

Item No	Quantity	Rate	Amount
<b>BILL NO. 1</b>			
<b>PRELIMINARIESNOTES</b>			
<b>(Work Group No. 190 Unless Otherwise Stated)</b>			
i)		The <b>agreement</b> is to be the JBCC Series 2000 Principal Building Agreement, Edition 4.1 May 2005, and other contract documents that together form the contract between the employer and contractor	
ii)		The <b>preliminaries</b> are to be the JBCC Series 2000 Code 2103 Preliminaries prepared by the Joint Building Contracts Committee, May 2005 edition and shall be deemed to be incorporated herein	
iii)		Tenderers are referred to the abovementioned documents for the full intent and meaning of each clause thereof (hereinafter referred to by heading and clause number only) for which such allowance must be made as may be considered necessary	
iv)		Where standard clauses or alternatives are not entirely applicable to this contract such modifications, corrections or supplements as will apply are given under each relevant clause heading	
v)		Where any item is not relevant to this specific contract such item is marked N/A (signifying "not applicable")	
vi)		If Alternative A as set out in clause B10.3 hereinafter is to be used for the adjustment of the preliminaries each item priced is to be allocated to one or more of the three categories, where "F" denotes a fixed amount (amount not to be varied), "V" denotes an amount variable in proportion to value and "T" denotes an amount in proportion to time	
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<b><u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u></b>				
<b><u>Definitions (A1)</u></b>				
1	Definitions and interpretation (clause 1)	Item		
<b><u>Objective and Preparation (A2 to A14)</u></b>				
2	Offer acceptance and performance (clause 2)	Item		
3	Documents (clause 3)	Item		
4	Design responsibility (clause 4)	Item		
5	Employer's agents (clause 5)	Item		
6	Site representative (clause 6)	Item		
7	Compliance with regulations (clause 7)	Item		
8	Works risk (clause 8)	Item		
9	Indemnities (clause 9)	Item		
10	Works insurances (clause 10)	Item		
11	Liability insurances (clause 11)	Item		
12	Effecting insurance (clause 12)	Item		
13	NO CLAUSE 13.	N/A		
14	Security (clause 14)	Item		
<b><u>Execution (A15-A23)</u></b>				
15	Preparation for and execution of the works (clause 15)	Item		
16	Access to the works (clause 16)	Item		
17	Contract instructions (clause 17)	Item		
18	Setting out of the works (clause 18)	Item		
19	Assignment (clause 19)	Item		
20	Nominated subcontractors (clause 20)	Item		
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21	Selected subcontractors (clause 21)	Item		
22	Employer's Direct Contractors (clause 22)	Item		
23	Contractor's Domestic Sub-Contractors (Clause 23)	Item		
	<b><u>Completion (A24-A30)</u></b>			
24	Practical completion (clause 24)	Item		
25	Works completion (clause 25)	Item		
26	Final completion (clause 26)	Item		
27	Latent defects liability period (clause 27)	Item		
28	Sectional completion (clause 28)	Item		
29	Revision of date of practical completion (clause 29)	Item		
30	Penalty for non-completion (clause 30)	Item		
	<b><u>Payment (A31 - A35)</u></b>			
31	Interim payment to the contractor (clause 31)	Item		
32	Adjustment to the contract value (clause 32)	Item		
33	Recovery of expense and loss (clause 33)	Item		
34	Final account and final payment (clause 34)	Item		
35	Payment to other parties (clause 35)	Item		
	<b><u>Cancellation (A36-A39)</u></b>			
36	Cancellation by employer - contractor's default (clause 36)	Item		
37	Cancellation by employer - loss and damage (clause 37)	Item		
38	Cancellation by contractor - employer's default (clause 38)	Item		
39	Cancellation - cessation of the works (clause 39)	Item		
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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

42.1.2

**Principal Agent:**

T2-Tech Engineers.....

**Postal address:**

P O Box 47727.....

Greyville.....

Code 4023.....

Tel (031) 303 2470.....

Fax (086) 684 3133.....

E-mail dbnoffice@te2tech.co.za.....

42.1.3

Agents service:Architect

T2-Tech Engineers.....

**Postal address:**

P O Box 47727.....

Greyville.....

Code 4023.....

Tel (031) 303 2470.....

Fax (086) 684 3133.....

E-mail dbnoffice@te2tech.co.za.....

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

42.1.4  
Agents service: Quantity Surveyor  
  
Agent (2)  
  
QS Sam & Associates.....

**Postal address:**

P O Box 220.....

Ulundi.....

**Code:** 3838.....

**Tel:** (035) 870 3692.....

**Fax** .....

**E-mail:** samuel@qssam.co.za.....

42.1.5  
Agents service: Structural & Civil Engineer

T2-Tech Engineers.....

**Postal address:**

P O Box 47727.....

Greyville.....

**Code** 4023.....

**Tel** (031) 303 2470.....

**Fax** (086) 684 3133.....

**E-mail** dbnoffice@te2tech.co.za.....

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

42.1.6

Agents service: Electrical Engineer

Agent (4)

?.....

