

Item No	Quantity	Rate	Amount
<u>SECTION 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 abovementioned 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 abovementioned documents</p> <p>Where any item is not relevant to this specific agreement such item is marked N/A (signifying "not applicable")</p>			
Carried Forward		R	
Section No. 1 Bill No. 1 Preliminaries			

		Brought Forward	R	
		<u>PREAMBLES FOR TRADES</u>		
		<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>		
		<u>PRICING OF PRELIMINARIES</u>		
		<p>Should the contractor select Option A in terms of subclause 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>		
		<u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u>		
		<u>Definitions (A1)</u>		
1		Clause 1.0 - Definitions and interpretation		
		<p>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 [1.1]</p>		
		F:..... V:.....		
		T:.....		
		Carried Forward	R	
		Section No. 1		
		Bill No. 1		
		Preliminaries		

Brought Forward		R
<u>Objective and preparation (A2 - A14)</u>		
2	<p>Clause 2.0 - Offer acceptance and performance obligations</p> <p>F:..... V:..... T:.....</p>	Item
3	<p>Clause 3.0 - Documents</p> <p>Provision is made in the summary page of these bills of quantities for the inclusion of Value Added Tax (VAT) [3.5]</p> <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:..... T:.....</p>	Item
4	<p>Clause 4.0 - Design responsibility</p> <p>F:..... V:..... T:.....</p>	Item
5	<p>Clause 5.0 - Employer's agents</p> <p>F:..... V:..... T:.....</p>	Item
6	<p>Clause 6.0 - Contractor's site representative</p> <p>F:..... V:..... T:.....</p>	Item
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

Brought Forward			R
7	<p>Clause 7.0 - Compliance with laws and regulations</p> <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, 2003 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> <p>F:..... V:..... T:.....</p>	Item	
8	<p>Clause 8.0 - Works risk</p> <p>F:..... V:..... T:.....</p>	Item	
9	<p>Clause 9.0 - Indemnities</p> <p>F:..... V:..... T:.....</p>	Item	
10	<p>Clause 10.0 - General insurances</p> <p>F:..... V:..... T:.....</p>	Item	
11	<p>Clause 11.0 - Special insurances</p> <p>F:..... V:..... T:.....</p>	Item	
12	<p>Clause 12.0 - Effecting insurances</p> <p>F:..... V:..... T:.....</p>	Item	
13	<p>Clause 13.0 - Assignment</p> <p>F:..... V:..... T:.....</p>	Item	
Carried Forward			R
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

	Brought Forward		R	
14	<p>Clause 14.0 - Security</p> <p>F:..... V:..... T:.....</p> <p>Execution (A15 - A23)</p>	Item		
15	<p>Clause 15.0 - Preparation for and execution of the works</p> <p>F:..... V:..... T:.....</p>	Item		
16	<p>Clause 16.0 - Site and access</p> <p>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]</p> <p>F:..... V:..... T:.....</p>	Item		
17	<p>Clause 17.0 - Contract instructions</p> <p>F:..... V:..... T:.....</p>	Item		
18	<p>Clause 18.0 -Setting out of the works</p> <p>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]</p> <p>F:..... V:..... T:.....</p>	Item		
19	<p>Clause 19.0 - Temporary works and plant</p> <p>Clause 19.1.1 - Enclosure of the works</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries</p>			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward			R	
20	<p>Clause 19.1.2 - Office accommodation - provide suitable office accommodation for site meetings with tables and chairs for ten people</p> <p>F:..... V:..... T:.....</p>	Item			
21	<p>Clause 20.0 - Nominated subcontractors</p> <p>Refer to the provisions on general attendance hereinafter</p> <p>F:..... V:..... T:.....</p>	Item			
22	<p>Clause 21.0 - Selected subcontractors</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item			
23	<p>Clause 22.0 - Employer's direct contractors</p> <p>F:..... V:..... T:.....</p>	Item			
24	<p>Clause 23.0 - Contractor's domestic subcontractors</p> <p>F:..... V:..... T:.....</p> <p><u>Completion (A24 - A30)</u></p>	Item			
25	<p>Clause 24.0 - Practical completion</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried Forward			R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>				

