

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>SECTION 1</u></b>			
	<b><u>BILL NO. 1</u></b>			
	<b><u>PRELIMINARIES</u></b>			
	<b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b>			
	<p>The <b>JBCC</b> 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 <b>JBCC</b> Principal Building Agreement <b>Contract Data</b> EC and the <b>JBCC</b> Principal Building Agreement <b>Contract Data</b> CE form an integral part of this <b>agreement</b></p> <p>The ASAQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said <b>JBCC</b> Principal Building Agreement shall be deemed to be incorporated in these <b>bills of quantities</b></p> <p><b>Contractors</b> 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 <b>agreement</b> 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 <b>agreement</b> such item is marked N/A (signifying "not applicable")</p>			
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 Preliminaries			

## Brought Forward

R

## PREAMBLES FOR TRADES

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

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

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

## PRICING OF PRELIMINARIES

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)

## **SECTION A: PRINCIPAL BUILDING AGREEMENT**

### Definitions (A1)

1 | Clause 1.0 - Definitions and interpretation

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]

F: ..... V: .....  
T: .....

Item

**Carried Forward**

R

Section No. 1  
Bill No. 1  
Preliminaries

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

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>			R
7	<p>Clause 7.0 - Compliance with <b>laws</b> and regulations</p> <p>Without limiting the generality of the provisions of clause 7.0, the <b>contractor's</b> 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 <b>employer</b> shall prepare a documented health and safety specification for the <b>works</b> and that the <b>employer</b> shall ensure that the <b>contractor</b> has made provision for the cost of health and safety measures during the execution of the <b>works</b>. The <b>contractor</b> 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 - <b>Works</b> 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	
<b>Carried Forward</b>			R
Section No. 1 Bill No. 1 Preliminaries			

	<b>Brought Forward</b>		R	
14	<p>Clause 14.0 - Security</p> <p>F:..... V:..... T:.....</p> <p><b><u>Execution (A15 - A23)</u></b></p>	Item		
15	<p>Clause 15.0 - Preparation for and execution of the <b>works</b></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 <b>works</b> 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 - <b>Contract instructions</b></p> <p>F:..... V:..... T:.....</p>	Item		
18	<p>Clause 18.0 -Setting out of the <b>works</b></p> <p>The <b>contractor</b> shall notify the <b>principal agent</b> 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		
	<b>Carried Forward</b>		R	
	<p>Section No. 1</p> <p>Bill No. 1</p> <p>Preliminaries</p>			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

	<b>Brought Forward</b>		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 - <b>Nominated subcontractors</b></p> <p>Refer to the provisions on general attendance hereinafter</p> <p>F:..... V:..... T:.....</p>	Item		
22	<p>Clause 21.0 - <b>Selected subcontractors</b></p> <p>General attendance of <b>n/s subcontractors</b> for pricing by the <b>contractor</b> shall be in accordance with the <b>n/s agreement</b>. Notwithstanding this provision, general attendance shall be deemed to include for the <b>contractor</b> to provide free of charge to any <b>n/s subcontractor</b> such scaffolding as may reasonably be required by such <b>n/s subcontractor</b> for the execution of the relevant subcontract work</p> <p>F:..... V:..... T:.....</p>	Item		
23	<p>Clause 22.0 - <b>Employer's direct contractors</b></p> <p>F:..... V:..... T:.....</p>	Item		
24	<p>Clause 23.0 - <b>Contractor's</b> domestic subcontractors</p> <p>F:..... V:..... T:.....</p> <p><b><u>Completion (A24 - A30)</u></b></p>	Item		
25	<p>Clause 24.0 - <b>Practical completion</b></p> <p>F:..... V:..... T:.....</p>	Item		
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

	<b>Brought Forward</b>		R	
26	<p>Clause 25.0 - <b>Works completion</b></p> <p>F:..... V:..... T:.....</p>	Item		
27	<p>Clause 26.0 - <b>Final completion</b></p> <p>F:..... V:..... T:.....</p>	Item		
28	<p>Clause 27.0 - <b>Latent defects</b> 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 <b>practical completion</b></p> <p>The removal and replacement of materials and/or workmanship which do not conform to the specification or the <b>contract drawings</b> shall not constitute grounds for the extension of the <b>construction period</b> nor for the adjustment of the <b>contract value</b> (Clause 29.3)</p> <p>F:..... V:..... T:.....</p>	Item		
31	<p>Clause 30.0 - <b>Penalty</b> 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><b><u>Payment (A31 - A35)</u></b></p>	Item		
32	<p>Clause 31.0 - Interim payment</p> <p><b>Materials and goods</b> stored off <b>site</b> shall not be included in the amount authorised for payment [31.6.5]</p> <p>F:..... V:..... T:.....</p>	Item		
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			