Postal address:

.....

.....

Code .....

Tel .....

Fax .....

E-mail .....

42.1.7

Agents Service : Mechanical Engineer

Agent (5)

Phiri Ndaleka Consultant.....

Postal address:

16 School Road. Pinetown .....

Code 3610.....

Tel (031) 701 5087.....

Fax .....

E-mail sandile@phirindaleka.co.za

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42.1.8  
Agents Service : Safety  
  
Agent (6)  
  
Kusini Environmental Services .....

Postal address:  
  
P O Box 254, Kloof.....

Code 3640.....

Tel 083 300 7053.....

Fax .....

E-mail poppy@kusinienviro.co.za.....

**42.2 CONTRACT DETAILS**

42.2.1 Works Description:

Repairs and Renovations to Existing Storm Damaged  
Classroom Blocks

42.2.2 Site Description:

The Site is The Existing Khanyakufikile Primary School

42.2.3 Work or installations by direct contractors:

None

42.2.4 This agreement is for a government contract  
where there are specific options that are  
applicable to a **State** organ only

Yes

42.2.5 Date on which possession of the site is intended  
to be given:

TBC..... (Date)

42.2.6 Period for the commencement of the works after  
the contractor takes possession of the site

14..... working days

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42.2.7 For the works **as a whole**. Intended date of practical completion and the penalty per calendar day

6 months..... *Date*

0.04% of the contract sum..... *Penalty Amount*

42.2.8 For the works in **sections**: Intended date of practical completion and the penalty per calendar day

**Section 1**

..... *Date*

R..... *Penalty Amount*

**Section 2**

..... *Date*

R..... *Penalty Amount*

**Section 3**

..... *Date*

R..... *Penalty Amount*

**Section 4**

..... *Date*

R..... *Penalty Amount*

42.2.9 The **law** applicable to this **agreement** shall be that of

Republic of South Africa..... (*country*)

**42.3 INSURANCES**

42.3.1 Contract works insurance to be effected by:

*Employer/Contractor:*

?? For the Sum of R .....

With a deductible of R .....

42.3.2 Supplementary insurance is required

*Yes/No*

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42.3.3 Public liability insurance to be effected by:  
*Employer/Contractor:*

*For the Sum of R .....*

*With a deductible of of R .....*

**42.4 DOCUMENTS**

42.4.1 Waivers of **contractors lien** or right of continuing possession is required

*Yes/No*

42.4.2 Number of construction document copies to be supplied to the **contractor** free of charge:

*..... Number of*

42.4.3 **Bills of Quantities/Lump sum document** schedule of rates drawn up in accordance with:

Standard System of Measuring Building Works,  
1999, Sixth Edition

42.4.4 On acceptance of the tender the bills of quantities/lump sum document is to be submitted within **working days**

*7..... Number of*

42.4.5 JBCC Engineering General Conditions are to be included in the **contract documents**:

*Yes/No*

42.4.6 The contract value is to be adjusted using escalation adjustment indices

*Yes/No*

Where **JBCC CPAP** is to be used

*Base Month TBC.....*

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42.4.7 Details of changes made to the provision of  
JBCC standard documentation:  
*[An addendum is to be attached should the  
space provided be insufficient]*

