

Item No	Quantity	Rate	Amount
<u>SECTION No. 1</u>			
<u>BILL No. 1</u>			
<u>PRELIMINARIES</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
<p>The JBCC Series 2000 Principal Building Agreement (March 2005 edition 4.1) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described</p> <p>The JBCC Principal Building Agreement Contract Data EC and the JBCC Principal Building Agreement Contract Data CE form an integral part of this agreement</p> <p>The ASAQs Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities</p> <p>Contractors are referred to the above mentioned documents for the 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 not entirely applicable to this agreement 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</p> <p>Where any item is not relevant to this specific agreement such item is marked N/A (signifying "not applicable")</p>			
<u>PREAMBLES FOR TRADES</u>			
Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

	<p style="text-align: center;">Brought Forward</p> <p>The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained</p> <p>Supplementary preambles are incorporated in these bills of quantities to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles</p> <p>The contractor's prices for all items throughout these bills of quantities must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles</p> <p><u>PRICING OF PRELIMINARIES</u></p> <p>Should the contractor select Option A in terms of sub clause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T)</p> <p><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></p> <p>Definitions (A1)</p> <p>Clause 1.0 - Definitions and interpretation</p> <p>1 The measuring system used for the preparation of the bills of quantities is the Standard System of Measuring Building Work (sixth edition, revised 1999) published by the Association of South African Quantity Surveyors</p> <p>[1.1] F:..... V:..... T:.....</p>		R	
	<p style="text-align: center;">Carried Forward</p> <p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>	Item	R	

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

Brought Forward		R
Objective and preparation (A2 - A14)		
2	<p>Clause 2.0 - Offer acceptance and performance obligations</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item
Clause 3.0 - Documents		
Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT) [3.5]		
3	<p>The principal agent shall decide which portion of the priced document may be used as a specification of materials and goods or methods, if any [3.9]</p> <p>F:..... V:.....</p> <p>T:.....</p>	Item
Clause 4.0 - Design responsibility		
4	<p>F:..... V:.....</p> <p>T:.....</p>	Item
Clause 5.0 - Employer's agents		
5	<p>F:..... V:.....</p> <p>T:.....</p>	Item
Clause 6.0 - Contractor's site representative		
6	<p>F:..... V:.....</p> <p>T:.....</p>	Item
Clause 7.0 - Compliance with laws and regulations		
Carried Forward		R
<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries and General</p> <p>Provisional Bills of Quantities</p>		

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	<p>Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2014 issued in terms of the Occupational Health and Safety Act, 1993. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specification [7.1]</p>			
7	<p>F:..... V:..... T:.....</p> <p>Clause 8.0 - Works risk</p>	Item		
8	<p>F:..... V:..... T:.....</p> <p>Clause 9.0 - Indemnities</p>	Item		
9	<p>F:..... V:..... T:.....</p> <p>Clause 10.0 - General insurances</p>	Item		
10	<p>F:..... V:..... T:.....</p> <p>Clause 11.0 - Special insurances</p>	Item		
11	<p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

Brought Forward		R
12	Clause 12.0 - Effecting insurances F:..... V:..... T:.....	Item
13	Clause 13.0 - Assignment F:..... V:..... T:.....	Item
14	Clause 14.0 - Security F:..... V:..... T:.....	Item
15	Execution (A15 - A23) Clause 15.0 - Preparation for and execution of the works F:..... V:..... T:.....	Item
16	Clause 16.0 - Site and access Certain areas will be occupied during the construction period and the contractor must execute the works with as little noise and disturbance as possible to the occupants. [16.6] F:..... V:..... T:.....	Item
17	Clause 17.0 - Contract instructions F:..... V:..... T:.....	Item
Carried Forward		R
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities		