	Brought Forward			R	
26	<p>Clause 25.0 - Works completion</p> <p>F:..... V:..... T:.....</p>	Item			
27	<p>Clause 26.0 - Final completion</p> <p>F:..... V:..... T:.....</p>	Item			
28	<p>Clause 27.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>	Item			
29	<p>Clause 28.0 - Sectional completion</p> <p>F:..... V:..... T:.....</p>	Item			
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:..... T:.....</p>	Item			
31	<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:..... T:.....</p> <p><u>Payment (A31 - A35)</u></p>	Item			
32	<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:..... T:.....</p>	Item			
	Carried Forward			R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>				

	Brought Forward		R	
33	<p>Clause 32.0 - Adjustment to the contract value - NOT APPLICABLE</p> <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]</p> <p>F:..... V:..... T:.....</p>			
		N/A		
34	<p>Clause 33.0 - Recovery of expense and loss</p> <p>F:..... V:..... T:.....</p>	Item		
35	<p>Clause 34.0 - Final account and final payment</p> <p>F:..... V:..... T:.....</p>	Item		
36	<p>Clause 35.0 - Payment to other parties</p> <p>F:..... V:..... T:.....</p> <p>Termination (A36 - A39)</p>	Item		
37	<p>Clause 36.0 - Termination by employer - contractor's default</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

	Brought Forward		R	
38	<p>Clause 37.0 - Termination by employer - loss and damage</p> <p>F:..... V:..... T:.....</p>	Item		
39	<p>Clause 38.0 - Termination by contractor - employer's default</p> <p>F:..... V:..... T:.....</p>	Item		
40	<p>Clause 39.0 - Termination - cessation of the works</p> <p>F:..... V:..... T:.....</p> <p><u>Dispute (A40)</u></p>	Item		
41	<p>Clause 40.0 - Settlement of disputes</p> <p>F:..... V:..... T:.....</p> <p><u>Contract variables (A41 - A42)</u></p>	Item		
42	<p>Clause 41.0 - Post tender provisions</p> <p>The contractor is to complete and submit with his tender the JBCC Principal Building Agreement Contract Data CE</p> <p>F:..... V:..... T:.....</p>	Item		
43	<p>Clause 42.0 - Contractual agreement</p> <p>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</p> <p>F:..... V:..... T:.....</p> <p><u>SECTION B: ASAQS (NOVEMBER 2007 EDITION) PRELIMINARIES</u></p>	Item		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

	Brought Forward		R	
	<u>Definitions and interpretation (B1)</u>			
44	Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....	Item		
	<u>Documents (B2)</u>			
45	Clause 2.1 - Checking of documents F:..... V:..... T:.....	Item		
46	Clause 2.2 - Provisional bills of quantities F:..... V:..... T:.....	Item		
47	Clause 2.3 - Availability of construction documentation 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		
	<u>Previous work and adjoining properties (B3)</u>			
48	Clause 3.1 - Previous work - dimensional accuracy F:..... V:..... T:.....	Item		
49	Clause 3.2 - Previous work - defects F:..... V:..... T:.....	Item		
50	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 Preliminaries			

	Brought Forward			R	
	<u>Samples, shop drawings and manufacturer's instructions (B4)</u>				
51	Clause 4.1 - Samples of materials F:..... V:..... T:.....	Item			
52	Clause 4.2 - Workmanship samples F:..... V:..... T:.....	Item			
53	Clause 4.3 - Shop drawings F:..... V:..... T:.....	Item			
54	Clause 4.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....	Item			
	<u>Deposits and fees (B5)</u>				
55	Clause 5.1 - Deposits and fees F:..... V:..... T:.....	Item			
	<u>Temporary services (B6)</u>				
56	Clause 6.1 - Water F:..... V:..... T:.....	Item			
57	Clause 6.2 - Electricity F:..... V:..... T:.....	Item			
58	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item			
	Carried Forward			R	
	Section No. 1 Bill No. 1 Preliminaries				

	Brought Forward		R
59	Clause 6.4 - Ablution facilities F:..... V:..... T:..... <u>Prime cost amounts (B7)</u>	Item	
60	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:..... <u>Special attendance on n/s subcontractors (B8)</u>	Item	
61	Clause 8.1 - Special attendance F:..... V:..... T:..... <u>General (B9)</u>	Item	
62	Clause 9.1 - Protection of the works F:..... V:..... T:.....	Item	
63	Clause 9.2 - Protection/isolation of existing/ occupied works 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		