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<b><u>SECTION B: PRELIMINARIES</u></b>				
<b><u>Definitions and interpretation (B1)</u></b>				
43	Definition and interpretation (B1.1 - B1.4.6)	Item		
<b><u>Documents (B2)</u></b>				
44	Checking of documents (B2.1)	Item		
45	Provisional bills of quantities (B2.2)	Item		
46	Availability of construction documentation (B2.3)	Item		
47	Interests of agents (B2.4)	Item		
48	Priced documents (B2.5)	Item		
49	Tender submission (B2.6)	Item		
<b><u>The site (B3)</u></b>				
50	Defined works area (B3.1)	Item		
51	Geotechnical investigation (B3.2)	Item		
52	Inspection of the site (B3.3)	Item		
53	Existing premises occupied (B3.4)	Item		
54	Previous work - dimensional accuracy (B3.5)	Item		
55	Previous work - defects (B3.6)	Item		
56	Services - known (B3.7)	Item		
57	Services - unknown (B3.8)	Item		
58	Protection of trees etc (B3.9)	Item		
59	Articles of value (B3.10)	Item		
60	Inspection of adjoining properties etc (B3.11)	Item		
<b><u>Management of contract (B4)</u></b>				
61	Management of the works (B4.1)	Item		
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62	Programme for the works (B4.2)	Item		
63	Progress meetings (B4.3)	Item		
64	Technical meetings (B4.4)	Item		
65	Labour and Plant records (B4.5)	Item		
	<b><u>Samples, Shop Drawings and Manufacturer's Instructions (B5)</u></b>			
66	Samples of materials (B5.1)	Item		
67	Workmanship samples (B5.2)	Item		
68	Shop drawings (B5.3)	Item		
69	Compliance with Manufacturer's Instructions (B5.4)	Item		
	<b><u>Temporary works and plant (B6)</u></b>			
70	Deposits and fees (B6.1)	Item		
71	Enclosure of the works (B6.2)	Item		
72	Advertising (B6.3)	Item		
73	Plant, equipment, sheds and offices (B6.4)	Item		
74	Main notice board (B6.5)	Item		
75	Subcontractors' notice board (B6.6)	Item		
	<b><u>Temporary services (B7)</u></b>			
76	Location (B7.1)	Item		
77	Water (B7.2)	Item		
	<b>Option [A] / [B] shall apply</b>			
78	Electricity (B7.3)	Item		
	<b>Option [A] / [B] shall apply</b>			
79	Telecommunication facilities (B7.4)	Item		
80	Ablution facilities (B7.5)	Item		
	<b>Option [A] / [B] shall apply</b>			
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	<b><u>Prime cost amounts (B8)</u></b>			
81	Responsibility for prime cost amounts (B8.1)	Item		
	<b><u>Attendance on N/S Subcontractors (B9)</u></b>			
82	General attendance (B9.1)	Item		
83	Special attendance (B9.2)	Item		
84	Commissioning - Fuel, water and power (B9.3)	Item		
	<b><u>Financial aspects (B10)</u></b>			
	Statutory taxes, duties and levies (B10.1)	Item		
85	Payment of preliminaries (B10.2) <b>Option [A] / [B] shall apply</b>	Item		
86	Adjustment of preliminaries (B10.3)	Item		
87	Payment certificate cash flow (B10.4)	Item		
	<b><u>General (B11)</u></b>			
88	Protection of works (B11.1)	Item		
89	Protection/isolation of existing/sectionally occupied works (B11.2)	Item		
90	Security of the Works (B11.3)	Item		
91	Notice before covering work (B11.4)	Item		
92	Disturbance (B11.5)	Item		
93	Environmental Disturbance (B11.6)	Item		
94	Works cleaning and clearing (B11.7)	Item		
95	Vermin (B11.8)	Item		
96	Overhand work (B11.9)	Item		
97	Instruction manuals and guarantees (B11.10)	Item		
98	As built information (B11.11)	Item		
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99	Tenant Installations (B11.12)	
	Schedule of variables (B12)	
100	Pre-tender information (B12.1)	Item
	<div>           12.1.1 Provisional bills of quantities (B2.2)            The quantities are provisional:   <span style="float: right;">?? Yes/No</span> </div> <div>           12.1.2 Availability of construction documentation (B2.3)            Construction documentation is not complete   <span style="float: right;">?? Yes/No</span> </div> <div>           12.1.3 Interest of agents (B2.4)           <div>.....</div> <div>.....</div> <div>.....</div> </div> <div>           12.1.4 Defined works area (B3.1)           <div>.....</div> <div>.....</div> <div>.....</div> </div> <div>           12.1.5 Geotechnical investigation (B3.2)           <div>.....</div> <div>.....</div> <div>.....</div> </div> <div>           12.1.6 Existing premises occupied (B3.4)           <div>.....</div> <div>.....</div> <div>.....</div> </div>	
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12.1.7 Previous work - dimensional accuracy (B3.4)

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12.1.8 Previous work - defects (B3.5)

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12.1.9 Services - known (B3.7)

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12.1.10 Protection of trees (B3.9)

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12.1.11 Inspection of adjoining properties  
(B3.11)

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<p><b>12.1.12 Enclosure of the works (B6.2)</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p><b>12.1.13 Offices (B6.4.3)</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p><b>12.1.14 Main notice board (B6.5)</b></p> <p>.....</p> <p>.....</p> <p>.....</p> <p><b>12.1.15 Subcontractors notice board (B6.6)</b>  A notice board is required</p> <div style="text-align: right;"><i>Yes/No</i></div> <p><b>12.1.16 Water (B7.2)</b>  Alternative Selected:</p> <p><b>12.1.17 Electricity (B7.3)</b>  Alternative selected:</p> <p><b>12.1.18 Telecommunications (B7.4)</b></p> <p><b>12.1.19 Ablution facilities (B7.5)</b>  Alternative selected:</p> <p><b>12.1.20 Protection of existing/sectionally occupied works (B11.2)</b></p>					
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**SECTION C: SPECIFIC PRELIMINARIES**

Any special items to meet the parrtcular 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

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 1</u></b>			
	<b><u>ALTERATIONS (PROVISIONAL)</u></b>			
	<b><u>(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	Drywall barrier/hoarding 1800mm high formed of timber framing rails and uprights covered on one side with 0,45mm corrugated iron sheeting including corners, ends, etc	m	350	
	<b><u>REMOVAL OF EXISTING WORK</u></b>			
	<b><u>Breaking up and removing mass concrete</u></b>			
2	Steps	m3	4	
3	100mm Thick surface bed	m2	32	
	<b><u>Breaking down and removing brickwork etc</u></b>			
4	One brick wall in beam-filling up to window head level	m2	348	
5	One brick wall in gables	m2	89	
	<b><u>Taking out and removing doors, windows, etc from brickwork to be demolished</u></b>			
6	Timber single door and frame not exceeding 2,5m2	No	10	
	<b><u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u></b>			
	<b><u>Asbestos cement roof sheeting as per OCCUPATIONAL HEALTH AND SAFETY ACT, 1993 (ACT NO. 85 OF 1993), Asbestos Regulations, 2001, including all ridge and hip cappings, gable and verge flashings and timber purlins.</u></b>			
7	Corrugated asbestos roof covering and timber roof structure including trusses and purlins (removal and disposal to be undertaken by a specialist. Tenderer to allow for this their pricing)	m2	814	
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	CLASSROOM BLOCKS			
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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

