



	ELSBURG BILL OF QUANTITIES (BOQ)				
	REFURBISHMENT OF ELSBURG STATION	Unit	Quantity	Rate	Amount
ITEM NO.	SECTION 1				
	PRELIMINARIES				
	<u>BUILDING AGREEMENT AND PRELIMINARIES</u>				
	The JBCC Series 2000 Principal Building Agreement (July 2007 edition 5.0) prepared by the Joint Building Contracts Committee, shall be the agreement, amended as hereinafter				
	The Preliminaries for use with the JBCC Series 2000 Principal Building Agreement (May 2005 edition) prepared by the Joint Building Contracts Committee, shall be deemed to be incorporated in these bills of quantities				
	Contractors are referred to the above-mentioned documents for the full intent and meaning of each clause thereof				
	These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract such modifications, 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				
	SECTION A: PRINCIPAL BUILDING AGREEMENT				
	1 Clause 1.0 - Definitions and interpretation Interpretation (A1-A7)				
	SECTION B: GENERAL PRELIMINARIES				
	1. General Preliminaries to Include Appointment of Local CLO, site clearance of trees, shrubs, access vegetation and make good	Item	1		
	2. Contractor is expected to work during the day and at night				
	<u>SECTION NO. 2</u>				
	<u>DEMOLITIONS ETC</u>				
	Allow R50 000.00 for demolitions as may be directed	Item	1		
	<u>RENOVATIONS</u>				
	Allow R300 000.00 for renovations to toilet block	Item	1		
	<u>SIGNAGE</u>				
	<u>External signage</u>				
	Allow R50 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	2		
	<u>Straight cutting</u>				

	PROFILED METAL SHEETING AND ACCESSORIES				
	<u>ON TICKET OFFICE, ABLUTIONS AND PLATFORM AREAS</u>				
	<u>(Re-measure)</u>				
	Roof covering with pitch not exceeding 25 degrees				
	0.58mm "Klip Lok 700" Z275 spelter galvanised				
	ribbed sheet steel with "Chromadek" finish on one side in single lengths and accessories, fixed to timber/steel purlins using SL 700 approved clips and fasteners all in accordance with manufacturer's recommendations and specifications.	m ²	0		
	<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 R250 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		
	Sewer connection				
	Cutting into sides of existing manhole chamber for and connecting 110mm pipe including inserting 110mm channel junction and making good concrete benching	Item			
	Storm water management				
	Allow R100 000.00 for Storm water management	Item	1		
	Structural steelwork				
	Allow R200 000.00 for replacement of missing steel purlins, etc and sand blasting of rusted structural steelworks, side cladding, etc	Item	1		
	STEEL ROLLER SHUTTERS				
	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				
	Manual hand chain Push-up Roller Shutters, for openings not exceeding 3000mm x 2500mm high.	no			
	Supply and install Burglar windows				
	600mm W x 600mm H Box windows guard constructed with 5mm of expanded metal and 50 x 50 x 6mm equal angles.				
	1200mm W x 600mm H Box windows guard constructed with 5mm of expanded metal and 50 x 50 x 6mm equal angles.				
	300mm W x 900mm H Box windows guard constructed with 5mm of expanded metal and 50 x 50 x 6mm equal angles.				
	FENCE AND GATES				
	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	m	580		
	Supply and fit – replace heavy duty gate , with heavy duty industrial motor which allows to be operated manually also., allow all necessary fittings to be installed to the total completion of the job.	no			
	PAINTWORK				
	Approved painting to structural steelworks, side cladding, etc	m²	2285		
	Approved painting to external concrete/brick wall surfaces	m²	0		
	SECTION 3				
	ELECTRICAL WORK				
	Allow R372 000.00 on Electrical Works and reticulation to include all power supply to the station and connection from municipal supply to iclude 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			
	MECHANICAL WORK				
	Allow R200 000.00 on Mechanical Works,Inclusive of Air conditioning and Fire water reticulation around the station to include Fire hydrants and signage.	Sum			

	PLATFORMS				
	Prepare platforms to receive Asphalt(Resurfacing) to include all Yello	m²	1,200		
	PAVING/RE-SURFACING				
	Re-surfacing og staircases, landing, platforms, etc	m²	500		
	STEEL WORK				
	Allow R250 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			
	CONSTRUCTION COST				
	FINAL SUMMARY				
	SUB TOTAL				
	ADD VAT @ 15%				
	TOTAL AMOUNT				