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Brought Forward		R	
Clause 18.0 -Setting out of the works			
18	The contractor shall notify the principal agent if any encroachment of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments [18.1] F:..... V:..... T:.....	Item	
Clause 19.0 - Temporary works and plant			
19	Clause 19.1.1 - Enclosure of the works F:..... V:..... T:.....	Item	
20	Clause 19.1.2 - Office accommodation - provide suitable office accommodation for site meetings with tables and chairs for ten people F:..... V:..... T:.....	Item	
Clause 20.0 - Nominated subcontractors			
21	Refer to the provisions on general attendance hereinafter F:..... V:..... T:.....	Item	
Clause 21.0 - Selected subcontractors			
22	General attendance of n/s subcontractors for pricing by the contractor shall be in accordance with the n/s agreement. Notwithstanding this provision, general attendance shall be deemed to include for the contractor to provide free of charge to any n/s subcontractor such scaffolding as may reasonably be required by such n/s subcontractor for the execution of the relevant subcontract work F:..... V:..... T:.....	Item	
Clause 22.0 - Employer's direct contractors			
23	F:..... V:..... T:.....	Item	
Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

	Brought Forward		R
	Clause 23.0 - Contractor's domestic subcontractors		
24	F:..... V:..... T:.....	Item	
	Completion (A24 - A30)		
25	Clause 24.0 - Practical completion F:..... V:..... T:.....	Item	
	Clause 25.0 - Works completion		
26	F:..... V:..... T:.....	Item	
	Clause 26.0 - Final completion		
27	F:..... V:..... T:.....	Item	
	Clause 27.0 - Latent defects liability period		
28	F:..... V:..... T:.....	Item	
	Clause 28.0 - Sectional completion		
29	F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities		

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

Brought Forward		R
30	<p>Clause 29.0 - Revision of date for practical completion</p> <p>The removal and replacement of materials and/or workmanship which do not conform to the specification or the contract drawings shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3)</p> <p>F:..... V:.....</p> <p>T:.....</p> <p>Clause 30.0 - Penalty for late or non-completion: 0.05% of the Contract Amount inclusive of Value Added Tax per Calendar day</p> <p>F:..... V:.....</p> <p>T:.....</p> <p>Payment (A31 - A35)</p> <p>Clause 31.0 - Interim payment</p> <p>Materials and goods stored off site shall not be included in the amount authorised for payment [31.6.5]</p> <p>F:..... V:.....</p> <p>T:.....</p>	<p>Item</p> <p>Item</p> <p>Item</p>
Carried Forward		R
<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries and General</p> <p>Provisional Bills of Quantities</p>		

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	Clause 32.0 - Adjustment to the contract value - NOT APPLICABLE			
33	<p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor [32.13]</p> <p>Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the agreement and notwithstanding the fact that such prices may be used in an interim payment certificate there is to be no presumption of acceptance. Should the principal agent wish to accept any such prices prior to the issue of the certificate of final completion, it shall be in writing</p> <p>The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims for loss of profit shall not be entertained [32.2] F:..... V:..... T:.....</p>	N/A		
	Clause 33.0 - Recovery of expense and loss			
34	F:..... V:..... T:.....	Item		
	Clause 34.0 - Final account and final payment			
35	F:..... V:..... T:.....	Item		
	Clause 35.0 - Payment to other parties			
36	F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Brought Forward			R	
Termination (A36 - A39)				
37	Clause 36.0 - Termination by employer - contractor's default F:..... V:..... T:.....	Item		
38	Clause 37.0 - Termination by employer - loss and damage F:..... V:..... T:.....	Item		
39	Clause 38.0 - Termination by contractor - employer's default F:..... V:..... T:.....	Item		
40	Clause 39.0 - Termination - cessation of the works F:..... V:..... T:.....	Item		
Dispute (A40)				
41	Clause 40.0 - Settlement of disputes F:..... V:..... T:.....	Item		
Contract variables (A41 - A42)				
Clause 41.0 - Post tender provisions				
42	The contractor is to complete and submit with his tender the JBCC Principal Building Agreement Contract Data CE F:..... V:..... T:.....	Item		
Carried Forward			R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities				

