAL SUM</u>			
1	Allow for provisional sum of R200,000.00 (Two hundred thousand) for electrical work to be used upon instruction in writing by the Project Manager, who may decide that the sum may be expended or used in whole or in part in favour of any person or not at all	Sum	R200,000.00
		Carried to final summary	

**FINAL SUMMARY**  
**ELECTRICAL WORK AT KLIPRIVER STATION**

1	SECTION No.3 ELECTRICAL WORK	BILL No.3		R200,000.00
				SUB TOTAL   R
				ADD VAT @ 15%   R
				TOTAL AMOUNT   R

**FINAL SUMMARY**  
**MINOR WORKS AT KLIPRIVER STATION**

1	PRELIMINARY AND GENERAL	SECTION No.1		
2	CIVIL AND GENERAL BUILDING WORK AT KLIPRIVER STATION	SECTION No.2		
3	ELECTRICAL WORK	SECTION No.3		R200,000.00
				SUB TOTAL
				ADD VAT @ 15%
				TOTAL TENDER AMOUNT

BoQ Prepared By: Xolani Hlongwane  
Project Manager (Facilities)

Signature:



Date: 10.02.2026

BoQ Approved By: Mr. Lufu Mpande  
Department: Facilities  
Designation: Assistant Facilities Manager

Signature:

Date: 10.02.2026