	<b>Brought Forward</b>		R	
33	<p>Clause 32.0 - Adjustment to the <b>contract value - NOT APPLICABLE</b></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 <b>contractor</b> [32.13]</p> <p>Where prices are submitted by the <b>contractor</b> or <b>n/s subcontractor</b> during the progress of the <b>works</b> in respect of <b>contract instructions</b> or in regard to a claim under the terms of the <b>agreement</b> and notwithstanding the fact that such prices may be used in an interim <b>payment certificate</b> there is to be no presumption of acceptance. Should the <b>principal agent</b> wish to accept any such prices prior to the issue of the <b>certificate of final completion</b>, it shall be in writing</p> <p>The <b>contractor</b> 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 - <b>Final account</b> 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><b>Termination (A36 - A39)</b></p>	Item		
37	<p>Clause 36.0 - Termination by <b>employer - contractor's</b> default</p> <p>F:..... V:..... T:.....</p>	Item		
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			



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

	<b>Brought Forward</b>		R	
	<b><u>Definitions and interpretation (B1)</u></b>			
44	Clause 1.0 - Definitions and interpretation  F:..... V:..... T:.....	Item		
	<b><u>Documents (B2)</u></b>			
45	Clause 2.1 - Checking of documents  F:..... V:..... T:.....	Item		
46	Clause 2.2 - Provisional <b>bills of quantities</b>  F:..... V:..... T:.....	Item		
47	Clause 2.3 - Availability of construction documentation  The <b>budgetary allowances</b> and selected subcontract amounts allocated for subsequent trades included in this <b>agreement</b> will be separately procured, based on multiple procurement of selected subcontractors during the <b>construction period</b>  F:..... V:..... T:.....	Item		
	<b><u>Previous work and adjoining properties (B3)</u></b>			
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		
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 Preliminaries			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

	<b>Brought Forward</b>		R	
	<b><u>Samples, shop drawings and manufacturer's instructions (B4)</u></b>			
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		
	<b><u>Deposits and fees (B5)</u></b>			
55	Clause 5.1 - Deposits and fees  F:..... V:..... T:.....	Item		
	<b><u>Temporary services (B6)</u></b>			
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		
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 Preliminaries			

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

	<b>Brought Forward</b>		R
66	Clause 9.5 - Disturbance F:..... V:..... T:.....	Item	
67	Clause 9.6 - Environmental disturbance F:..... V:..... T:.....	Item	
68	Clause 9.7 - <b>Works</b> 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	
<b>Schedule of variables (B10)</b>			
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 <b>bills of quantities</b> [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]			
	<b>Carried Forward</b>		R
Section No. 1 Bill No. 1 Preliminaries			

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

Brought Forward		R
10.6 - Water [7.2] <div> Option A (by <b>contractor</b>) Yes Option B (by <b>employer</b> - free of charge) No Option C (by <b>employer</b> - metered) No </div>		
10.7 - Electricity [7.3] <div> Option A (by <b>contractor</b>) Yes Option B (by <b>employer</b> - free of charge) No Option C (by <b>employer</b> - metered) No </div>		
10.8 - Telecommunications [7.4] <div> Telephone Yes Facsimile Yes E-mail Yes </div>		
10.9 - Ablution facilities [7.5] <div> Option A (by <b>contractor</b>) Yes Option B (by <b>employer</b>) No </div>		
10.10 - Protection of the <b>works</b> [9.1]		
10.11 - Protection/isolation of existing/sectionally occupied <b>works</b> [9.2] <div> Protection/isolation is required No </div>		
10.12 - Disturbance [9.5]		
10.13 - Environmental disturbance [9.6]		
Carried Forward		R
Section No. 1 Bill No. 1 Preliminaries		

<b>Brought Forward</b>		R	
<b><u>SECTION C: SPECIFIC PRELIMINARIES</u></b>			
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			
<b>Carried Forward</b>		R	
Section No. 1 Bill No. 1 Preliminaries			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

	<b>Brought Forward</b>		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		
	<b>Carried Forward</b>		R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>			



	<b>Brought Forward</b>		R	
78	Co-operation of contractor for cost management  F:..... V:..... T:.....  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	Item		
79	Occupational Health and Safety Specification  F:..... V:..... T:.....	Item		
	<b>Carried Forward</b>		R	
	Section No. 1 Bill No. 1 Preliminaries			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>		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	
<b>Carried Forward</b>		R	
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>				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		
<b>Carried Forward</b>				R
Section No. 1 Bill No. 1 Preliminaries				