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	Clause 42.0 - Contractual agreement			
43	The required information of the parties and the amount of the contract sum shall be inserted in the agreement for signature of the agreement by the parties F:..... V:..... T:.....	Item		
	<u>SECTION B:</u> <u>ASAQS (NOVEMBER 2007 EDITION)</u> <u>PRELIMINARIES</u>			
	Definitions and interpretation			
44	Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....	Item		
	Documents (B2)			
45	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item		
	Clause 2.2 - Provisional bills of quantities			
46	F:..... V:..... T:.....	Item		
	Clause 2.3 - Availability of construction documentation			
47	The budgetary allowances and selected subcontract amounts allocated for subsequent trades included in this agreement will be separately procured, based on multiple procurement of selected subcontractors during the construction period F:..... V:..... T:.....	Item		
	Previous work and adjoining properties (B3)			
48	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	Clause 3.2 - Previous work - defects			
49	F:..... V:..... T:.....	Item		
	Clause 3.3 - Inspection of adjoining properties			
50	F:..... V:..... T:.....	Item		
	Samples, shop drawings and manufacturer's instructions (B4)			
51	Clause 4.1 - Samples of materials F:..... V:..... T:.....	Item		
	Clause 4.2 - Workmanship samples			
52	F:..... V:..... T:.....	Item		
	Clause 4.3 - Shop drawings			
53	F:..... V:..... T:.....	Item		
	Clause 4.4 - Compliance with manufacturer's instructions			
54	Clause 4.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item		
	Deposits and fees (B5)			
55	Clause 5.1 - Deposits and fees F:..... V:..... T:.....	Item		
	Temporary services (B6)			
56	Clause 6.1 - Water F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
57	Clause 6.2 - Electricity F:..... V:..... T:.....	Item		
58	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item		
59	Clause 6.4 - Ablution facilities F:..... V:..... T:.....	Item		
	Prime cost amounts (B7)			
60	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item		
	Special attendance on n/s subcontractors (B8)			
61	Clause 8.1 - Special attendance F:..... V:..... T:.....	Item		
	General (B9)			
62	Clause 9.1 - Protection of the works F:..... V:..... T:.....	Item		
	Clause 9.2 - Protection/isolation of existing/ occupied works			
63	Certain areas of the site will be occupied during the construction period No F:..... V:..... T:.....	Item		
64	Clause 9.3 - Security of the works F:..... V:..... T:.....	Item		
65	Clause 9.4 - Notice before covering work F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
66	Clause 9.5 - Disturbance F:..... V:..... T:.....	Item		
67	Clause 9.6 - Environmental disturbance F:..... V:..... T:.....	Item		
68	Clause 9.7 - Works cleaning and clearing F:..... V:..... T:.....	Item		
69	Clause 9.8 - Vermin F:..... V:..... T:.....	Item		
70	Clause 9.9 - Overhand work F:..... V:..... T:.....	Item		
Schedule of variables (B10)				
Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract				
10.1 - Provisional bills of quantities [2.2] The quantities are provisional Yes				
10.2 - Availability of construction documentation [2.3] Construction documentation is complete Yes				
10.3 - Previous work - dimensional accuracy [3.1]				
10.4 - Previous work - defects [3.2]				
10.5 - Inspection of adjoining properties [3.3]				
10.6 - Water [7.2]				
Option A (by contractor) Yes				
Option B (by employer - free of charge) No				
Option C (by employer - metered) No				
	Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities				