	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	Caluse 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 No 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]		
	Carried Forward	R
Section No. 1 Bill No. 1 Preliminaries		

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Brought Forward		R	
10.6 - Water [7.2]			
Option A (by contractor)	Yes		
Option B (by employer - free of charge)	No		
Option C (by employer - metered)	No		
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]			
Carried Forward		R	
Section No. 1			
Bill No. 1			
Preliminaries			

Brought Forward		R
<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
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		
73	Contract instructions F:..... V:..... T:.....	Item
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		
74	Labour record F:..... V:..... T:.....	Item
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		
Carried Forward		R
Section No. 1 Bill No. 1 Preliminaries		

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward		R	
75	<p>Plant record</p> <p>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</p> <p>F:..... V:..... T:.....</p> <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>	Item		
77	<p>Overtime</p> <p>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		
	Carried Forward		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

Brought Forward		R
78	<p>Co-operation of contractor for cost management</p> <p>F:..... V:..... T:.....</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the professional consultants in implementing proper cost management. 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. 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>	Item
79	<p>Occupational Health and Safety Specification</p> <p>F:..... V:..... T:.....</p>	Item
Carried Forward		R
<p>Section No. 1 Bill No. 1 Preliminaries</p>		

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward			R
	<p>The contractor shall comply with all the requirements set out in the Construction Regulations 2003 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 principal agent, 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. The contractor shall not be entitled to any compensation of whatsoever nature, including extension of time or interest, due to such delay of payment.</p> <p>Provisions for pricing of the Occupational Health and Safety Act, Construction Regulations and Health and Safety Specification is made under this clause and it is explicitly pointed out that all requirements of the aforementioned are deemed to be priced hereunder and no additional claims in this regard shall be entertained.</p>			
80	<p>Allow for the compulsory equipment and clothing, ie hats, safety shoes, safety clothing, safety glasses, safety masks, harnesses, etc</p> <p>F:..... V:..... T:.....</p>	Item		
81	<p>Allow for all compulsory health and safety posters, boards, etc</p> <p>F:..... V:..... T:.....</p>	Item		
	Carried Forward			R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Brought Forward				R
82	Allow for all compulsory health and safety workshops, meetings, lectures, demonstrations, etc F:..... V:..... T:.....	Item		
83	Allow for all compulsory health and safety pamphlets, cards, paperwork, etc to each worker, consultant, public individual, etc coming onto the site F:..... V:..... T:.....	Item		
84	Allow for compulsory health and safety files that must be completed daily and must be handed to the employer on completion of the contract F:..... V:..... T:.....	Item		
85	Scope of Application as per Act No 85 of 1993 F:..... V:..... T:.....	Item		
86	Notification of Construction Work as per Act No 85 of 1993 F:..... V:..... T:.....	Item		
87	Employer's responsibilities as per Act No 85 of 1993 F:..... V:..... T:.....	Item		
Carried Forward				R
Section No. 1 Bill No. 1 Preliminaries				

REFURBISHMENT OF CLASSROOM BLOCK QOKISO SECONDARY SCHOOL

Brought Forward			R
88	Principal Contractor's responsibility as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
89	Supervision of construction work as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
90	Risk assessment as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
91	Fall protection as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
92	Structures Formwork and Support as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
93	Excavation as per Act No 85 of 1993 F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 Preliminaries			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Brought Forward				R	
94	Demolotion work as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
95	Tunnelling as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
96	Scaffolding as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
97	Suspended platforms as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
98	Botswains chairs as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
99	Materials hoists as per Act No 85 of 1993 F:..... V:..... T:.....				
		Item			
Carried Forward				R	
Section No. 1 Bill No. 1 Preliminaries					

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward			R	
100	Batch plant as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
101	Explosive powered tools as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
102	Cranes as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
103	Construction vehicles and mobile plant as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
104	Electrical installations and machinery on construction sites as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
105	Use and temporary storage of flammable liquids on construction sites as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
	Carried Forward			R	
	Section No. 1 Bill No. 1 Preliminaries				