	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			

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			

		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					

	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			

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

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



**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>			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	
<b>Carried Forward</b>			R
<p>Section No. 1 Bill No. 1 Preliminaries</p>			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

	<b>Brought Forward</b>			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			
	<b>Carried Forward</b>			R	
	<p>Section No. 1 Bill No. 1 Preliminaries</p>				

## Brought Forward

## SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

R

**Carried to Final Summary**

Section No. 1  
Bill No. 1  
Preliminaries

R

Item No	Quantity	Rate	Amount
<b><u>SECTION NO.2</u></b>			
<b><u>BILL NO. 1</u></b>			
<b><u>ALTERATIONS TO EXISTING BUILDINGS</u></b> <b><u>(PROVISIONAL)</u></b>			
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			
<b><u>(CPAP WORK GROUP NO.102) unless otherwise stated</u></b>			
<b><u>TEMPORARY BARRIERS, SCREENS, ETC</u></b>			
<b><u>Temporary barriers, screens, etc including removal</u></b>			
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		
<b><u>REMOVAL OF EXISTING WORK</u></b>			
<b><u>Take down and removing doors, windows, etc. including thresholds, cills, etc:</u></b>			
2	No	Timber single door and frame exceeding 2.5m2	19
3	No	Timber double door and frame exceeding 2.5m2 and not exceeding 5m2	9
<b>Carried Forward</b>			R
Section No. 2 Bill No. 1 Alterations			

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>			R
<b><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></b>			
4	Gypsum plasterboard ceilings (branders left in position)	m2	658
<b><u>Taking up and removing vinyl floor coverings, carpeting, etc:</u></b>			
5	Vinyl tile floor covering including preparing screed for new carpet, vinyl sheeting or tile etc. (new floor finish elsewhere)	m2	658
<b><u>MAKING GOOD OF FINISHES, ETC.</u></b>			
<b><u>Making good to plaster:</u></b>			
6	On walls in patches including hacking off and removing existing plaster	m2	186
<b><u>SERVICING OF WINDOWS, DOORS, PLUMBING ETC.</u></b>			
<b><u>Clean out rebates of existing steel windows and prepare new putty:</u></b>			
7	Replace putty	m	747
<b><u>Attend to, service, re-align and repair as necessary all timber sash windows including replacing any defective or missing parts:</u></b>			
8	Window size 1200 x 500 mm high overall	No	21
9	Window size 1500 x 600 mm high overall	No	16
10	Window size 1070 x 1570 mm high overall	No	42
11	Window size 1250 x 1400 mm high overall	No	28
12	Window size 1600 x 1400 mm high overall	No	8
13	Window size 1370 x 2470 mm high overall	No	14
14	Window size 3000 x 1600mm high overall	No	9
<b>Carried Forward</b>			R
Section No. 2 Bill No. 1 Alterations			

Brought Forward				R
<b><u>SERVICING AND REPAIRS TO EXISTING ROOFS</u></b>				
<b><u>Service and make good existing roof coverings:</u></b>				
15	Service and make good the existing roof coverings including refixing roof sheets with new galvanised screws, patching all roof leaks, and leave roof in fully functional state for end user	m2	2 107	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
Bill No. 1				
Alterations				



**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

<b>Brought Forward</b>				R
<b><u>DOORS ETC</u></b>				
<b><u>Wrought meranti doors hung to timber frames</u></b>				
1	44mm Framed, ledged and braced door 900 x 2032mm high with 25 x 110mm top rail, middle ledge, braces and 25 x 150mm bottom rail filled in with tounge and groove boarding V-jointed on one side	No	19	
2	44mm Framed, ledged and braced door 1511 x 2032mm high with 25 x 110mm top rail, middle ledge, braces and 25 x 150mm bottom rail filled in with tounge and groove boarding V-jointed on one side	No	5	
3	44mm Framed, ledged and braced door 1600 x 2032mm high with 25 x 110mm top rail, middle ledge, braces and 25 x 150mm bottom rail filled in with tounge and groove boarding V-jointed on one side	No	4	
<b><u>FRAMED FRAMES, ETC.</u></b>				
<b><u>Wrought meranti:</u></b>				
4	69 x 94mm Rebated and angle rounded frame for 813 x 2032mm high door	No	19	
5	69 x 94mm Rebated and angle rounded frame for 1511 x 2032mm high door	No	5	
6	44 x 69mm Rebated and angle rounded frame for 1613 x 2032mm high door	No	4	
<b>Carried Forward to Summary of Section No. 2</b>				R
Section No. 2				
Bill No. 2				
Carpentry and Joinery				