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	10.7 - Electricity [7.3]			
	Option A (by contractor)	Yes		
	Option B (by employer - free of charge)	No		
	Option C (by employer - metered)	No		
	10.8 - Telecommunications [7.4]			
	Telephone	Yes		
	Facsimile	Yes		
	E-mail	Yes		
	10.9 - Ablution facilities [7.5]			
	Option A (by contractor)	Yes		
	Option B (by employer)	No		
	10.10 - Protection of the works [9.1]			
	10.11 - Protection/isolation of existing/sectionally occupied works [9.2]			
	Protection/isolation is required	No		
	10.12 - Disturbance [9.5]			
	10.13 - Environmental disturbance [9.6]			
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>			
	Any special items to meet the particular circumstances of a specific project are embodied in this section. Where required for an aspect of the works to be executed according to a design by a consulting engineer, a recital of the headings to the individual clauses of the JBCC Engineering General Conditions are included			
71	Black economic empowerment and training F:..... V:..... T:.....		Item	
72	Proprietary branded products F:..... V:..... T:.....		Item	
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	<p>The contractor shall take delivery of, handle, store, use, apply and/or fix all proprietary branded products in strict accordance with the manufacturers' instructions after consultation with the manufacturer's authorised representative</p>			
73	<p>Contract instructions F:..... V:..... T:.....</p> <p>Contract instructions issued on site are to be recorded in triplicate in a contract instruction book which is to be supplied and maintained on site by the contractor</p>	Item		
74	<p>Labour record F:..... V:..... T:.....</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and descriptions of tradesmen and labourers employed by him and all subcontractors on the works each day of that week</p>	Item		
75	<p>Plant record F:..... V:..... T:.....</p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools used on the works each day of that week</p>	Item		
76	<p>Guarantees F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

	Brought Forward		R	
	<p>Where guarantees are called for, the contractor shall obtain a written guarantee, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The guarantee shall state that workmanship, materials and installation are guaranteed for a specified period from the date of certified completion of the contract, and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice from the principal agent to do so. This guarantee will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor. The principal agent shall be the sole judge of the cause responsible for defects in the work and his decision shall be final and binding in terms of clause 40.2 of the agreement</p>			
77	<p>Overtime F:..... V:..... T:.....</p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised, in writing, prior to execution thereof, that costs for such overtime are to be borne by the employer</p>	Item		
78	<p>Co-operation of contractor for cost management F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Brought Forward		R	
<p>It is specifically agreed that the contractor accepts the obligation of assisting the professional consultants in implementing proper cost management.</p> <p>The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget.</p> <p>The quantity surveyor undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedures to be implemented and the contractor will attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures in regard to all subcontractors</p> <p>C10 OCCUPATIONAL HEALTH AND SAFETY ACT</p>			
Carried Forward		R	
<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

79	<p style="text-align: center;">Brought Forward</p> <p>The contractor shall comply with all the requirements set out in the Construction Regulations, 2014 issued under the Occupational Health and Safety Act, 1993 (Act No 85 of 1993)</p> <p>It is required of the contractor to thoroughly study the Health and Safety Specification that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document</p> <p>The contractor must take note that compliance with the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is compulsory. In the event of partial or total non-compliance, the Employer, notwithstanding the provisions of clause A31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance.</p> <p>The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment Provision for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety</p> <p>Specification is made under this clause, as well as the clauses that follow hereafter and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced under these clauses and no additional claims in this regard shall be entertained</p> <p>F:..... V:..... T:.....</p> <p>C10.1 OCCUPATIONAL HEALTH AND SAFETY</p>	Item	R	
	<p style="text-align: center;">Carried Forward</p> <p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>		R	