8	Gypsum plasterboard ceilings including cornices, timber bandering, etc	m2	577		
9	Rainwater gutters including brackets, etc.	m	64		
	<u><b>Taking out and removing sundry joinery work, setting aside for re-use and later refixing in new position</b></u>				
10	Timber cornices from brickwork	m	251		
	<u><b>Taking out and removing ironmongery</b></u>				
11	Pinning board 2400 x 1200mm high	No	2		
12	Chalkboard 4800 x 1140mm high	No	8		
	<u><b>Taking out/off and removing sundry metalwork</b></u>				
13	Corroded metal columns including digging up concrete embedded base	No	4		
	<u><b>Hacking up/off and removing granolithic, screeds, plaster, etc from concrete or brickwork and preparing surfaces for new screeds, plaster, etc</b></u>				
14	30mm Granolithic from floors	m2	107		
15	25mm Screed from floors	m2	448		
16	Internal plaster from walls in patches	m2	228		
17	External plaster from walls in patches	m2	331		
	<u><b>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</b></u>				
18	350 x 350mm Tiles to floors	m2	35		
19	Tile skirting 100mm high	m	51		
	<u><b>Taking out and removing glass and mirrors</b></u>				
20	Glass from steel windows including cleaning out rebates and preparing for new glass	m2	45		
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Item No	Quantity	Rate	Amount
<b><u>BILL No. 2</u></b>			
<b><u>MASONRY (PROVISIONAL)</u></b>			
<b><u>(Work Group No. 116 Unless Otherwise Stated)</u></b>			
<b><u>PREAMBLES</u></b>			
For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
<b><u>BRICKWORK</u></b>			
<b><u>Sizes in descriptions</u></b>			
Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick			
<b><u>Face bricks</u></b>			
Bricks shall be ordered timeously to obtain uniformity in size and colour			
<b><u>Pointing</u></b>			
Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc			
<b><u>SUPERSTRUCTURE</u></b>			
<b><u>Brickwork of NFP bricks in cement mortar</u></b>			
1	110mm Brick walls	m2	10
2	One brick walls in beamfilling	m2	348
3	One brick walls in fire walls and gables	m2	100
<b><u>BRICKWORK SUNDRIES</u></b>			
<b>Carried to Collection</b>			R
Section No. 2 CLASSROOM BLOCKS Bill No. 2 MASONRY			

**ASBESTOS REPLACEMENT & RENOVATIONS  
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	<b><u>Motor Filler</u></b>				
4	Mortar bed on top of raking gable walls to form close joint with underside of roof sheeting	m	68		
	<b><u>Brickwork reinforcement</u></b>				
5	75mm Wide reinforcement built in horizontally	m	29		
6	150mm Wide reinforcement built in horizontally	m	1,284		
	<b><u>Air bricks etc</u></b>				
7	Set of two 220 x 170mm terra cotta vermin proof air bricks	Sets	36		
	<b><u>Prestressed concrete fabricated lintols</u></b>				
8	110 x 75mm Lintols in lengths not exceeding 3m.	m	181		
	<b><u>Galvanised hoop iron cramps, ties, etc</u></b>				
9	30 x 1,6mm Roof tie 1,6m long with one end fixed to timber and other end wrapped around two 6mm diameter x 110mm long mild steel reinforcing bars and built into brickwork	No	154		
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Bill No. 2

MASONRY

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ASBESTOS REPLACEMENT & RENOVATIONS  
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Section No. 2

Bill No. 3

ROOF COVERINGS

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Section No. 2

CLASSROOM BLOCKS

Bill No. 3

ROOF COVERINGS

R

**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 4</u></b>			
	<b><u>CARPENTRY AND JOINERY (PROVISIONAL)</u></b>			
	<b><u>(Work Group No. 126 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<b><u>ROOFS ETC</u></b>			
	<b><u>Prefabricated plate nailed timber roof truss construction</u></b>			
	The following is applicable in respect of roof trusses:			
	<b><u>Roof trusses to Classrooms</u></b>			
1	Mono pitched truss, with 600mm over-hang both ends, with tie beam spanning 9,9m and 1800mm high.	No	44	
2	Double pitched truss, with 600mm over-hang on both sides, with tie beam spanning 4,75m and 1700mm high.	No	9	
3	Double pitched truss, with 600mm over-hang on both sides, with tie beam spanning 8,0m and 1700mm high.	No	24	
	<b><u>Sawn softwood</u></b>			
4	38 x 114mm Wall plates	m	160	
5	38 x 114mm Longitudinal bracing	m	70	
6	38 x 114mm Cross bracing	m	70	
7	50 x 76mm Purlins	m	1,118	
8	50 x 76mm Tilted purlins	m	160	
	<b>Carried to Collection</b>			
	Section No. 2			
	CLASSROOM BLOCKS			
	Bill No. 4			
	CARPENTRY & JOINERY			



