

	REFURBISHMENT OF DENVER STATION- SOUTH GAUTENG REGION: RFQ NO:	Unit	Quantity	Rate	Amount
ITEM NO	<u>SECTION 1</u> BILL NO. 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 <u>Building Contracts Committee, shall be deemed to be</u> 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)				
1	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	<u>DEMOLITIONS ETC</u> Allow sum to include 7.5% attendance and handling fee for demolishing of existing structures and take off site, then make good at platforms, Ticket office, existing ablutions, existing retail area, unused stalls, Structural Steel, Old Steel Poles along the rails.				
		sum	R 105,000		
	Attendance		7,5%		
	Profit		7,5%		
3	<u>TICKET OFFICE, ABLUTIONS</u> Allow a sum to include 7.5% of attendance and handling fee to design, supply and full fitout of ticket office proposed for functionality. The proosal as per brief to have selling counter, Bullet Proof Window, Turnstiles, tiling, ceiling, etc.				
		sum	R 435,000		
	Attendance		7,5%		
	Profit		7,5%		
4	<u>SIGNAGE</u> External signage 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. Allow to supply and fit station signage Station name, to match the existing				
		No.	2		
		No	2		
5	<u>PROFILED METAL SHEETING AND</u>				

	<u>ACCESSORIES</u>				
	ABLUTIONS AND PLATFORM AREAS (Re-measure) Roof covering with pitch not exceeding 25 degrees 0.58mm "Klip Lok 700" Z275 spelter galvanised ribbed sheet steel with "Chromadek" finish on one (13.5m x 5m) side in single lengths and accessories, fixed to timber purlins using SL 700 approved clips and fasteners all in accordance with manufacturer's recommendations and specifications.	m2	120		
6	<u>PLUMBING AND DRAINAGE</u>				
	Drainage and Water Connection Allow a sum on all UPVC Pipes for drainage at Ablutions and Kitchen on existing buildings and Sewer connection as per below Sanitary plumbing and Manhole covers Allow a sum to include 7.5% attendance and handling fee for all sanitary Plumbing work on the public ablutions, Ticket office and the at the Platform	sum	R 215,000		
	Attendance		7,5%		
	Profit		7,5%		
	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	1		
7	<u>SECURITY GATES</u>				
	Supply and install Burglar door				
	815 x 2100mm high Heavy duty Burglar door and frame with 16mm steel round bar and 40 x 40 x 2.5mm square tubing as per attached drawing for single door	no	4		
8	<u>STEEL ROLLER SHUTTERS</u>				

	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	2		
	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.	no	16		
	1200mm W x 600mm H Box windows guard constructed with 5mm of expanded metal and 50 x 50 x 6mm equal angles.	no	6		
	300mm W x 900mm H Box windows guard constructed with 5mm of expanded metal and 50 x 50 x 6mm equal angles.	no	2		
9	<u>FENCE AND GATES</u>				
	Supply and Install Steel Pallisade fence	m	180		
	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	2		
10	<u>PAINTWORK</u> All paintwork internal and external walls , steel work, doors, etc				

	etc.					
		walls	m2	2000		
		steel	m2	600		
11	<u>ELECTRICAL WORK</u>					
	Allow a sum 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		R305,000		
	Attendance			7,5%		
	Profit			7,5%		
	Supply and install a 100KVa stand by generator	no		1		
12	<u>MECHANICAL WORK</u>					
	Allow a sum on Mechanical Works,Inclusive of Air conditioning and Fire water reticulation around the station to include Fire hydrants and signage.					
		sum		R 215,000		
	Attendance			7,5%		
	Profit			7,5%		
13	<u>ASPHALT TO PLATFORMS,ETC</u>					
	Prepare platforms to receive Asphalt(Resurfacing) to include all Yellow Markings	m2		3,000		
14	<u>PAVING</u>					
	60mm interlocking paver blocks as per PRASA spec	m2		250		
15	<u>STEEL WORK</u>					

Allow sum for bullustrade and handrails to staircases and Platform furniture and dustbins, include 7.5% handling and managent fee, all works to remeasured				
Attendance Profit	sum	R215,000 7,5% 7,5%		
CONSTRUCTION COST				
FINAL SUMMARY				
10 % Contingency fund				
SUB TOTAL				
ADD VAT @ 15%				
TOTAL AMOUNT				