	Brought Forward		R	
	<p>The contractor shall also comply with the additional requirements with regard to the Corona virus pandemic in terms of all Covid-19 legislation, regulations and guidelines.</p> <p>It is explicitly pointed out that all requirements of the aforementioned are deemed to be priced under this clause and the specific related clauses hereafter and no additional claims in this regard shall be entertained</p>			
80	<p>F:..... V:..... T:.....</p>	Item		
	C10.2 OCCUPATIONAL HEALTH AND SAFETY			
81	<p>Provision of reflective vests F:..... V:..... T:.....</p>	Item		
	C 10.3 OCCUPATIONAL HEALTH AND SAFETY			
82	<p>Principal contractor's initial obligations in respect of the Health and Safety Act, Construction Regulations and Covid-19 regulations, etc F:..... V:..... T:.....</p>	Item		
	C 10.4 OCCUPATIONAL HEALTH AND SAFETY			
83	<p>Principal contractor's time related obligations in respect of the Health and Safety Act, Construction Regulations and Covid-19 regulations, etc F:..... V:..... T:.....</p>	Item		
	C 10.5 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
84	<p>Provision of reflective vests F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	C 10.6 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
85	Provision of hard hats F:..... V:..... T:.....	Item		
	C 10.7 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
86	Provision of protective footwear F:..... V:..... T:.....	Item		
	C 10.8 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
87	Provision of earplugs F:..... V:..... T:.....	Item		
	C 10.9 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
88	Provision of dust masks F:..... V:..... T:.....	Item		
	C 10.10 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
89	Provision of gloves F:..... V:..... T:.....	Item		
	C 10.11 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
90	Provision of high visibility overalls to SARTSM Chapter 13 Level 3 F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

		R	
Brought Forward			
C 10.12 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
91	Provision of SANS approved ear defenders F:..... V:..... T:.....	Item	
C 10.13 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
92	Provision of face masks (Covid -19) F:..... V:..... T:.....	Item	
C 10.14 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
93	Provision of face shields (Covid -19) F:..... V:..... T:.....	Item	
C 10.15 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
94	Provision of gloves (Covid -19) F:..... V:..... T:.....	Item	
C 10.16 PROVISION OF PERSONAL PROTECTIVE EQUIPMENT (PPE)			
95	Provision of hand sanitiser (min 70% alcohol), foot press stands and paper towels (Covid -19) F:..... V:..... T:.....	Item	
C10.17 OCCUPATIONAL HEALTH AND SAFETY			
96	Provision of covered refuse bins and refuse bags and waste (including hazardous) management (Covid -19) F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Brought Forward			R	
C10.18 OCCUPATIONAL HEALTH AND SAFETY				
97	Provision of digital infrared non-contact body thermometer (Covid -19, minimum of two per site entrance) F:..... V:..... T:.....	Item		
C 10.19 OCCUPATIONAL HEALTH AND SAFETY				
98	Provision of perspex screens for office staff (Covid -19, minimum size 600 x 500mm) F:..... V:..... T:.....	Item		
C 10.20 OCCUPATIONAL HEALTH AND SAFETY				
99	Provision of signage, including Covid -19 related signage F:..... V:..... T:.....	Item		
C10.21 OCCUPATIONAL HEALTH AND SAFETY				
100	Provision of full time construction health and safety officer (SACPCMP Registered) F:..... V:..... T:.....	Item		
C10.22 OCCUPATIONAL HEALTH AND SAFETY				
101	Medical certificates and medical surveillance including initial (baseline) medical examinations, periodic examinations, and exit examinations F:..... V:..... T:.....	Item		
C 10.23 OCCUPATIONAL HEALTH AND SAFETY				
102	Medical screenings, examinations, etc in terms of Covid-19 regulations F:..... V:..... T:.....	Item		
Carried Forward			R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities				

[illegible]

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	C11 HIV/AIDS AWARENESS			
107	<p>It is required of the contractor to thoroughly study the HIV/AIDS Specification (PW 1544) of the Department that must be read together with and is deemed to be incorporated under this Section of the bills of quantities / lump sum document.</p> <p>Provision for pricing of HIV/AIDS awareness is made under items C11.1 to C11.5 hereafter and it is explicitly pointed out that all requirements of the aforementioned specification are deemed to be priced hereunder, as the said items represent the only method of measurement and no additional items or extras to the contract in this regard shall be entertained.</p> <p>The contractor must take note that compliance with the HIV/AIDS Specification is compulsory. In the event of partial or total non-compliance, the Employer, notwithstanding the provisions of clause A 31.0 of Section A or any other clause to the contrary, reserves the right to delay issuing any progress payment certificate until the contractor provides satisfactory proof of compliance. The contractor shall not be entitled to any compensation of whatsoever nature, including interest, due to such delay of payment F:..... V:..... T:.....</p>	Item		
	C 11.1 AWARENESS CHAMPAIGN			
108	<p>Selection, appointment, briefing and making available of an Awareness Campaign including provision of all relevant services, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities</p>			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Brought Forward		R	
C 11.2 AWARENESS WORKSHOPS			
109	Selection and appointment of a competent Service Provider approved by the Employer, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
C11.3 POSTERS, BOOKLETS, VIDEOS, ETC.			
110	Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
C 11.4 ACCESS TO CONDOMS			
111	Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
C 11.5 MONITORING			
112	Monitoring HIV/AIDS awareness of workers, providing the Employer with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the construction period and close out, all in accordance with the HIV/AIDS Specification F:..... V:..... T:.....	Item	
Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