**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

	<b><u>Wrought laminated timber</u></b>				
9	75 x 228mm Beams, etc bolted	m	35		
	<b><u>Sundries</u></b>				
10	Wrot finish to exposed timber roof members.	m2	43		
11	Two coats "ABE Provonite" coal tar paint on roof timbers at eaves and verges	m2	43		
12	"Teco" or other approved galvanised two way hurricane clip	No	308		
	<b><u>EAVES, VERGES, ETC</u></b>				
	<b><u>Wrot softwood</u></b>				
13	50 x 76mm Barge trimmer	m	137		
	<b><u>Approved medium density fibre-cement</u></b>				
14	15 x 225mm Fascia boards including aluminium H-profile jointing strips	m	160		
15	80 x 200mm Socketless barge boards including aluminium H-profile jointing strips	m	68		
	<b><u>SUNDRIES</u></b>				
	<b><u>Roof Truss Certificate</u></b>				
16	Allow for securing roof truss manufacture certificate supplied by the manufacturer	No	3		
17	Allow for securing roof truss installation certificate supplied by the truss inspector	No	3		
	<b><u>DADO RAIL/SKIRTINGS</u></b>				
	<b><u>Wrot Meranti.</u></b>				
18	18 x 70mm Skirting including 18mm quadrant bead plugged and screwed to walls.	m	251		
	<b><u>DOORS ETC</u></b>				
<b>Carried to Collection</b>				R	
Section No. 2 CLASSROOM BLOCKS Bill No. 4 CARPENTRY & JOINERY					

**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

	<u><b>Wrought Meranti doors hung to steel frames</b></u>			
19	40mm Framed, ledged, braced and battened door 813 x 2032mm high of 40 x 110mm top rail and stiles, 20 x 150mm middle ledge, 20 x 110mm braces, 20 x 225mm bottom ledge and 20 x 110mm braces filled in with 20mm V-jointed one side boarding	No	10	
	<b>Carried to Collection</b>			R
Section No. 2 CLASSROOM BLOCKS Bill No. 4 CARPENTRY & JOINERY				

Section No. 2

Bill No. 4

CARPENTRY & JOINERY

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CLASSROOM BLOCKS

Bill No. 4

CARPENTRY & JOINERY

R

## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 5</u></b>			
	<b><u>CEILINGS, PARTITIONS AND ACCESS FLOORING (PROVISIONAL)</u></b>			
	<b><u>(Work Group No. 129 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<b><u>NAILED UP CEILINGS</u></b>			
	<b><u>6mm Thick gypsum or other approved ceiling boards with PVC "H" profile jointing strips.</u></b>			
1	Ceilings including 38 x 38mm sawn softwood banderling at 400mm centres in both directions.	m2	577	
	<b><u>Approved coved cornices:</u></b>			
2	75mm Coved cornices mitred at corners, with splayed heading joints and bed in 'Rhino-bed' gypsum plaster and spiked to branders.	m	251	
	<b><u>Trapdoors</u></b>			
3	Extra over ceiling for 600 x 600mm trap door of 32 x 44mm wrought hardwood rebated framing and 38 x 114mm sawn softwood kerb spiked to rafters, etc. and filled in with matching ceiling board in opening.	No	10	
	<b><u>INSULATIONS</u></b>			
	<b><u>"Aerolite" insulation</u></b>			
4	50mm Insulation closely fitted and laid on top of banderling between roof timbers etc	m2	577	
	<b>Carried Forward to Summary of Section No. 2</b>		R	
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	CLASSROOM BLOCKS			
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	CEILINGS, PARTITIONS & ACCESS FLOORING			

## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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## ASBESTOS REPLACEMENT & RENOVATIONS

### KHANYAKUFIKILE PRIMARY SCHOOL

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

	<u><b>1,2 Brushed aluminium plate with small rounded corners engraved with 20mm black engrave Helvetica letters / numerals including fixing with and including 4 x countersunk anti-theft screws</b></u>				
4	60 x 30mm Plate with letters/numeral, "CLASSROOM 01 - 9"	No	10		
	<u><b>1,2 Brushed aluminium plate with small rounded corners engraved with 25mm black engrave Helvetica letters / numerals including fixing with and including 4 x countersunk anti-theft screws</b></u>				
5	150 x 150mm Plate with lettering to read "ADMINISTRATION"	No	1		
6	300 x 100mm high Plate with lettering to read "KITCHEN"	No	1		
	<u><b>SUNDRIES</b></u>				
	<u><b>Approved PVC</b></u>				
7	38mm Diameter rubber door stop plugged	No	10		
	<u><b>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC</b></u>				
	<u><b>Approved baked enamel chalkboard</b></u>				
8	Standard vitreous enamelled green chalkboard (SABS Specification CKS 38-1980) 2400 x 1140mm high with chalk rail plugged	No	8		
	<u><b>Aluminium framed pinning board</b></u>				
9	Bulletin board carpet-aluminium-frame 1200 x 900mm high	No	1		
10	Bulletin board carpet-aluminium-frame 3600 x 1200mm high	No	8		
<b>Carried to Collection</b>					R
Section No. 2 CLASSROOM BLOCKS Bill No. 7 IRONMONGERY					

ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL

Section No. 2

Bill No. 7

IRONMONGERY

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IRONMONGERY

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 8</u></b>			
	<b><u>METALWORK (PROVISIONAL)</u></b>			
	<b><u>(Work Group No. 136 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	<b><u>Descriptions</u></b>			
	Descriptions of bolts shall be deemed to include nuts and washers			
	Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete			
	Metalwork described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described			
	<b><u>STEEL COLUMNS AND BEAMS</u></b>			
	<b><u>Hot Dipped Galvanised Mild Steel Columns</u></b>			
1	89mm Diameter x 3mm Thick column, 3600mm high overall with one welded to 200 x 200 x 5mm thick base plate embedded 600mm deep into 25MPa/19mm concrete and othe other end closed with 100 x 3mm cover plate and welded to and including 150 x 38 x 150mm U-shape beam support twice holed for and including 4 x M16 bolts	No	4	
	<b><u>HOT DIPPED GALVANISED MILD STEEL</u></b>			
2	30 x 30 x 3mm Angle section water bar 880mm long with two 25 x 3mm flat section lugs, 180mm long, with one end welded on to angle section and other end split and fanged and cast in	No	10	
	<b>Carried to Collection</b>		R	
	Section No. 2 CLASSROOM BLOCKS Bill No. 8 METALWORK			

**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

**HOT DIPPED GALVANISED GATES AND FRAMES,  
ETC**

**Steel Gate**

- 3 Single gate 877 x 2100mm high cformed of 30 x 30 x 3mm thick hollow section frame with 2No, 30 x 6mm thick flat bar horizontal rails filled in with 10mm diameter solid bar vertical palings complete with lock and fixing hinges as details on Drawing WD-200

No

10

**HOT-DIPPED GALVANISED PRESSED STEEL DOOR  
FRAMES**

**1,2mm Double rebated frames supplied with and including  
1,5 pair hinges per leaf suitable for one brick walls**

- 4 Frame for door 813 x 2032mm high

No

10

**Carried to Collection**

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Section No. 2  
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METALWORK

ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL

Section No. 2

Bill No. 8

METALWORK

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CLASSROOM BLOCKS  
Bill No. 8  
METALWORK

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 9</u></b>			
	<b><u>PLASTERING (PROVISIONAL)</u></b>			
	<b><u>(Work Group No. 142 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
	<b><u>GRANOLITHIC</u></b>			
	<b><u>Untinted granolithic on concrete</u></b>			
1	40mm Thick on floors and landings	m2	107	
	<b><u>SCREED</u></b>			
	<b><u>1:4 Cement mortar screed</u></b>			
2	30mm Thick screed laid on concrete to receive vinyl tiles	m2	483	
	<b><u>INTERNAL PLASTER</u></b>			
	<b><u>1:5 Cement plaster on brickwork</u></b>			
3	On walls in patches	m2	228	
4	On walls	m2	348	
5	On narrow widths	m2	11	
	<b><u>EXTERNAL PLASTER</u></b>			
	<b><u>Cement plaster on brickwork</u></b>			
6	On walls	m2	717	
7	On narrow widths	m2	17	
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	Section No. 2			
	CLASSROOM BLOCKS			
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	PLASTERING			

## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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Item No		Quantity	Rate	Amount
	<b><u>BILL No. 13</u></b>			
	<b><u>PAINTWORK (PROVISIONAL)</u></b>			
	<b><u>(Work Group No. 152 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQS "Model Preambles to All Trades", 2008 Edition			
	<b><u>PREPARATORY WORK TO EXISTING WORK</u></b>			
	<b><u>Previously painted plastered surfaces</u></b>			
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
	<b><u>Previously painted metal surfaces</u></b>			
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
	<b><u>Previously painted wood surfaces</u></b>			
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
	<b><u>PAINTWORK ETC TO NEW WORK</u></b>			
	<b><u>ON FLOATED PLASTER</u></b>			
	<b><u>One coat acrylic PVA primer, one universal undercoat and one final coat and two final coats of approved high quality paint</u></b>			
1	On internal walls	m2	577	
	<b>Carried to Collection</b>		R	
	Section No. 2 CLASSROOM BLOCKS Bill No. 13 PAINTWORK			