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward			R	
106	Water environments as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
107	Housekeeping on construction sites as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
108	Stacking and storage on construction sites as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
109	Fire precautions as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
110	Construction welfare as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
111	Approved inspection Authorities as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
	Carried Forward			R	
	Section No. 1				
	Bill No. 1				
	Preliminaries				

	Brought Forward			R	
112	Offences and penalties as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
113	Repeal of regulations as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
114	Short title as per Act No 85 of 1993				
	F:..... V:..... T:.....				
		Item			
115	Obligatory Sub-contracting and Training				
	F:..... V:..... T:.....				
		Item			
116	C11.1 Local and targeted labour				
	F:..... V:..... T:.....				
		Item			
117	Allow for regular submission of proof of employment of local skilled and unskilled labour to Employer's representative				
	F:..... V:..... T:.....				
		Item			
	Carried Forward			R	
	Section No. 1 Bill No. 1 Preliminaries				

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward		R
118	<p>Training allowance paid to targeted labour in respect of formal training.</p> <p>F:..... V:..... T:.....</p>	Item	
119	<p>Extra over for the administration of payment of training allowances to targeted labour</p> <p>F:..... V:..... T:.....</p>	Item	
120	<p>Transport and accommodation of workers for training where it is not possible to undertake the training in close proximity to the site</p> <p>F:..... V:..... T:.....</p>	Item	
121	<p>C12: Contract drawings</p> <p>F:..... V:..... T:.....</p> <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>	Item	
122	<p>C13: General preambles</p> <p>F:..... V:..... T:.....</p>	Item	
	Carried Forward		R
	<p>Section No. 1 Bill No. 1 Preliminaries</p>		

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

	Brought Forward			R	
123	<p>C14: Trade names</p> <p>F:..... V:..... T:.....</p> <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>	Item			
124	<p>C16: SANS 1921-6: HIV/AIDS Awareness read in conjunction with the Associated Specification Data</p> <p>F:..... V:..... T:.....</p>	Item			
125	<p>General requirements (Clause 4.1)</p> <p>F:..... V:..... T:.....</p>	Item			
126	<p>HIV/AIDS awareness programme (Clause 4.2)</p> <p>F:..... V:..... T:.....</p>	Item			
127	<p>Reporting (Clause 4.3)</p> <p>F:..... V:..... T:.....</p>	Item			
	Carried Forward			R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>				

Brought Forward

R

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

Carried to Final Summary

R

Section No. 1
Bill No. 1
Preliminaries

Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BILL NO. 1</u>			
<u>ALTERATIONS TO EXISTING BUILDINGS (PROVISIONAL)</u>			
Notes:			
1. The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities			
2. No claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted			
<u>(CPAP WORK GROUP NO.102) unless otherwise stated</u>			
<u>TEMPORARY BARRIERS, SCREENS, ETC</u>			
<u>Temporary barriers, screens, etc including removal</u>			
1	Allowance for all necessary temporary tarpaulins, barricades, screens, fencing, temporary waterproofing, dust proofing, etc required to isolate any sections of new or existing buildings for the purposes of excluding users of the remainder of the building or any authorised persons all to the satisfaction of the Principal Agent (or as required by the Contractor in terms of the recommended phasing of the works)	Item	
<u>REMOVAL OF EXISTING WORK</u>			
<u>Take down IBR roof sheeting and cart off site:</u>			
2	Carefully remove and take off site damaged IBR roof sheets	m2	448
Carried Forward			R
Section No. 2 Bill No. 1 Alterations			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Brought Forward			R
<u>Take down and removing doors, windows, etc. including thresholds, cills, etc:</u>			
3	Timber single door and frame exceeding 2.5m2	No	5
<u>Hacking up/off and removing granolithic, screeds, plaster, from concrete or brickwork and preparing surfaces for new screed, plaster, floor finish, etc</u>			
4	25mm Screed from floors	m2	326
5	Internal plaster from walls and columns	m2	244
<u>SERVICING OF WINDOWS, DOORS, PLUMBING ETC.</u>			
<u>Clean out rebates of existing steel windows and prepare new putty:</u>			
6	Replace putty	m	109
<u>Attend to, service, re-align and repair as necessary all steel windows including replacing any defective or missing parts:</u>			
7	Window size 970 x 1410 mm high overall	No	42
<u>CARPENTRY & JOINERY</u>			
<u>Replace sawn softwood grade S5, including taking out old and removing from site</u>			
8	50 x 76mm Purlin	m	139
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 1			
Alterations			

