



REFURBISHMENT OF KRUGERSDORP STATION		Unit	Quantity	Rate	Amount
ITEM NO	<u>SECTION 1</u>				
1	<p>PRELIMINARIES</p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></p> <p>The JBCC Series 2000 Minor Works Agreement (May 2018 edition 5.2) prepared by the Joint Building Contracts Committee, shall be the agreement, amended as hereinafter</p> <p>The Preliminaries for use with the JBCC Series 2000 Minor Works Agreement (May 2018 edition) prepared by the Joint Building Contracts Committee, shall be deemed to be incorporated in these bills of quantities</p> <p>Contractors are referred to the above-mentioned documents for the full intent and meaning of each clause thereof</p> <p>These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are <u>not entirely applicable to this contract such modifications,</u> 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</p> <p>SECTION A: PRINCIPAL BUILDING AGREEMENT</p> <p>1 Clause 1.0 - Definitions and interpretation Interpretation (A1-A7)</p> <p>SECTION B: GENERAL PRELIMINARIES</p> <p>1. General Preliminaries to Include Appointment of Local CLO, Security/Guards, site clearance of trees, shrubs, access vegetation and make good</p> <p><u>SECTION NO. 2</u></p>				
2	<p><u>DEMOLITIONS ETC</u></p> <p>Allow R100 000.00 for demolitions as may be directed</p>	Item	1		
3	<p><u>RENOVATIONS</u></p>				

	Allow R600 000.00 for renovations to office blocks	Item	1		
4	<u>SIGNAGE</u>				
	<u>External signage</u>				
	Allow R100 000.00 for external and internal signage as approved by the specialist	Item	1		
	<u>Allow to supply and fit station signage</u>				
	Station name, to match the existing	No	4		
5	<u>Glazing</u>				
	Allow R10 000.00 for replacing broken window glasses	sum			
6	<u>Ironmongery</u>				
	Allow R50 000.00 for replacing damaged ironmongery	item			
7	<u>PLUMBING AND DRAINAGE</u>				
	Drainage and Water Connection				
	Allow R100 000.00 on all UPVC Pipes for drainage at Ablutions and Kitchen on existing buildings and Sewer connection as per below	item	1		
	<u>Sanitary plumbing and Manhole covers</u>				
	Allow a sum of R100 000 to include 7.5% attendance and handling fee for all sanitary Plumbing work on the public ablutions, Ticket office and the at the Platform	Item	1		
	<u>Sewer connection</u>				
	Cutting into sides of existing manhole chamber for and connecting 110mm pipe including inserting 110mm channel junction and making good concrete benching	Item	1		-
8	<u>Storm water management</u>				
	Allow R100 000.00 for Storm water management	item	1		
9	<u>Structural steelwork</u>				
	Allow 200 000.00 for replacement of missing steel purlins, etc and sand blasting of rusted structural steelworks, side cladding, etc	Item	1		

10	STEEL ROLLER SHUTTERS				
	<p>Roll-Up solid galvanised, SABS 1461, & epoxy coated M/S manually hand chain operated push-up roller shutter for maximum opening 3000 x 3000mm high with standard bottom rail, 75 x 0.8mm thick end-locked slats, 120mm extra-wide tamper proof guides, 4.5mm end plates, closed shaft and 2 x slidebolts, extruded with Aluminium Tbar & Astragal rubber weather seal. Including galv. cover box and powder coated components incl. door curtain, end plates, cover box, guides & T-bar. Door fixed to brick, concrete or structural steel jambs and concrete or steel lintel over. Contractor to provide cavity of 160mm x 120mm for recessing guides</p>				
	<p>Manual hand chain Push-up Roller Shutters, for openings not exceeding 3000mm x 2500mm high.</p>	no	1		
11	<u>FENCE AND GATES</u>				
	<p>Construct brick wall boundary wall finished both sides with face brick including all necessary excavations, backfilling, cartaway, concrete blinding, reinforcement, piers and Anti-Cut & Grind (Impenetrable meshing) and anti climb feature of 3m high including spikes</p>	m	90.96		
	<u>GATE</u>				
	<p>Reinstate 2,57 x 2.4 gate at the security room</p>	no	1		
12	<u>PAINTWORK</u>				
	<p>Approved painting to external concrete/brick wall surfaces</p>	m2	946		
	<p>Approved painting to internal concrete/brick wall surfaces</p>	m2	820		
	<u>SECTION 3</u>				
14	<u>ELECTRICAL WORK</u>				

	Allow R 600 000.00 on Electrical Works and reticulation to include all power supply to the station and connection from municipal supply to include but not limited to High mast pole street light fitting, The luminaire to consists of a separate lamp, control gear and spigot compartment. The control gear housing to be separated from the lamp housing for thermal reasons. To be designed to operate 70/400W mercury vapour and 70/400W high- pressure sodium/metal halide lamp.	SUM	1		
	<u>SOLAR PANELS</u>				
	Allow a sum of R300,000.00for the installation of Solar panel to include an inverter and lithium batteries as may be directed	SUM	1		
15	<u>MECHANICAL WORK</u>				
	Allow R270 000.00 on Mechanical Works,Inclusive of Air conditioning and Fire water reticulation around the station to include Fire hydrants and signage.	SUM	1		
16	<u>PLATFORMS</u>				
	Prepare platforms to receive Asphalt(Resurfacing) to include a	m2	300		
	<u>PAVING/RE-SURFACING</u>				
	Re-surfacing of staircases, landing, platforms, etc	m2	100		
17	<u>STEEL WORK</u>				
	Allow R150 000.00 for bullustrade and handrails to staircases and Platform furniture and dustbins, include 7.5% handling and managent fee, all works to be remeasured	SUM	1		
	<u>CONSTRUCTION COST</u>				
	<u>FINAL SUMMARY</u>				
	SUB TOTAL				
	ADD CONTINGENCY@ 10%				
	SUB TOTAL				
	ADD VAT @ 15%				
	TOTAL AMOUNT				-