**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

2	On external walls	m2	717		
	<b><u>ON PLASTER BOARD</u></b>				
	<b><u>Treat nail heads and joints with one coat zinc chromate primer and prepare and apply two coats interior quality semi gloss PVA paint</u></b>				
3	On ceilings and cornices	m2	577		
	<b><u>ON FIBRE-CEMENT</u></b>				
	<b><u>One coat 'Wall and All Pure Acrylic' thinned 20% and one coat Wall and All Pure Acrylic' or other approved paint</u></b>				
4	On fascias and barge boards	m2	111		
	<b><u>ON WOOD</u></b>				
	<b><u>One coat sanding sealer, knot prime and stop and two coats exterior quality approved woodcare varnish:</u></b>				
5	On doors	m2	38		
6	On laminated beam	m2	21		
	<b><u>One coat sanding sealer, knot prime and stop and two coats interior quality or other approved woodcare varnish:</u></b>				
7	Skirting and quadrant bead not exceeding 150mm girth.	m	251		
	<b><u>PAINTWORK ETC TO PREVIOUSLY PAINTED WORK</u></b>				
	<b><u>ON FLOATED PLASTER</u></b>				
	<b><u>One coat acrylic PVA primer, one universal undercoat and one final coat and two coats approved high quality paint</u></b>				
8	On internal walls	m2	873		
9	On external walls	m2	226		
	<b><u>ON FIBRE-CEMENT</u></b>				
	<b><u>One coat 'Wall and All Pure Acrylic' thinned 20% and one coat Wall and All Pure Acrylic' or other approved paint</u></b>				
10	Fibre cement cills not exceeding 300mm wide	m2	53		

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Section No. 2  
CLASSROOM BLOCKS  
Bill No. 13  
PAINTWORK

ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL

**SUNDRIES**

**Paint Certificate**

11 Allow for securing paint manufacturer's certificate  
supplied by the manufacturer

No

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CLASSROOM BLOCKS  
Bill No. 13  
PAINTWORK

ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL

Section No. 2

Bill No. 13

PAINTWORK

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PAINTWORK

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

Item No		Quantity	Rate	Amount
	<b>BILL No. 1</b>			
	<b>V- DRAINS (PROVISIONAL)</b>			
	<b>PREAMBLES</b>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<b>ALTERATIONS</b>			
	<b>(Work Group No. 102 Unless Otherwise Stated)</b>			
	<b>REMOVAL OF EXISTING WORK</b>			
	<b>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</b>			
1	600mm x 150mm Thick V-drain	m	220	
	<b>V- DRAINS (PROVISIONAL)</b>			
	<b>EXCAVATION, FILLING, ETC</b>			
	<b>(Work Group No. 104 Unless Otherwise Stated)</b>			
	<b>Open face excavation in earth over sloping site</b>			
2	Not exceeding 2m deep to reduce levels to final levels under floors etc	m3	33	
	<b>Earth filling supplied by Contractor, spread and levelled in layers not exceeding 300mm deep and compacted to 93% Mod AASHTO.</b>			
3	Approved earth filling carted on by Contractor under solid floors, steps, pavings etc.	m3	33	
	<b>Carried to Collection</b>		R	
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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

<b><u>Compaction of surfaces</u></b>					
4	Compaction of ground surface under floors etc including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 93% Mod AASHTO density	m2	220		
<b><u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u></b>					
<b><u>(Work Group No. 110 Unless Otherwise Stated)</u></b>					
<b><u>Class 20/19 concrete</u></b>					
5	V-shaped channel 1000mm wide x average 130mm thick with rounded salient edges and finished on exposed surfaces with 2:1 cement mortar, laid to falls in panels not exceeding 2000mm long, etc and including all necessary excavation, formwork, filling, etc	m	220		
6	Extra over 1000mm channel for angles, intersections, ends, dressing into sides of catchpits, etc	No	30		
7	Rainwater spreader, 1500mm wide at one end and tapering to 1000mm wide at the other, formed of 125mm thick class 20/19 base concrete filled with 16 No. concrete bricks cast into concrete whilst still green and 100 x 150mm high upstand edge beam, all with and including necessary excavation, compaction, formwork, etc.	No	6		
<b><u>SMOOTH FORMWORK</u></b>					
<b><u>(Work Group No. 111 Unless Otherwise Stated)</u></b>					
<b><u>Formwork to sides</u></b>					
8	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	220		
<b><u>Expansion joints with 12mm bitumen impregnated softboard between vertical concrete and brick surfaces</u></b>					
9	12mm Joints not exceeding 300mm high	m	220		
<b><u>REINFORCEMENTS</u></b>					
<b><u>(Work Group No. 114 Unless Otherwise Stated)</u></b>					
<b>Carried to Collection</b>					R
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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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Section No. 3