Item No		Quantity	Rate	Amount
<u>SECTION NO.2</u>				
<u>BILL NO. 2</u>				
<u>ROOF COVERINGS ETC (PROVISIONAL)</u>				
<u>(CPAP FORMULA WORK GROUP NO. 124)</u>				
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 124 for CPAP formula purposes				
<u>PROFILED METAL SHEETING AND ACCESSORIES</u>				
<u>0,58mm "Corrugated" spelter galvanised sheeting with "globalcoat" finish on one side in single lengths fixed to timber purlins and 0,58mm galvanised sheet steel accessories</u>				
1	Roof covering with pitch not exceeding 25 degrees (measured on flat)	m2	448	
2	Plain ridge capping	m	46	
<u>ROOF AND WALL INSULATION</u>				
<u>"Sisalation 420" or equal and approved light duty grade aluminium foil</u>				
3	Insulation laid taut over rafters (at approximately 1 200mm centres) and fixed concurrent with battens, purlins, etc	m2	448	
Carried Forward to Summary of Section No. 2				
Section No. 2 Bill No. 2 Roof Coverings, etc				

Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BILL NO. 3</u>			
<u>CARPENTRY AND JOINERY</u>			
<u>(PROVISIONAL)</u>			
<u>(CPAP FORMULA WORK GROUP NO. 126)</u>			
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No.126 for CPAP formula purposes			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Particle board:</u>			
Particle board shall comply with the following specifications:			
a) SABS 1300 Particle board: exterior and flooring type			
b) SABS 1301 Particle board: interior type			
<u>Joinery:</u>			
Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc			
Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete			
<u>Decorative laminate finish:</u>			
Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish			
Carried Forward			R
Section No. 2 Bill No. 3 Carpentry and Joinery			

[illegible]

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>SECTION NO.2</u>			
	<u>BILL NO. 4</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u>			
	<u>(CPAP FORMULA WORK GROUP NO. 129)</u>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 129 for CPAP formula purposes			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Descriptions:</u>			
	Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete			
	Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere			
	<u>NAILED UP CEILINGS</u>			
	<u>6.4 mm "Rhino" gypsum plasterboard or equal approved ceilings with H-type pressed steel jointing strips</u>			
1	Ceilings nailed to 38 x 38mm sawn softwood brander at 400mm centres generally in both direction at joints and edges of boards	m2	326	
2	Extra over ceiling for 650 x 650mm trap door of 38 x 50mm wrought softwood rebated framing with one 38 x 50mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	5	
	<u>"Rhino" or other equal approved gypsum plasterboard cornices</u>			
3	75mm Coved cornices	m	148	
	Carried Forward			
	Section No. 2 Bill No. 4 Ceilings, Partitions and Access Flooring		R	

Brought Forward				R
<u>INSULATION</u>				
<u>"Aerolite" or other equal and approved insulation</u>				
4	40mm Insulation closely fitted and laid on top of brandering between roof timbers, etc	m2	326	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
Bill No. 4				
Ceilings, Partitions and Access Flooring				

REFURBISHMENT OF CLASSROOM BLOCK QOKISO SECONDARY SCHOOL

[illegible]

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Item No		Quantity	Rate	Amount
	<u>SECTION NO.2</u>			
	<u>BILL NO. 6</u>			
	<u>IRONMONGERY (PROVISIONAL)</u>			
	<u>(CPAP FORMULA WORK GROUP NO. 132)</u>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 132 for CPAP formula purposes			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Finishes to ironmongery</u>			
	Where applicable finishes to ironmongery are indicated by suffixes in accordance with the following list: BS Satin bronze lacquered CH Chromium plated SC Satin chromium plated SE Silver enamelled GE Grey enamelled AS Anodised silver AB Anodised bronze AG Anodised gold ABL Anodised black PB Polished brass PL Polished and lacquered PT Epoxy coated SD Sanded NP Nickle plated			
	<u>HINGES, BOLTS, ETC.</u>			
	<u>'Union' or similar approved hinges:</u>			
1	100mm Brass butt hinge	Pairs	5.0	
	<u>LOCKS</u>			
	<u>'Union' or similar approved:</u>			
2	Union three lever lockset and handles with chrome plated finish	No	5	
	Carried Forward		R	
	Section No. 2 Bill No. 6 Ironmongery			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