	Brought Forward		R	
	<p>The drawings issued with the tender documents do not comprise the complete set but serve as a guide only for tendering purposes and for indicating the scope of the work to enable the tenderer to acquaint himself with the nature and extent of the works and the manner in which they are to be executed.</p> <p>Should any part of the drawings not be clearly understood by the tenderer he shall before submitting his tender, obtain clarification in writing from the principal agent</p>			
113	C12: Contract drawings F:..... V:..... T:.....	Item		
114	C13: General preambles F:..... V:..... T:.....	Item		
	<p>Wherever a trade name form any product has been described in the bills of quantities / lump sum document, The tenderer's attention is drawn to the fact that any other product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date for submission of tenders</p> <p>If prior written approval for an alternative product is not obtained, the product described shall be deemed to have been tendered for.</p>			
115	C14: Trade names F:..... V:..... T:.....	Item		
	SUMMARY OF CATEGORIES			
	Category : Fixed R.....			
	Category : Value R.....			
	Category : Time R.....			
	Carried to Final Summary		R	
	Section No. 1 Bill No. 1 Preliminaries and General Provisional Bills of Quantities			

**New Buildings and Upgrades of External Gravel Road
At Wolkberg Nature Reserve Camp Site**

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO.1</u>			
	<u>ROADS</u>			
	<u>PREAMBLES</u>			
	The contractor is referred to the Model Preambles for Trades (2008 edition) as issued the Association of South African Quantity Surveyors before pricing this bill			
	<u>EARTHWORKS</u>			
	<u>SITE CLEARANCE ETC</u>			
	Site clearance			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	5 000	
	<u>EXCAVATIONS IN STRATA OF A MORE DIFFICULT CHARACTER</u>			
	Extra over bulk excavation in earth for excavation in			
2	Hard rock excavation	m3	7 200	
3	Intermediate rock excavation	m3	3 600	
4	Soft rock excavation	m3	1 200	
	Extra over all excavations for carting away			
5	Extra over all excavations for carting away surplus material from excavations and/or stockpile on site to a dumping site to be located by the Contractor	m3	13 950	Rate Only
	Keeping excavations free of water			
6	Allow for keeping all excavations entirely free from water and mud	Item		
	Carried Forward		R	
	Section No. 2 Bill No. 1 Roads Provisional Bills of Quantities			

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

Brought Forward			R
Compaction of surfaces			
7	Rip and compaction of ground surface including scarifying for a depth of 150mm, breaking down over size material, adding suitable material where necessary and compact to 93% modified AASHTO density	m2	50 000
Earth filling supplied by the contractor			
8	Imported G5 Gravel layer from commercial source in layers of 150mm thick compacted to 95% Mod AASHTO density	m3	15 000
<u>DENSITY TESTS</u>			
9	Prescribed density test on filling and layer work	No	36
Carried to Final Summary			R
Section No. 2 Bill No. 1 Roads Provisional Bills of Quantities			

New Buildings and Upgrades of External Gravel Road At Wolkberg Nature Reserve Camp Site

[illegible]

FINAL SUMMARY

Provisional Bills of Quantities