



	REFURBISHMENT OF GRASMERE STATION	Unit	Quantity	Rate	Amount
ITEM NO	<u>SECTION 1</u>				
1	PRELIMINARIES <u>BUILDING AGREEMENT AND PRELIMINARIES</u> 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 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 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: MINOR 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, Security guards, site clearance of trees, shrubs, access vegetation and make good				
	<u>SECTION NO. 2</u>				
2	<u>DEMOLITIONS ETC</u>				
2.1	Allow R50 000.00 for demolitions including hacking of old tiles and ceilings, broken glazing, or as may be directed	Item	1	R50,000.00	R50,000.00
3	<u>RENOVATIONS</u>				

3.1	Allow R800 000.00 for renovations in the administration building,Eastern ticket office and public ablutions. The ticket office to have anti bandit doors,bullet proof windows and cash safes	Item	1	R800,000.00	R800,000.00
4	<u>SIGNAGE</u>				
	<u>External signage</u>				
4.1	Allow R50 000.00 for external and internal signage as approved by the PM	Item	1	R50,000.00	R50,000.00
4.2	Double sided illuminated and non illuminated projection naming sign 500 x 3000 mm	No	2		
4.3	Floor mounted naming double sided illuminated and non illuminated sign 500 x 3000mm	No	4		
5	<u>PROFILED METAL SHEETING AND ACCESSORIES ON TICKET OFFICE,ABLUTIONS AND PLATFORM AREAS (Re-measure)</u>				
5.1	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.	m2	80		
5.2	<u>SERVICING OF THE ROOF</u> Inspect,clean and replace any damaged roof sheeting and apply waterproofing to the entire roof area	m2	400		
6	<u>PLUMBING</u>				
	<u>Sewer connection</u>				
6.1	Cutting into sides of existing manhole chamber for and connecting 110mm pipe including inserting 110mm channel junction and making good concrete benching	Item	1		
6.2	Allow a sum of R40 000 for manhole covers and drainage gratings where required (All Polymer,concrete or composite manhole covers and gratings to comply with SANS 1882-2003.Lockable option to be available if needed. Sizes to be compatible with standard existing manhole.The product to be (Zapp cover value)	Sum	1	R40,000.00	R40,000.00
7	<u>PAINTING</u>				
7.1	Prepare one coat gypsum and plaster primer and 2 coats of superior low sheen final colour on walls (colour confirmed on site)	m2	2000		

7.2	one coat primer and 2 coats of enamel paint finish over edge on metal surfaces (colour to be confirmed on site)	m2	800		
8	<u>FENCE AND GATES</u>				
8.1	Supply and install pallisade fence (colour to be Prasa Dark Grey Blue)	m	1000		
8.2	Supply and intall full height guide turnstiles with a peadestrian gates	No	5		
	<u>SECTION 3</u>				
9	<u>ELECTRICAL WORK</u>				
9.1	Allow R400 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. Two compartment power skirting,one will be electrical and the other data (colour Motorcraft grey)	SUM	1	R400,000.00	R400,000.00
10	<u>SOLAR PANELS</u>				
10.1	Allow a sum R300,000.00 for the installation of Solar system to include an inverter and lithium ion batteries as may be directed	Provisional sum	1	R300,000.00	R300,000.00
11	<u>MECHANICAL WORK</u>				
11.1	Allow R120 000.00 on Mechanical Works, Fire water reticulation around the station to include Fire hydrants or servicing of,Fire Hose Reels and signage.	SUM	1	R120,000.00	R120,000.00
11.2	<u>Air Conditioning</u>				
11.2.1	Supply and nstall 18000 Btu air conditioning complete units	No	2		
11.2.2	Supply and Install 12000 Btu air conditioning complete units	No	2		
	NB: Air conditioning to be approved by the PM				
12	<u>PLATFORMS</u>				
12.1	Supply and paint platform yellow markings	m2	1,050		
	<u>PAVING/RE-SURFACING</u>				
12.2	Evening or leveling existing paving	m2	300		
12.3	Apply weed killer on the platform paving and other paved areas	m2	3500		
13	<u>STEELWORK</u>				

	Allow a sum of R150 000 for steel work around the station	sum	1	R150,000.00	R150,000.00
	NB!! COC for Electrical and Plumbing will be required				
	CONSTRUCTION COST				
	SUB TOTAL				
	ADD CONTINGENCY@ 10%				
	SUB TOTAL				
	ADD VAT @ 15%				
	TOTAL AMOUNT				