Bill No. 1

APRONS & V-DRAINS

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SITEWORKS

Bill No. 1

APRONS & V-DRAINS

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 2</u></b>			
	<b><u>RAINWATER TANK</u></b>			
	<b><u>ALTERATIONS</u></b>			
	<b><u>(Work Group No. 102 Unless Otherwise Stated)</u></b>			
	<b><u>PREAMBLES</u></b>			
	For Preambles refer to the ASAQs "Model Preambles to All Trades", 2008 Edition			
	<b><u>REMOVAL OF EXISTING WORK</u></b>			
	<b><u>Breaking up and removing reinforced concrete including cutting off and removing reinforcement</u></b>			
1	150mm Thick slabs	m2	38	
2	250mm Thick footing	m2	18	
	<b><u>Breaking down and removing brickwork etc</u></b>			
3	One brick wall	m2	72	
	<b><u>Taking out and removing piping, sanitary fittings, etc including disconnecting piping from fittings and making good floor and wall finishes (making good tiling and paintwork elsewhere)</u></b>			
4	5000 Litres Jo-Jo tank	No	6	
	<b><u>RAINWATER TANK</u></b>			
	<b><u>EARTHWORKS</u></b>			
	<b><u>(Work Group No. 104 Unless Otherwise Stated)</u></b>			
	<b><u>Excavation in earth not exceeding 2m deep</u></b>			
5	Trench excavation not exceeding 2m deep	m3	36	
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	RAINWATER TANKS			

## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

	<b><u>High tensile steel reinforcement to structural concrete work</u></b>			
16	Various diameter bars	t	0.10	
	<b><u>Reinforcement</u></b>			
17	Type 395 fabric reinforcement in concrete surface beds, slabs, etc.	m2	49	
	<b><u>BRICKWORK</u></b>			
	<b><u>(Work Group No. 116 Unless Otherwise Stated)</u></b>			
	<b><u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in cement mortar</u></b>			
18	One brick wall in stretcher bond	m2	76	
	<b><u>Brickwork reinforcement</u></b>			
19	150mm Wide reinforcement built in horizontally	m	299	
	<b><u>"Corobrik Firelight Satin" or other approved face bricks laid and pointed with recessed horizontal and vertical joints</u></b>			
20	Extra over ordinary brickwork for facing in stretcher bond with "Corobrik Corngold Satin FBA" or other approved clay facing brick	m2	54	
21	Extra over ordinary brickwork for Brick-on-edge header course coping to top of one brick wall, built fair and pointed on top and both edges with "Corobrick Corngold Satin FBA" or other approved facing bricks.	m	64	
	<b><u>Sundries</u></b>			
22	30 x 152mm Deep mortar fillet placed around rainwater tank.	m	68	
	<b><u>PLUMBING</u></b>			
	<b><u>(Work Group No. 148 Unless Otherwise Stated)</u></b>			
	<b><u>TAPS, VALVES, ETC</u></b>			
	<b><u>Taps, valves, etc and joints to "Polycop" polypropylene pipes including all necessary adaptors, etc</u></b>			
Carried to Collection				R
Section No. 3 SITWORKS Bill No. 2 RAINWATER TANKS				

## ASBESTOS REPLACEMENT & RENOVATIONS KHANYAKUFIKILE PRIMARY SCHOOL

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ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL

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Bill No. 2

RAINWATER TANKS

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SITEWORKS

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RAINWATER TANKS

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**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Item No		Quantity	Rate	Amount
	<b><u>BILL No. 1</u></b>			
	<b><u>PROVISIONAL SUMS</u></b>			
	The following budgetary allowances are for work to be executed by a specialist Sub- Contractor nominated by the Principal Agent			
	<b><u>ELECTRICAL INSTALLATION</u></b>			
1	Allow the sum of R 1 050 000.00 (One Million and Fifty Thousand Rand) for the Electrical Installation	Item		1,050,000.00
2	Profit on last if required	%		
3	Attendance in connection with Electrical Installations	%		
	<b><u>MOBILE CLASSROOMS</u></b>			
4	Allow the sum of R 2 065 000.00 (Two Million and Sixty Five Thousand Rand) for the supply and installation and relocate mobile classrooms (relocation of radius 50km)	Item		2,065,000.00
5	Profit on last if required	%		
6	Attendance in connection with mobile classrooms	%		
	<b><u>CLO REMUNERATION</u></b>			
7	Allow the sum of R100 000.00 (One Hundred Thousand Rand) for the remuneration of the Community Liaison Officer	Item		100,000.00
8	Profit on last if required	%		
9	Attendance in connection with Community Liaison Officer's remuneration	%		
	<b>Carried to Final Summary</b>			
	Section No. 4			
	PROVISIONAL SUMS			
	Bill No. 1			
	PROVISIONAL SUMS			
			R	

**ASBESTOS REPLACEMENT & RENOVATIONS  
KHANYAKUFIKILE PRIMARY SCHOOL**

Section No	<u>FINAL SUMMARY</u>	Page No	Amount
1	PRELIMINARIES	21	
2	CLASSROOM BLOCKS	52	
3	SITEWORKS	62	
4	PROVISIONAL SUMS	63	
	<b><u>SUB-TOTAL -1</u></b>		R
	Add: CONTINGENCIES (5 %)		R
	<b><u>SUB-TOTAL - 2</u></b>		R
	Add: VALUE ADDED TAX (15%)		R
	<b>Carried to Form of Tender</b>		R