		Brought Forward			R
<u>SUNDRIES</u>					
<u>"Union" or similar approved:</u>					
3	Floor mounted door stop	No	5		
<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</u>					
<u>"Vitrex" vitreous enamelled writing boards, etc to SABS CSK-36-1980</u>					
4	Green writing board 4 800 x 1 220mm high consisting of two fixed panels each 2 400 x 1 220mm high complete with aluminium chalk rail, etc, plugged	No	5		
<u>"Parrot products"</u>					
5	"BD0476" 2 400 x 1 200mm Aluminium framed carpet bulletin board	No	5		
Carried Forward to Summary of Section No. 2					
Section No. 2					R
Bill No. 6					
Ironmongery					

[illegible]

[illegible]

REFURBISHMENT OF CLASSROOM BLOCK QOKISO SECONDARY SCHOOL

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BILL NO. 10</u>			
	<u>PAINTWORK (PROVISIONAL)</u>			
	<u>(CPAP FORMULA WORK GROUP NO. 152)</u>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 152 for CPAP formula purposes			
	<u>PAINTWORK, ETC. TO NEW WORK</u>			
	<u>ON PLASTERBOARD</u>			
	<u>One coat primer and two coats interior quality PVA emulsion paint</u>			
1	On ceilings and cornices	m2	326	
	<u>ON FIBRE-CEMENT</u>			
2	On fascias and barge boards	m2	26	
	<u>ON METAL</u>			
	<u>Spot priming defects in pre primed surfaces with zinc chromate primer and applying one undercoat and two coat high gloss enamel paint on steel</u>			
3	On door frames	m2	15	
	<u>ON WOOD</u>			
	<u>Three coats polyurethane semi-gloss varnish</u>			
4	On doors	m2	19	
	<u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED SURFACES</u>			
	Carried Forward		R	
	Section No. 2 Bill No. 10 Paintwork			

Brought Forward			R
<u>ON FLOATED PLASTER</u>			
<u>Prepare and repair as specified, brush to remove all loose contaminants, rinse and apply suitable bonding liquid one coat approved alkali resistant primer to bare substrate areas and two coats eggshell enamel paint to existing painted surfaces:</u>			
5	On internal walls	m2	244
6	On external walls	m2	269
<p>Carried Forward to Summary of Section No. 2</p> <p>Section No. 2 Bill No. 10 Paintwork</p>			R

REFURBISHMENT OF CLASSROOM BLOCK QOKISO SECONDARY SCHOOL

Bill No	SECTION SUMMARY - Builders Work	Page No	Amount
1	Alterations	29	
2	Roof Coverings, etc	30	
3	Carpentry and Joinery	32	
4	Ceilings, Partitions and Access Flooring	34	
5	Floor Coverings,Partitions and Access Flooring	35	
6	Ironmongery	37	
7	Metalwork	38	
8	Plastering	39	
9	Glazing	40	
10	Paintwork	42	
Carried to Final Summary			R
Section No. 2			

**REFURBISHMENT OF CLASSROOM BLOCK
QOKISO SECONDARY SCHOOL**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Preliminaries	27	
2	Builders Work	43	
	<u>ELECTRICAL REPAIRS TO EXISTING INFRASTRUCTURE</u>		
	Allow the Provisional Sum of R 320 788.80 (Three Hundred Twenty Thousand Seven Hundred Eighty-Eight Rands and Eighty Cents NET) for the electrical maintenance	Item	
	<u>PEST CONTROL</u>		
	Allow the Provisional Sum of R 30 000.00 (Thirty Thousand Rand NET) for the pest control of termites	Item	
	SUBTOTAL		R
	Add value added tax @ 15%		R
	Carried to Form of Tender		R