**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 3</u></b>			
	<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u></b>			
	<b><u>(CPAP FORMULA WORK GROUP NO. 129)</u></b>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 129 for CPAP formula purposes			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Descriptions:</u></b>			
	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			
	<b><u>NAILED UP CEILINGS</u></b>			
	<b><u>6.4 mm "Rhino" gypsum plasterboard or equal approved ceilings with H-type pressed steel jointing strips</u></b>			
1	Ceilings nailed to 38 x 38mm sawn softwood brander at 400mm centres generally in both direction at joints and edges of boards	m2	658	
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	9	
	<b><u>"Rhino" or other equal approved gypsum plasterboard cornices</u></b>			
3	75mm Coved cornices	m	349	
	<b>Carried Forward</b>			
	Section No. 2 Bill No. 3 Ceilings, Partitions and Access Flooring		R	

Brought Forward				R
<b><u>INSULATION</u></b>				
<b><u>"Aerolite" or other equal and approved insulation</u></b>				
4	40mm Insulation closely fitted and laid on top of brandering between roof timbers, etc	m2	658	
<b>Carried Forward to Summary of Section No. 2</b>				R
Section No. 2				
Bill No. 3				
Ceilings, Partitions and Access Flooring				

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

[illegible]

**REFURBISHMENT OF CLASSROOMS  
UTHAKA SECONDARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO.2</u></b>			
	<b><u>BILL NO. 5</u></b>			
	<b><u>IRONMONGERY (PROVISIONAL)</u></b>			
	<b><u>(CPAP FORMULA WORK GROUP NO. 132)</u></b>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 132 for CPAP formula purposes			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Finishes to ironmongery</u></b>			
	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			
	<b><u>HINGES, BOLTS, ETC.</u></b>			
	<b><u>'Union' or similar approved hinges:</u></b>			
1	100mm Brass butt hinge	Pairs	37.0	
	<b><u>LOCKS</u></b>			
	<b><u>'Union' or similar approved:</u></b>			
2	Union three lever lockset and handles with chrome plated finish	No	28	
	<b>Carried Forward</b>		R	
	Section No. 2 Bill No. 5 Ironmongery			

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

[illegible]

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

[illegible]

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

[illegible]

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

Item No		Quantity	Rate	Amount
	<b><u>SECTION NO. 2</u></b>			
	<b><u>BILL NO. 8</u></b>			
	<b><u>PAINTWORK (PROVISIONAL)</u></b>			
	<b><u>(CPAP FORMULA WORK GROUP NO. 152)</u></b>			
	NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 152 for CPAP formula purposes			
	<b><u>PAINTWORK, ETC. TO NEW WORK</u></b>			
	<b><u>ON PLASTERBOARD</u></b>			
	<b><u>One coat primer and two coats interior quality PVA emulsion paint</u></b>			
1	On ceilings and cornices	m2	658	
	<b><u>ON WOOD</u></b>			
	<b><u>Three coats polyurethane semi-gloss varnish</u></b>			
2	On doors	m2	131	
3	On door frame	m2	34	
	<b><u>PAINTWORK, ETC. TO PREVIOUSLY PAINTED SURFACES</u></b>			
	<b><u>ON METAL</u></b>			
	<b><u>Wash down thoroughly with degreaser and rinse with water removing all traces of degreaser. Allow to dry and prime with one coat primer and two coats polyurethane enamel paint on steel:</u></b>			
4	On corrugated iron roof sheeting (measured on flat)	m2	2 107	
	<b><u>ON FLOATED PLASTER</u></b>			
	<b>Carried Forward</b>		R	
	Section No. 2 Bill No. 8 Paintwork			



Brought Forward			R
<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	1 421
6	On external walls	m2	1 534
<b>Carried Forward to Summary of Section No. 2</b>			R
Section No. 2			
Bill No. 8			
Paintwork			

## REFURBISHMENT OF CLASSROOMS

### UTHAKA SECONDARY SCHOOL

Bill No	SECTION SUMMARY - Builders Work	Page No	Amount
1	Alterations	30	
2	Carpentry and Joinery	32	
3	Ceilings, Partitions and Access Flooring	34	
4	Floor Coverings,Partitions and Access Flooring	35	
5	Ironmongery	37	
6	Plastering	38	
7	Glazing	39	
8	Paintwork	41	
Carried to Final Summary			R
Section No. 2			

## REFURBISHMENT OF CLASSROOMS UTHAKA SECONDARY SCHOOL

[illegible]